Analysis of Aviation Research and Development Programs with Respect to the Level I Concepts of Operation

NASA RTO-2: NAS2-98005

“Global Gap Analysis of Operational Requirements Derived from Future Operational Concepts for the National Airspace"

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1 INTRODUCTION

1.1 OBJECTIVE

This is the report of the results for NASA contract NAS2-98005, “A Global Gap Analysis of Operational Requirements Derived from Future Operational Concepts for the National Airspace System". The objective of this study was to map the “*Air Traffic Services Concept of Operations for the NAS in 2005-Narrative*” [1] (here after referred to as the Narrative), with research and development programs and find the gaps and overlaps in research.

1.2 PROGRAM OVERVIEW

The main body of this work concentrates on the FAA’s Research Program Descriptions (RPD), MITRE, and NASA's research programs and tools. This report provides an accumulation of research and development program data, an analysis methodology, analysis and mappings of the data, and assessments of gaps and overlaps in research.

The programs from the FAA's *1997 Aviation System Capitol Investment Plan (CIP)*[3] were not included in this analysis. The CIP concentrates on already existing technologies that have been validated and tested for implementation, whereas the focus of this analysis was of the ongoing research and development of new technologies. These programs will then potentially be part of the CIP in the future. This is clarified by the following statement extracted from the CIP; "…R,E&D is investigating new technologies required for the FAA to meet its mission in the 21st century. The R,E&D effort will accomplish concept exploration and demonstration of new technology initiatives. After prototype systems have proven technologically feasible and operationally beneficial, the responsibility for acquisition moves to the CIP. Thus, through the interrelated CIP and R,E&D Plan, the FAA will institute projects to achieve operational benefits for the entire aviation community." (P.32 CIP)

The Narrative and the corresponding “*Air Traffic Services Concept of Operations for the National Airspace System in 2005 - Operational Tasks & Scenarios,*” [3] the Addendum, guide the definition of research programs directed by the FAA and other organizations, institutions, universities, and companies. The eight sections of the Narrative have been organized into a hierarchy of requirements in the Level I CONOPS (Appendix C). The Level I CONOPS identifies specific concepts of operation (CONOP) with one or more sentences directly from the Narrative. The mapping results are between programs and these developed Level I CONOPS.

The analysis approach entailed an independent categorization of each program, thereby providing a convenient way of briefly disclosing the major emphasis of a program. This categorization then allowed the researcher to quickly focus attention on related CONOPS and map the program to the CONOPS from the Narrative. The mappings were then analyzed to identify the CONOPS that had

gaps and overlaps with respect to the documented intent of the various research programs. There are no judgements of the relative merit of any program, nor judgements related to the need to fill a gap or resolve an overlap.

While mappings and associated analysis are the main result of this effort, the methodology and tools developed for establishing the mappings are also significant. The goal of mapping any available research program to the Narrative is now readily achievable.

A database engine has been developed which allows the researcher to find related material using an indexed search engine. This engine, called CRTS (CONOPS and Requirements Tracking System), has been developed as an Intranet tool. It is possible, for example, to make this tool and all of the database available on the World Wide Web with a few modifications to the “web page” solution developed for this database engine.

2 ANALYSIS METHODOLOGY

2.1 DATA COLLECTION

The goal of the data collection process was to gather research and development program descriptions from cooperative sources. Several sources and avenues were used in forming an Industry and Academic contact list that included the FAA's *Capitol Investment Plan (CIP)*[2], Internet searches, personal contacts, and Aviation Week & Space Technology's *Aerospace Source Book 1997*[4]. A cover letter requesting program information was prepared and sent to 132 potential contributors from the contact list. Due to the proprietary nature of research programs and institutional policies, most sources were unable to accommodate the request for information. Appendix G contains the complete contact list.

The documents were provided by the following sources:

FAA: Research Program Descriptions (RPD)

- Fiscal year 1999 (30 programs)
- Fiscal year 2000 (39 programs)

Mitre: Program descriptions

- Fiscal year 1998 (49 programs)
- Fiscal year 1999 (77 programs)

NASA:

- AATT (11 programs)

Eurocontrol:

- 222 programs

Table 1 summarizes the level of contacts made for both Industry and Academia.

Table 1: Industry and Academia Contact Summary

Industry Contacts			Academic Contacts		
Contact Type	Total Distribution	Total Response	Contact Type	Total Distribution	Total Response
U.S. Mail	27	0	U.S. Mail	5	0
Electronic Mail	50	5	Electronic Mail	50	6

2.2 DATA ANALYSIS METHODS

Figure 1 describes the gap/overlap analysis methodology. This process consists of eight steps. Steps one, two and three (the left upper branch in Figure 1) includes the preparation and categorization of the Level I CONOPS. Steps four and five are the collection and categorization of ongoing programs that support the Air Traffic Services. In the Mapping (step six), these two branches are combined by developing a relationship, or mapping, between the programs and Level I CONOPS. The categorization results were central to this step. The subsequent subject matter expert (SME) evaluations (step seven) of these mappings provides a collection of judgements which are finally assimilated in the Gap / Overlap Analysis (step eight). Details on each of the eight steps follow.

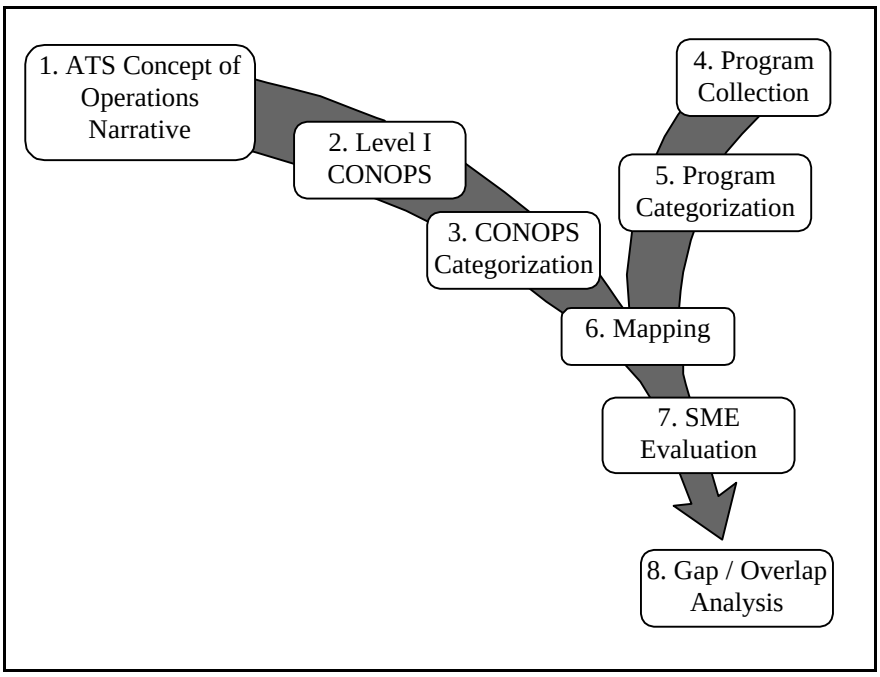

Figure 1: Gap/Overlap Analysis Flow Down

Step 1: The Narrative was developed and published September 1997 by the FAA. The Narrative is the result of a joint government and industry study of how the National Airspace System should evolve between the present status and the eventual "Mature Stage" of Free Flight. The Narrative addresses the complex issues of modernization through identifying, by domain, some of the necessary operational goals.

Step 2 and 3: Verbatim phrases and sentences from the Narrative were organized into a hierarchy called the "Level I CONOPS." These CONOPS were categorized by Narrative paragraph number (called domain) and function as shown in Table 2. The definitions of the categories are available in Appendix B.

Table 2: Categorization of CONOPS and Programs is a Basis for Mapping

Functions (CONOPS and Programs)	Domains (CONOPS and Programs)	Systems (Programs only)	Areas (Programs only)
• Communication • Navigation • Surveillance • Weather • Automation • Maintenance and Facilities	• Introduction and Overall • Flight Planning • Airport Surface • Departure and Arrival • En Route / Cruise • Oceanic Operations • NAS Management • Management	• Ground • Airborne • Space	• Human Factors • Performance • Economic Impact • Other

Step 4: Step four entailed surveying ongoing research and development programs. The collection of programs that could contribute to the ATS concept of operations was sought from the FAA, Federally Funded Research and Development Companies (FFRDC, including MITRE and Lincoln Laboratory), Universities, Industry, and Eurocontrol.

Step 5: Step five was categorization of the programs using the same breakout as derived for the CONOPS (see Table 2). The systems and areas were added to the categorization listings. These new categories were included to succinctly characterize the program emphasis for later analysis. Program categorization entailed assessments with the rating system shown in Table 3 (below). The results of the categorization process appear in Appendices C and D. A histogram (Figure 2) is included for perspective on the distribution of ratings.

Table 3: Categorization Rating Definitions

Rating	*Definition*
Y#	very significant impact on category
Y+	significant impact on category
Y	impacts category
Y-	insignificant impact on category
Y=	very insignificant impact on category
N	not related

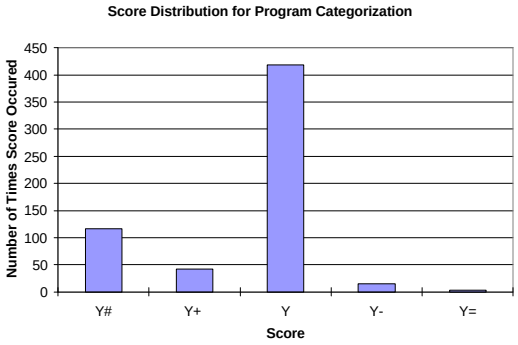

Figure 2: Histogram of Categorization Ratings

Step 6: Step six was the mapping process that is illustrated in Figure 3. The process begins with the set of 390 categorized Level I CONOPS and 129 categorized programs. The process was streamlined to eliminate most of the non-matches by using the categorization results from steps three and five. The potential mappings are the collection of Level I CONOPS and program pairs which result from the use of the categorizations. (i.e. matched domains and functions)

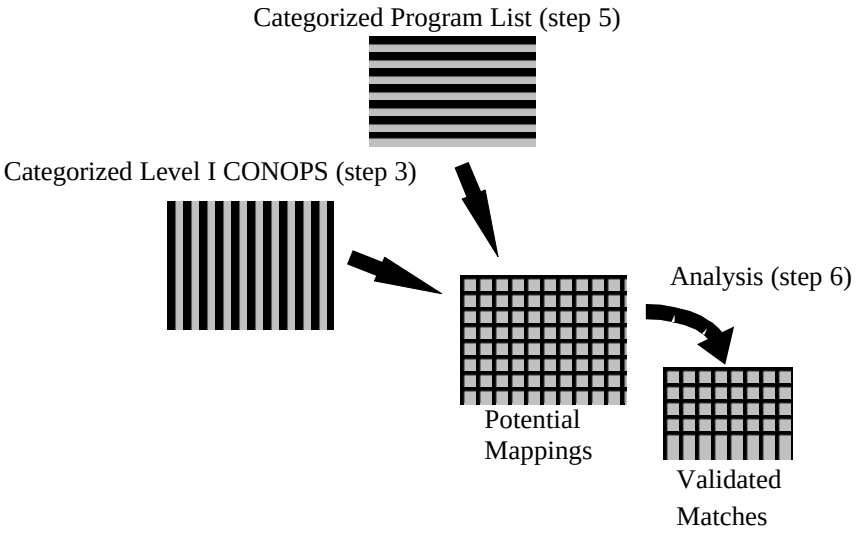

Figure 3: Program to Level I CONOPS Matching Process

As an example, in Table 4, CONOP Y matches Program X in one function, Communication, and one domain, Airport Surface. Therefore, Program X will be studied against all CONOPS from the Narrative Chapter 3, Airport Surface. The categorization ratings in Table 4 are defined in Table 3.

Table 4: Categorization Matching Example

	Categories	*CONOP Y*	*Program X*	
Functions	Communication	Y	Y	**function match**
	Navigation			
	Surveillance	Y		
	Weather	Y		
	Automation		Y-	
	Maintenance & Facilities			
Domains	General	Y		
	Flight Planning			
	Airport Surface	Y	Y	**domain match**
	Departure / Arrival	Y		
	En Route / Cruise		Y#	
	Oceanic Ops			
	NAS Management			

The mapping results are in Appendix E and F. The scoring system shown below was used to identify the significance of a mapping. The histogram of ratings shown in Figure 4 below, shows the frequency of score occurrence.

Table 5: CONOPS to Programs Rating Definitions

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications
N	no, the program does not fulfill the CONOP

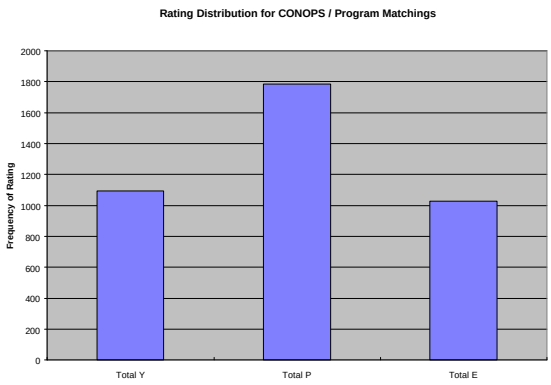

Figure 4: Histogram of CONOPS to Programs Ratings

Step 7: Step seven begins with a set of "potential mappings" based on domain and function matches between the CONOPS and Programs. From here, an analyst must evaluate all of the requirements with the program matched. A final set of "validated matches" results.

Step 8: Step eight involves breaking out the validated matches into useful sets of data, so that gaps and overlaps may be determined.

2.3 DATA ANALYSIS TOOLS

Microsoft Excel

A number of tools were used in the analysis process. MS *Excel* was used to compile and organize the data and evaluations into spreadsheets. MS *Excel* had the capabilities to edit the data easily, and finally to sort the data once it was scored.

CRTS (CONOPS and Requirements Tracking System)

A database engine has been developed which allows the researcher to find related material using an indexed search engine. This engine, called CRTS (CONOPS and Requirements Tracking System), has been developed as an Intranet tool. It is possible, for example, to make this tool and all of the database available on the World Wide Web with a few modifications to the “web page” solution developed for this database engine.

3 ANALYSIS RESULTS

3.1 ACCUMULATED RESULTS OF MAPPINGS

The average number of program hits per Level I CONOP is shown in Figure 5. A program "hit" is defined to be a mapping between a program in a given paragraph and a CONOP with a score of (Y)es, (P)artial, (E)xtensible (defined in Table 5). If a program satisfies multiple Level I CONOPS in a particular chapter, the chapter will accumulate multiple hits from that program.

Although Figure 5 seems to indicate that every chapter is well-covered by programs, a closer examination per CONOP is necessary. Figure 5 shows the average number of programs per CONOP, thereby giving a sense of where concentration of programs occurs. Therefore, while some CONOPS are covered by many programs, some CONOPS are not covered by any. Also, all program hits are shown, whether or not it was a yes, partial, or extensible.

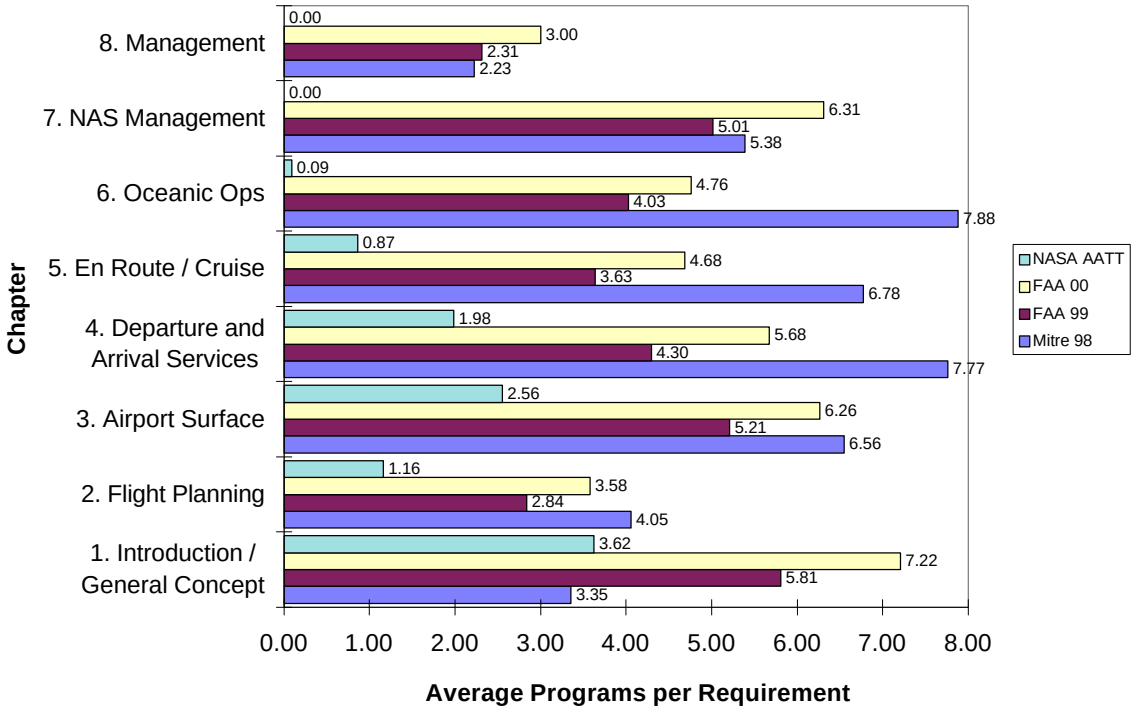

Figure 5: Average Number of Programs per CONOP Chapter

3.2 RESULTS BY CHAPTER

The bar graphs in this section provide more detailed information with respect to the number of programs that are applicable to each CONOP. Each graph represents the CONOPS from a chapter. In this way, specific Level I CONOPS can be identified that are neglected by programs or supported by multiple programs. Detailed listings of programs that match each CONOP are contained in Appendix E.

3.2.1 CHAPTER 1: INTRODUCTION TO THE NARRATIVE

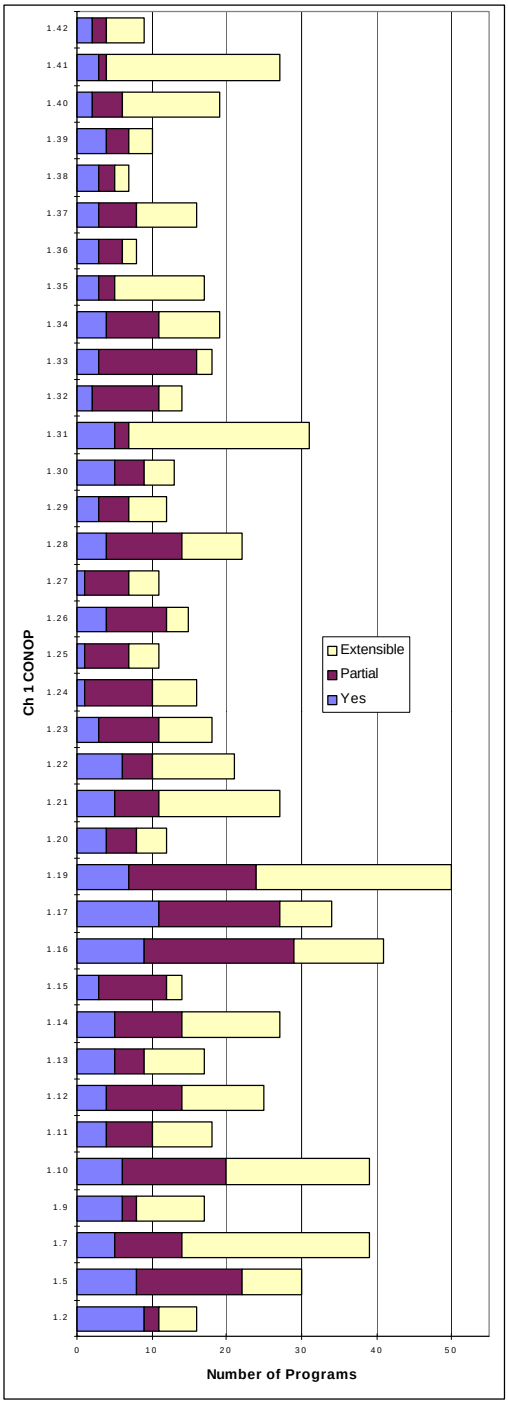

Figure 6: Programs per CONOP Chapter 1

Figure 6 summarizes mappings of all programs to Chapter 1 of the ATS Concept of Operations Narrative. Each mapping of a CONOP to a program received a score of yes, partial, or extensible if a match occurred. Chapter 1 is an introductory chapter, so many of the CONOPS that were produced from the chapter are broad. Therefore, many of these broad Level I CONOPS matched to programs.

Figure 7 shows a further breakdown of the data per agency. The agencies represented are MITRE (FY 1998), the FAA (FY 1999 and 2000), and NASA AATT.

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications

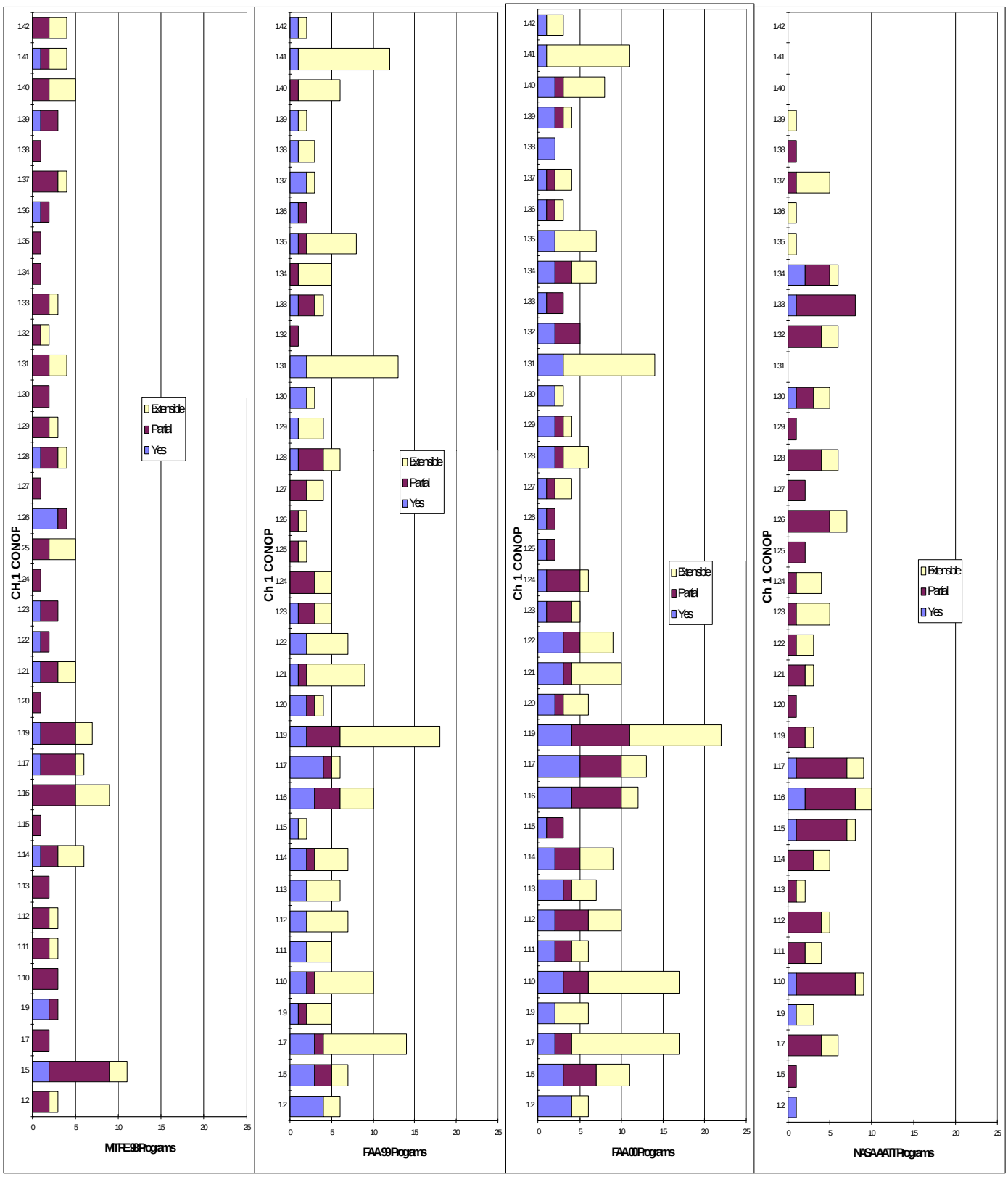

Figure 7: Chapter 1 Programs per CONOP MITRE 98, FAA 99, FAA 00, NASA

3.2.2 CHAPTER 2: FLIGHT PLANNING OPERATIONS & SERVICES

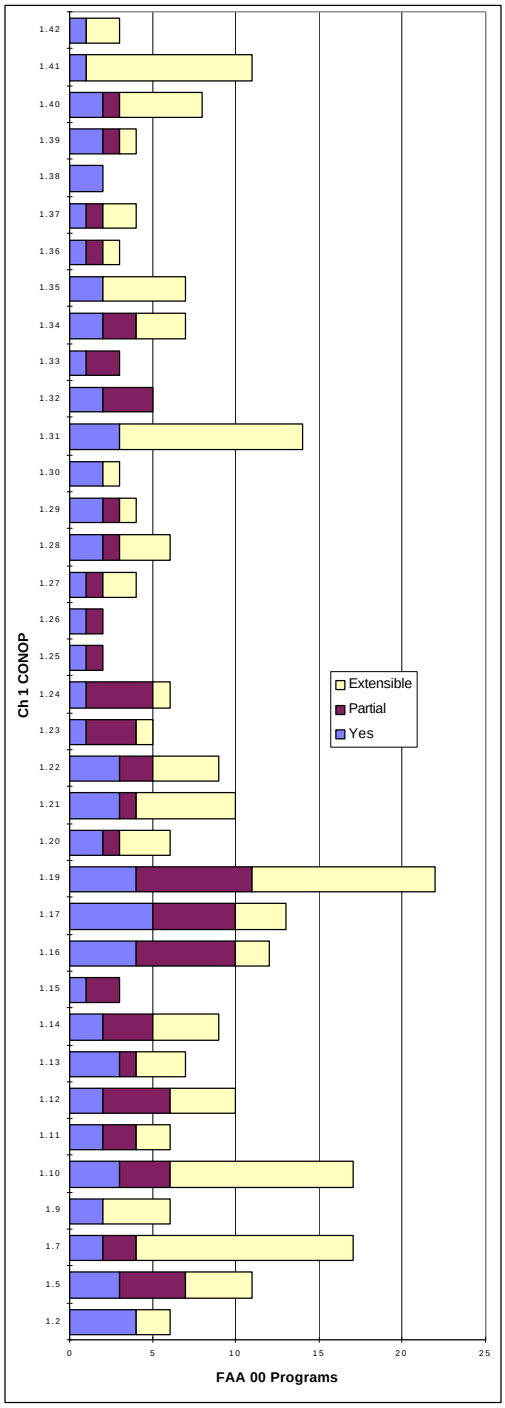

Figure 8: Programs per CONOP Chapter 2

Figure 8 summarizes mappings of all programs to Chapter 2 of the ATS Concept of Operations Narrative. Each mapping of a CONOP to a program received a score of yes, partial, or extensible if a match occurred. This chapter covers the processes, hardware, software, and infrastructure definitions for pre-flight planning concepts.

Figure 9 shows a further breakdown of the data per agency. The agencies represented are MITRE (FY 1998), the FAA (FY 1999 and 2000), and NASA AATT.

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications

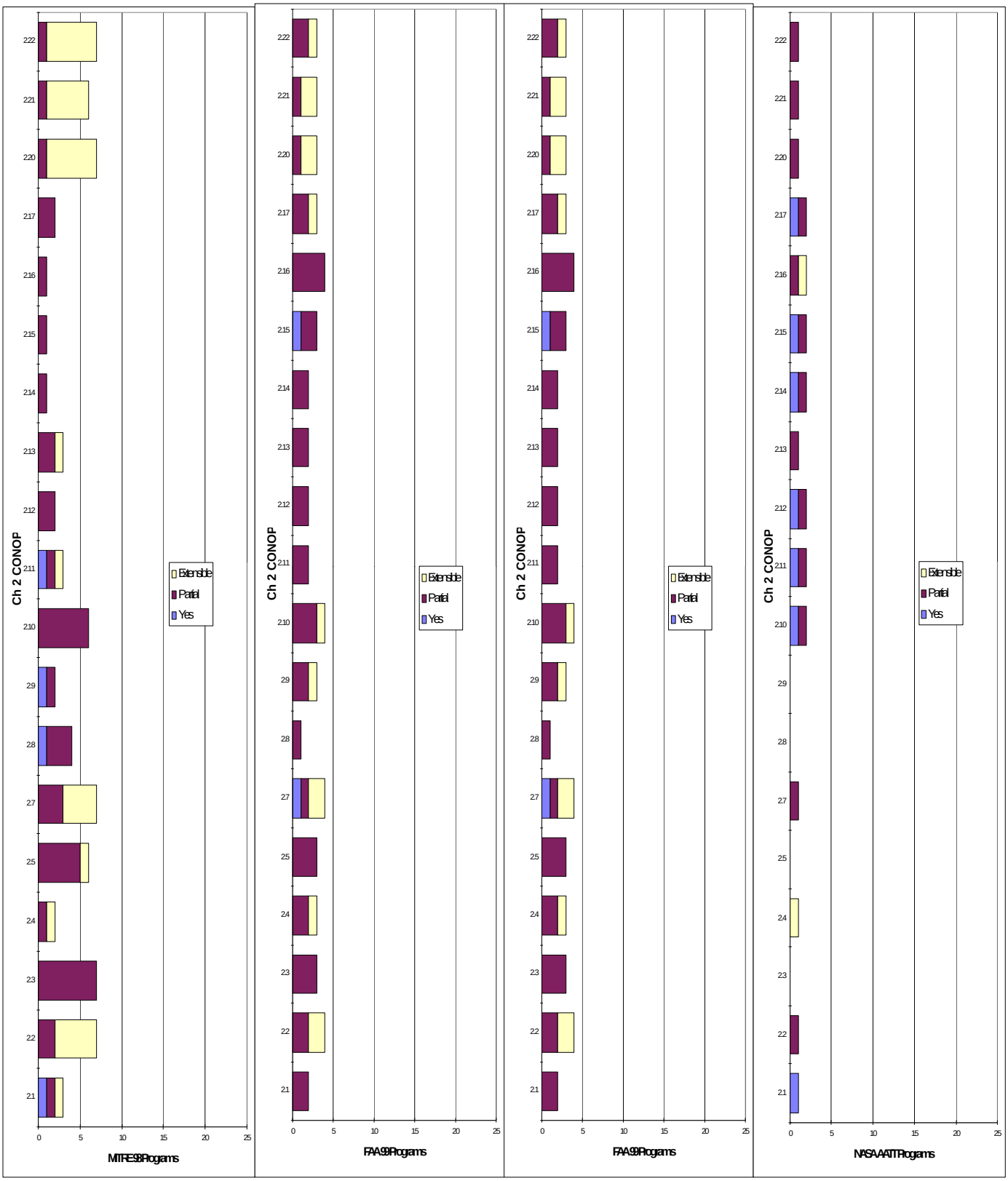

Figure 9: Chapter 2 Programs per CONOP MITRE 98, FAA 99, FAA 00, NASA

3.2.3 CHAPTER 3: AIRPORT SURFACE OPERATIONS AND SERVICES

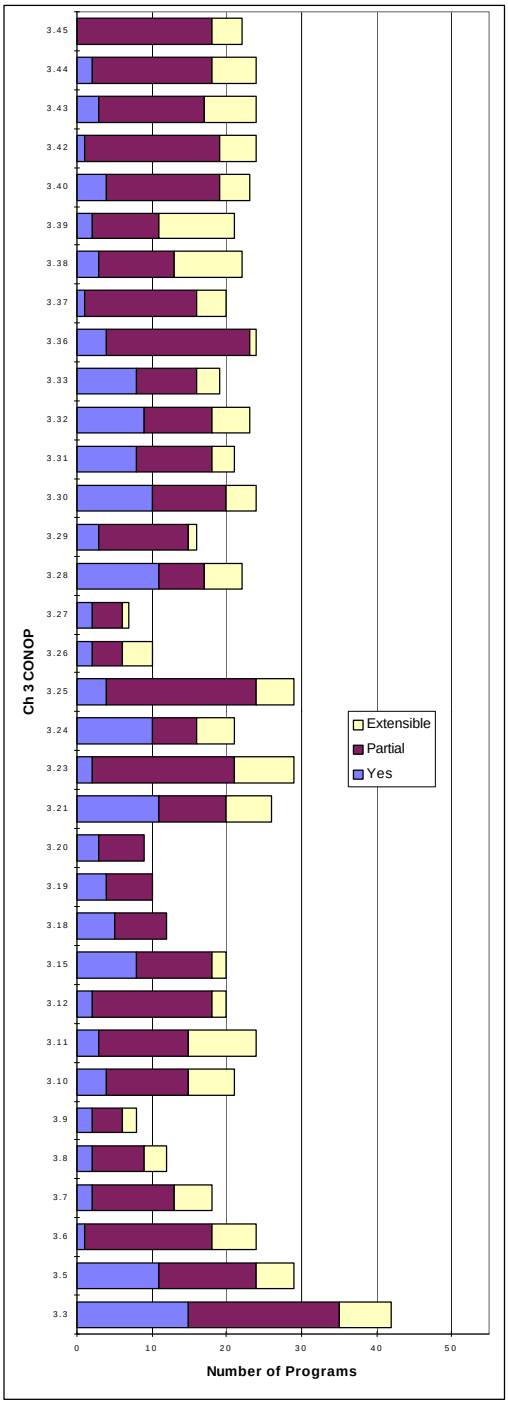

Figure 10: Programs per CONOP Chapter 3

Figure 10 summarizes mappings of all programs to Chapter 3 of the ATS Concept of Operations Narrative. Each mapping of a CONOP to a program received a score of yes, partial, or extensible if a match occurred.

Figure 11 shows a further breakdown of the data per agency. The agencies represented are MITRE (FY 1998), the FAA (FY 1999 and 2000), and NASA AATT.

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications

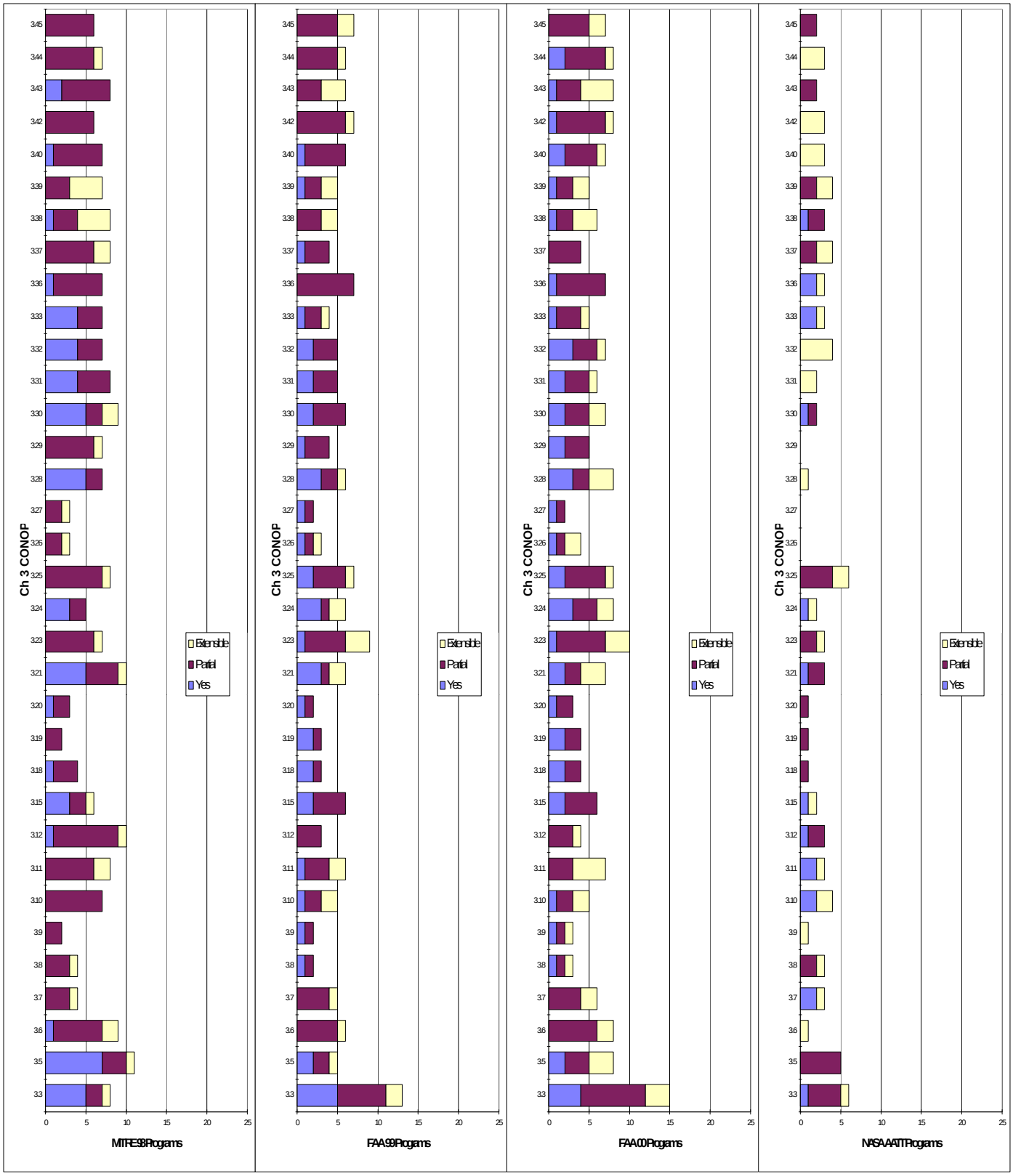

Figure 11: Chapter 3 Programs per CONOP MITRE 98, FAA 99, FAA 00, NASA

3.2.4 CHAPTER 4: DEPARTURE AND ARRIVAL SERVICES

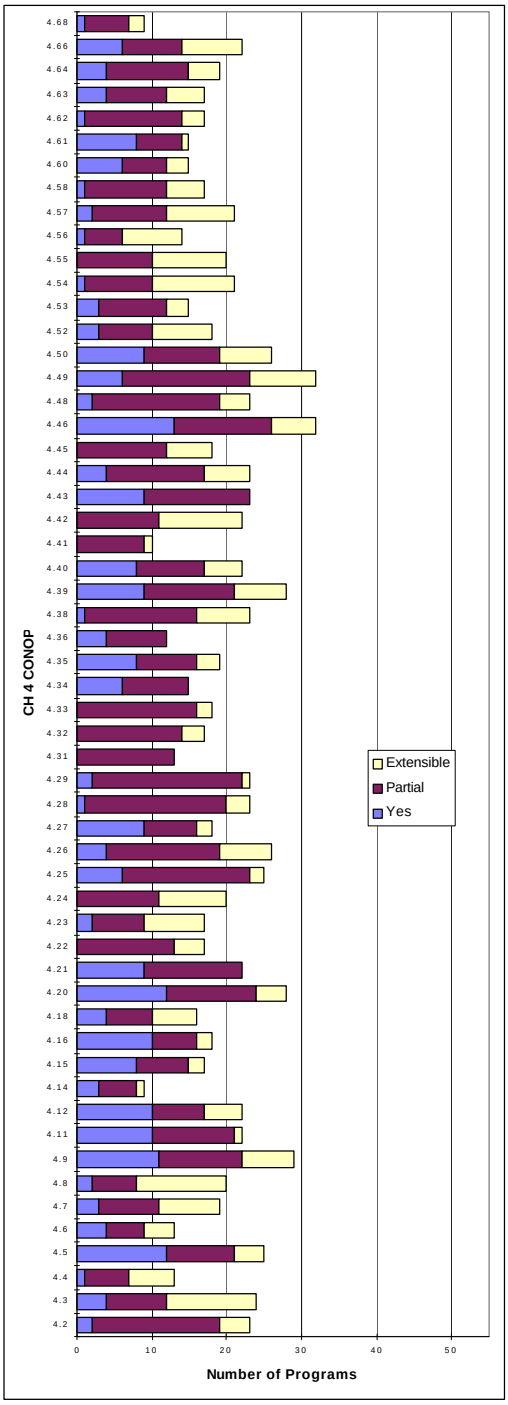

Figure 12: Programs per CONOP Chapter 4

Figure 12 summarizes mappings of all programs to Chapter 4 of the ATS Concept of Operations Narrative. Each mapping of a CONOP to a program received a score of yes, partial, or extensible if a match occurred.

Figure 13 shows a further breakdown of the data per agency. The agencies represented are MITRE (FY 1998), the FAA (FY 1999 and 2000), and NASA AATT.

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications

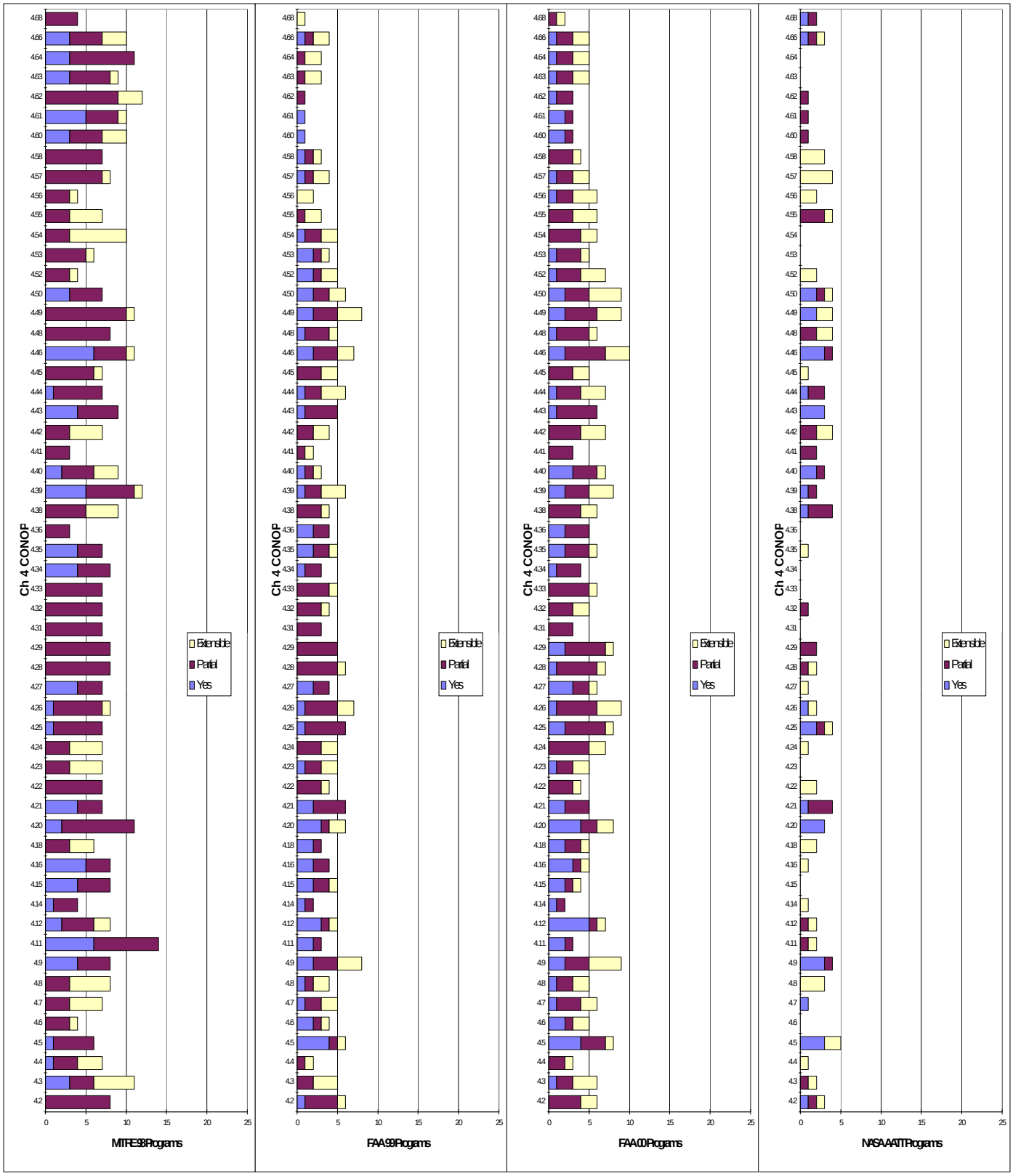

Figure 13: Chapter 4 Programs per CONOP MITRE 98, FAA 99, FAA 00, NASA

3.2.5 CHAPTER 5: EN ROUTE / CRUISE OPERATIONS & SERVICES

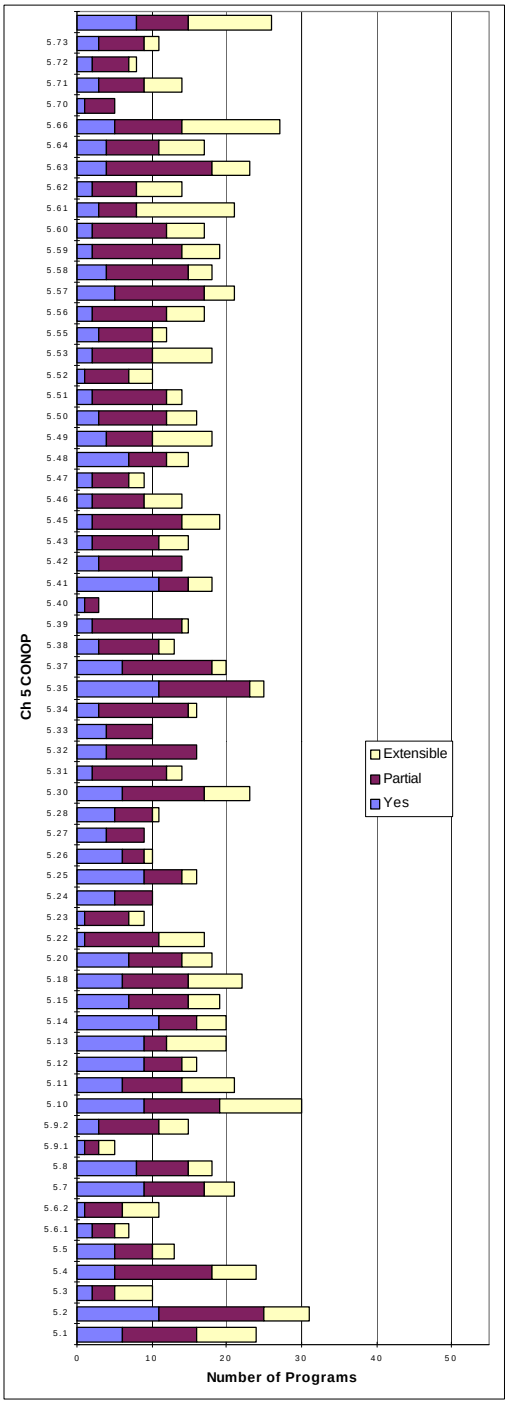

Figure 14: Programs per CONOP Chapter 5

Figure 14 summarizes mappings of all programs to Chapter 5 of the ATS Concept of Operations Narrative. Each mapping of a CONOP to a program received a score of yes, partial, or extensible if a match occurred.

Figure 15 shows a further breakdown of the data per agency. The agencies represented are MITRE (FY 1998), the FAA (FY 1999 and 2000), and NASA AATT.

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications

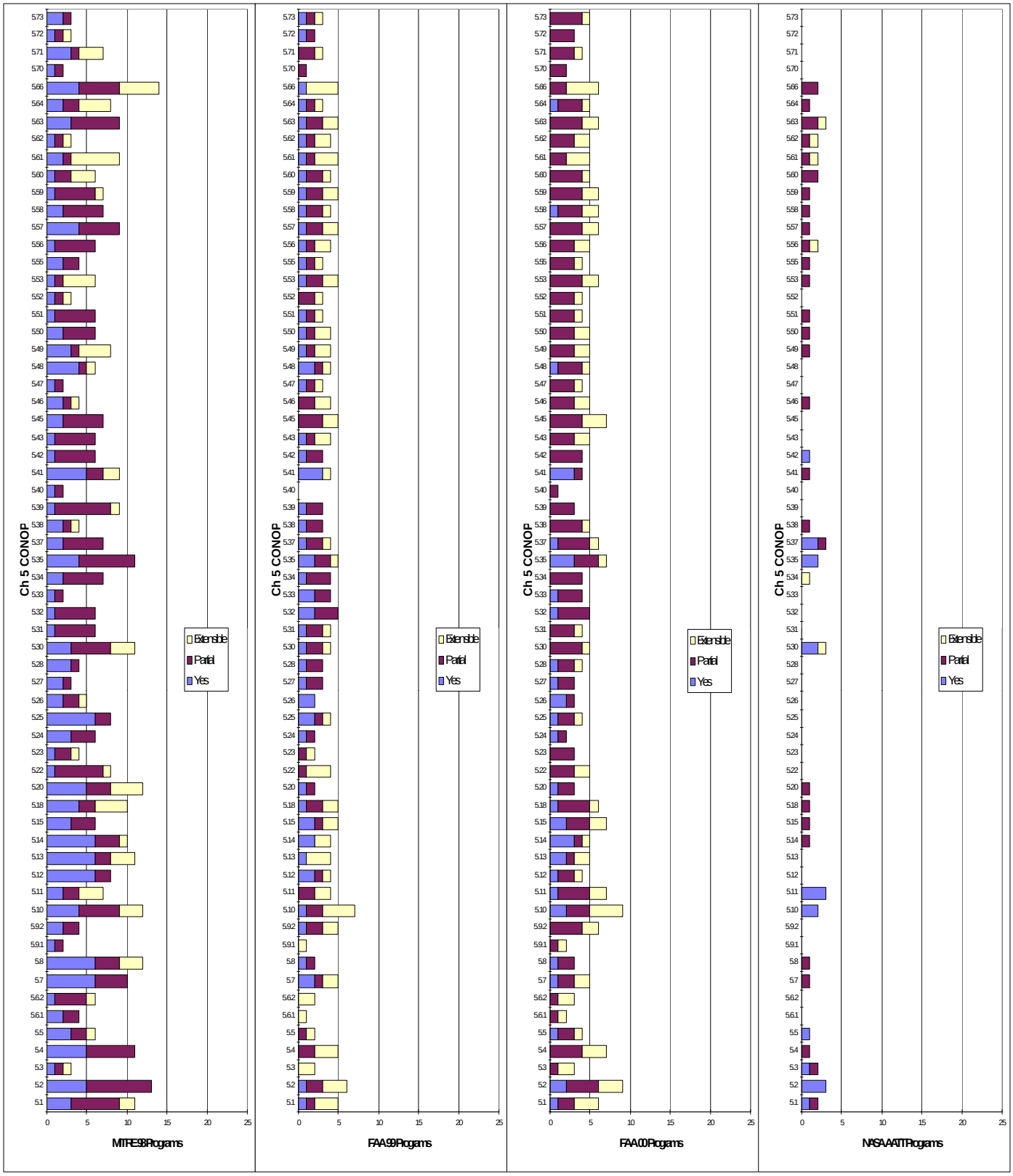

Figure 15: Chapter 5 Programs per CONOP MITRE 98, FAA 99, FAA 00, NASA

3.2.6 CHAPTER 6: OCEANIC OPERATIONS & SERVICES

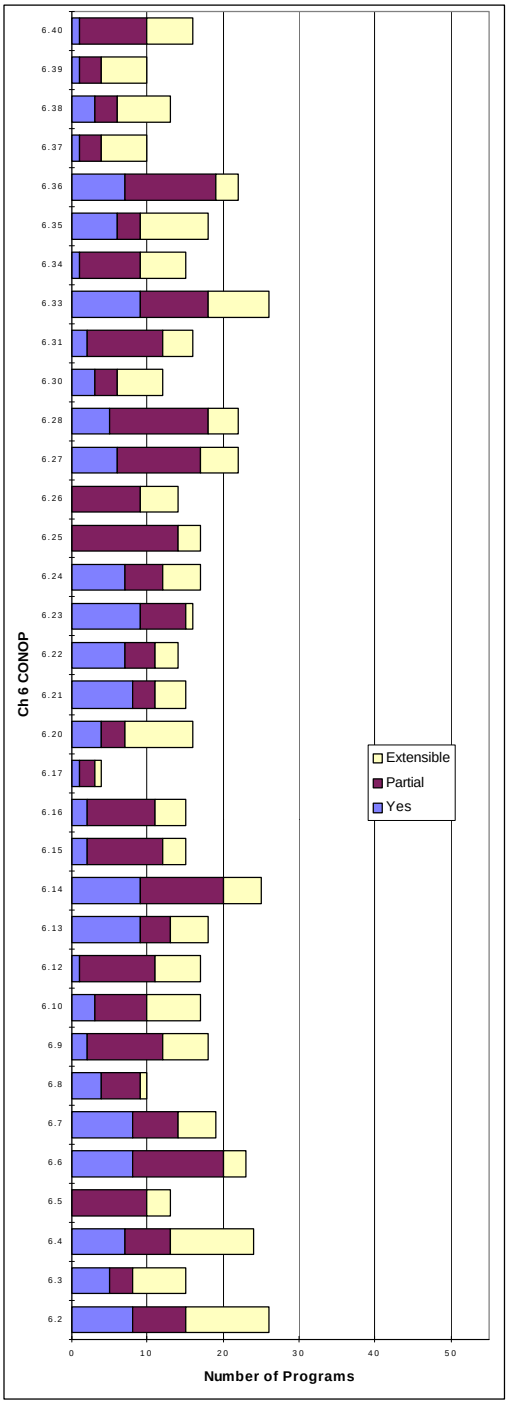

Figure 16: Programs per CONOP Chapter 6

Figure 16 summarizes mappings of all programs to Chapter 6 of the ATS Concept of Operations Narrative. Each mapping of a CONOP to a program received a score of yes, partial, or extensible if a match occurred.

Figure 17 shows a further breakdown of the data per agency. The agencies represented are MITRE (FY 1998), the FAA (FY 1999 and 2000), and NASA AATT.

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications

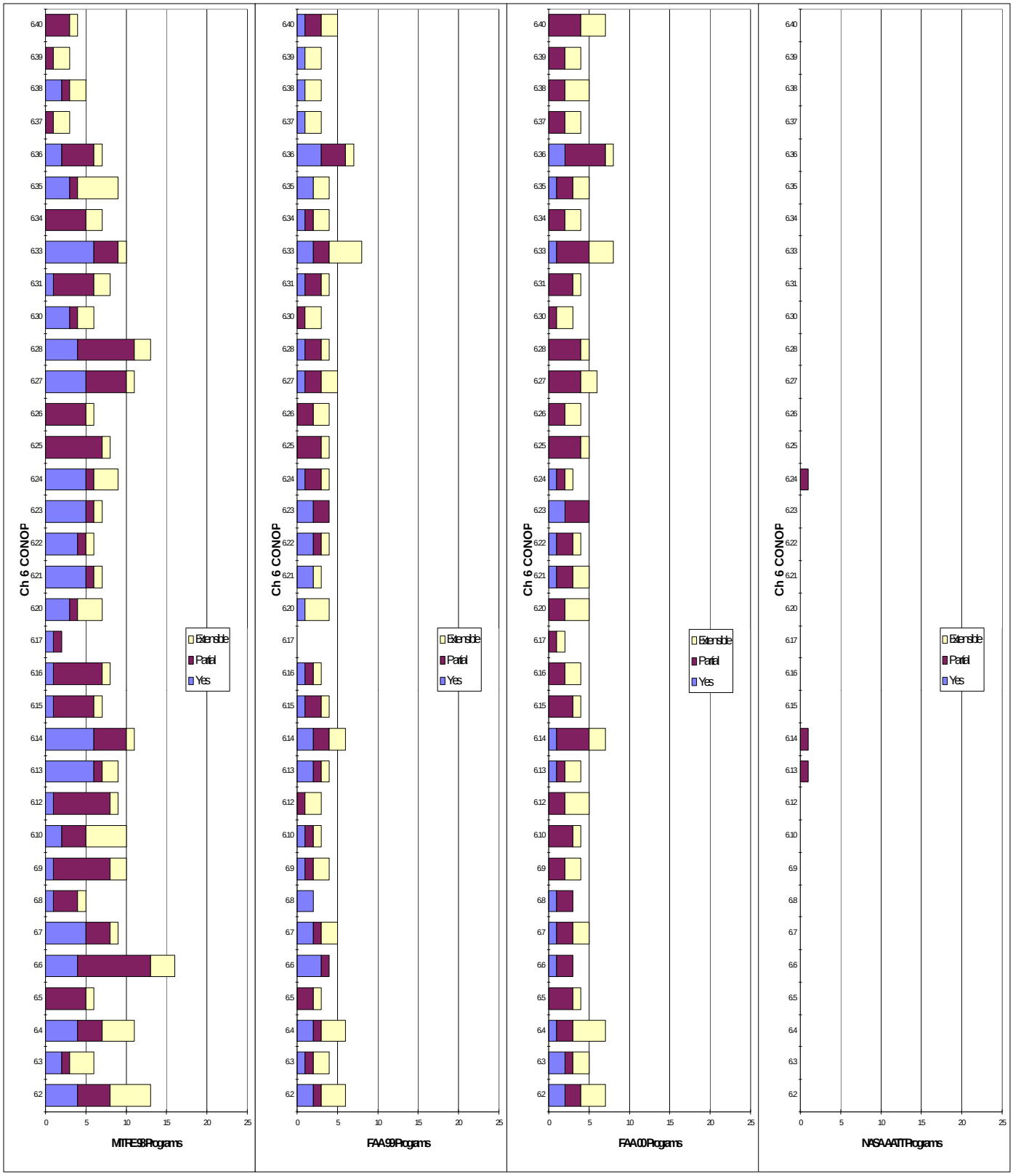

Figure 17: Chapter 6 Programs per CONOP MITRE 98, FAA 99, FAA 00, NASA

3.2.7 CHAPTER 7: NAS MANAGEMENT

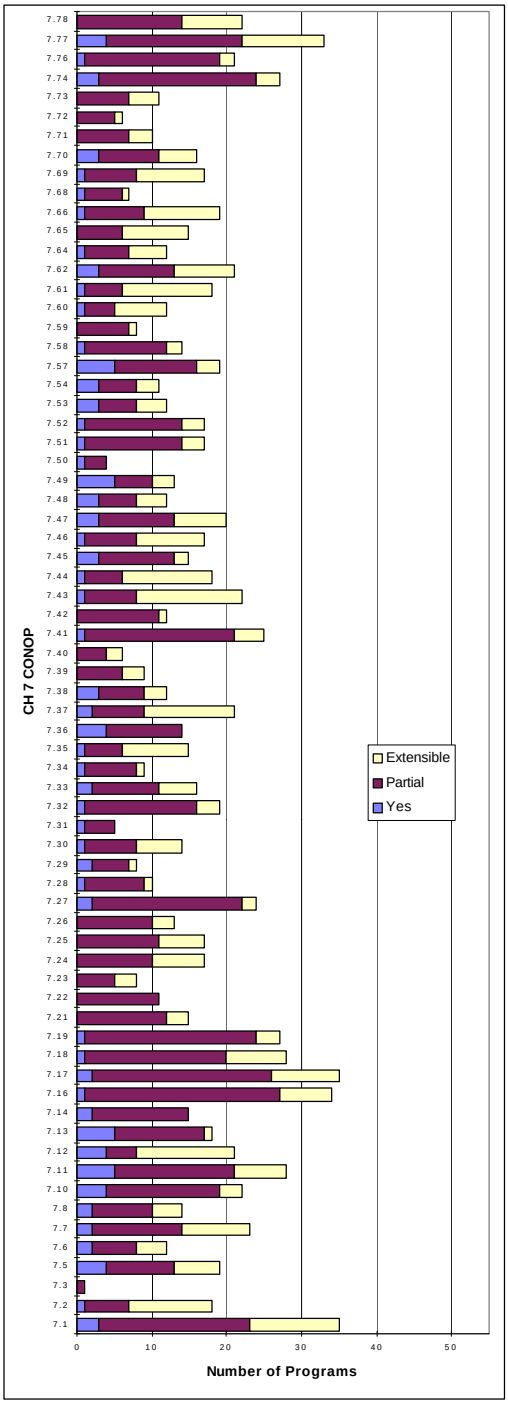

Figure 18: Programs per CONOP Chapter 7

Figure 18 summarizes mappings of all programs to Chapter 7 of the ATS Concept of Operations Narrative. Each mapping of a CONOP to a program received a score of yes, partial, or extensible if a match occurred.

Figure 19 shows a further breakdown of the data per agency. The agencies represented are MITRE (FY 1998), the FAA (FY 1999 and 2000), and NASA AATT.

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications

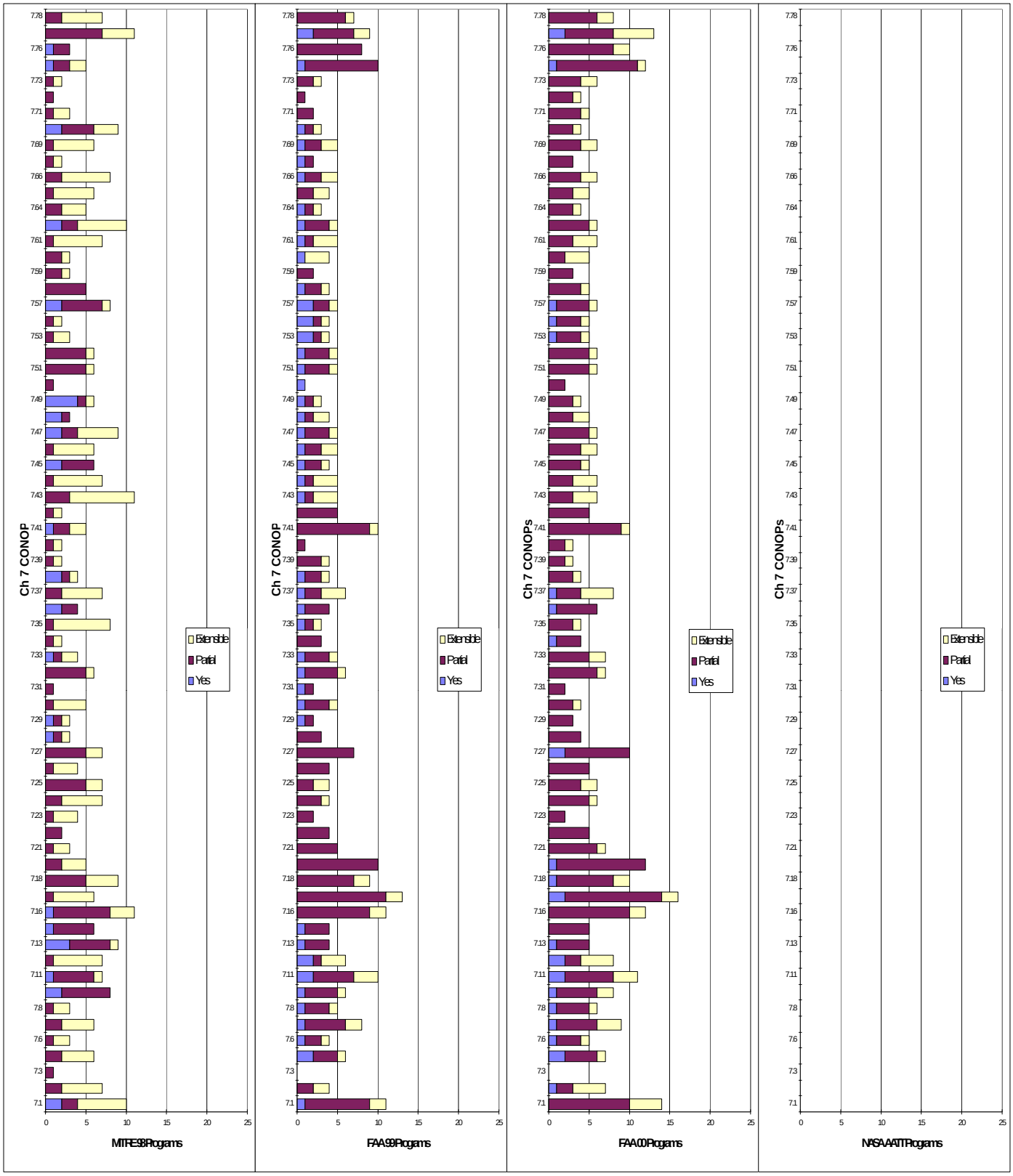

Figure 19: Chapter 7 Programs per CONOP MITRE 98, FAA 99, FAA 00, NASA

3.2.8 CHAPTER 8: MANAGEMENT

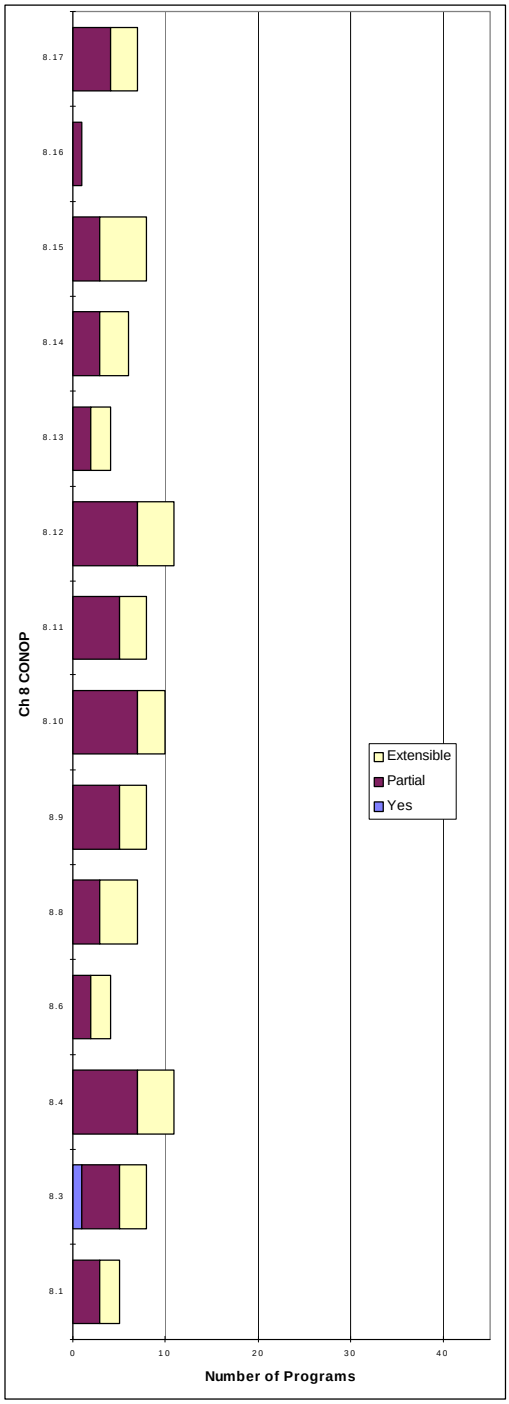

Figure 20: Programs per CONOP Chapter 8

Figure 20 summarizes mappings of all programs to Chapter 8 of the ATS Concept of Operations Narrative. Each mapping of a CONOP to a program received a score of yes, partial, or extensible if a match occurred.

Figure 21 shows a further breakdown of the data per agency. The agencies represented are MITRE (FY 1998), the FAA (FY 1999 and 2000), and NASA AATT.

Rating	*Definition*
Y	yes, the program addresses the CONOP
P	partial, the program supports the CONOP
E	extensible, the program could address the CONOP, with modifications

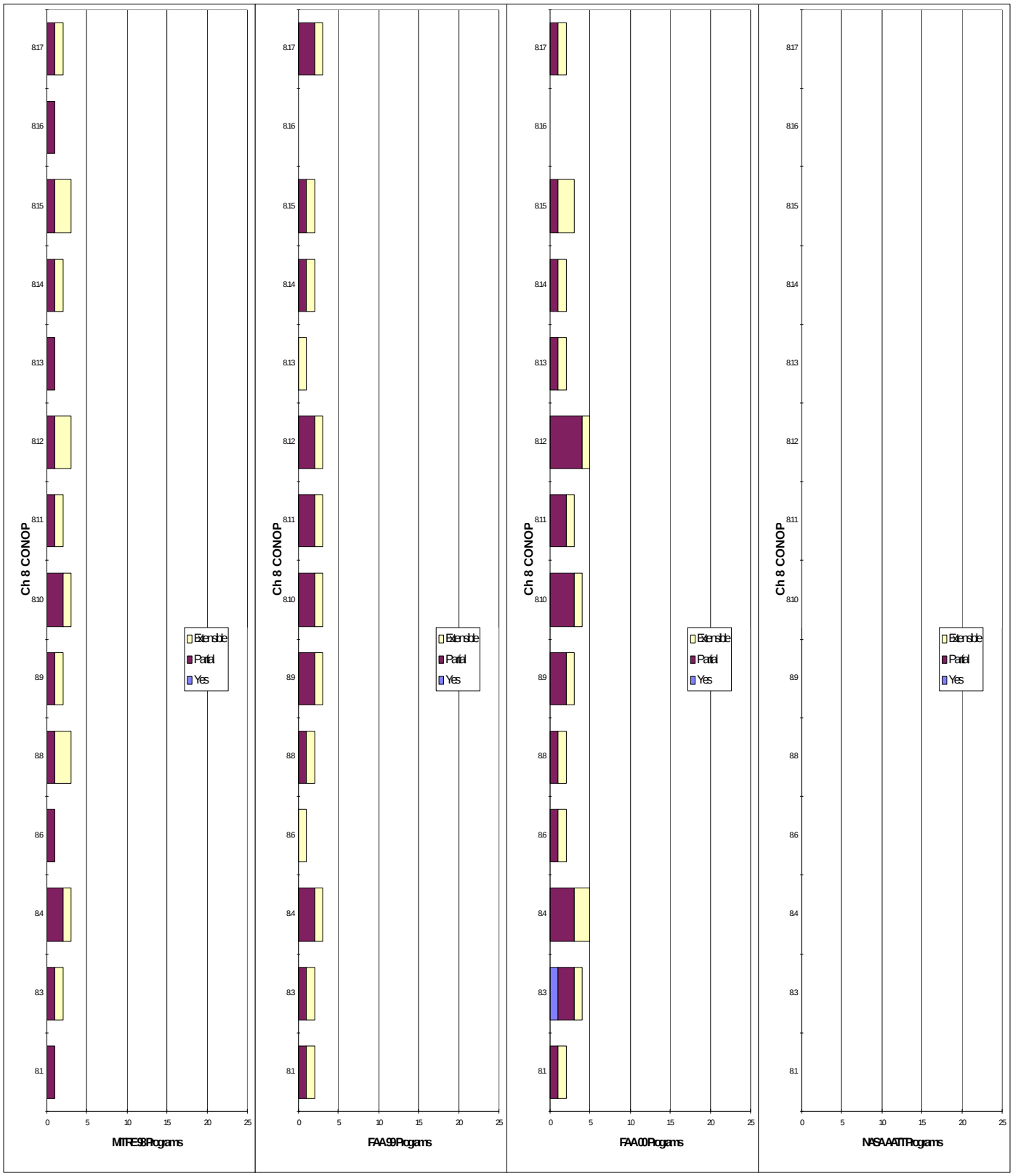

Figure 21: Chapter 8 Programs per CONOP MITRE 98, FAA 99, FAA 00, NASA

3.3 FAA PROGRAMS: FY 1999 AND FY 2000

The FAA programs that were a part of this study came form two sources, fiscal year 1999 and fiscal year 2000. Some programs from FY 1999 were continued into FY 2000, and are listed under both groups. For clarification, the following list represents which programs are only FY 1999 or FY 2000 programs, and which programs continue from FY 1999 into FY 2000. The bold faced programs are programs that were determined to directly, partially, or extensibly address one or more of the CONOPS.

On the far left of the list, are program file names belonging to FY 1999. On the far right of the list, are program file names belonging to FY 2000.

FAA 1999 Program File Name		FAA 2000 Program File Name
99OPSC~2	**Operational Concept Development and Validation**	
FAARPDTBD1	**Next Generation Airport Lighting**	
NAVRPD2	**Satellite Navigation**	
NIMS_RPD	**Infrastructure Requirements Analysis**	
R&DMAPS	**Improved NAS Map Generation**	
SMARPD	**RE&D on Surface Movement**	
TA_EE_~1	**Subsonic Jet Source Noise Reduction Research**	
TFMRPD	**TFM R**&D	
119eds.doc	Electromagnetic Detection	
120eds.doc	Nuclear Explosives Detection	
116EDS DOC	Trace Detection for Electronics, Baggage and Cargo	
115eds.doc	Trace Explosives Detection for Passenger Screening	
118eds.doc	X-Ray Explosives Detection	
117ct.doc	Combined Technology for Explosives Detection	
ADLRPD7D	**Aeronautical Data Link**	**rpdadl**
ADSBRPD	**ADS-B**	**rpdads**
AND620	**Traffic Alert and Collision Avoidance System (TCAS)**	**rpdtca**
AWAFRPD	**Aviation Weather Analysis & Forecasting**	**rpdavw**
FAARPD132	**Airport Planning & Design Technology**	**rpd132**
FAARPD136	**Improved Paving Materials**	**rpd136**
FAARPD138	**National Dynamic Airport Pavement Tests**	**rpd138**
FAARPD143	**Non-Destructive Pavement Testing**	**rpd143**
FAARPD144	**Advanced Airport Pavement Designs**	**rpd144**
FAARPD146	**Improved Airport Lighting Signage and Markings**	**rpd146**
FAARPD148	**Improved Runway Traction**	**rpd148**
FAARPD150	**Airport Wildlife Hazard Abatement**	**rpd150**
FAARPD152	**Improved Rescue & Fire Fighting Equipment & Agents**	**rpd152**
HF99RPD4	**ATS Human Factors**	**rpdhf**
MMRPD99	**Aviation System Capacity Planning**	**rpdasc**
PLANSRPD	**R,E&D Plans and Programs**	**planrpd**
PARTNRPD	**R&D Partnerships**	**partners**
RWYRPD	**Runway Incursion Reduction**	**rpdrun**
SAFESOFT	**Does Software Affect Flight Safety?**	**rpdsof**
124ah.doc	Explosive /Advanced Threat Vulnerability/Mitigation	oorpdach
130asti.doc	Security of Civil Aviation Airports and Air Carriers	oorpdast
128HF.DOC	Human Systems Integration	oorpdhis

Risk Analysis Decision Support 00rpd460
Flight Control Digital Systems 00rpd560
Aircraft Icing..... 00rpd557
Aviation Maintenance Human Factors 3rpd20ma
Flight Deck Human Factors.....9rpd20fd
Aircraft Noise Control .....acna
Aviation Environment Analysis.....aea
National Dynamic Airport Pavement Tests..... rpd138
Next Generation Airport Lighting rpd589
Avionics and Flight Systems Technology .....rpdavf
n Route Oceanic DST Integration ..... rpdenr
Navigation and Landing.....rpdnav
NAS Design for Integration .....rpdndi
Oceanic Separation Standards ..... rpdss
Technical Lab.....rpdtec
Tower Surface Automation .....rpdtos
Terminal Automation Advanced Capabilities Integration .....rpdtea
Technical Lab.....rpdtec
NAS Management..... rpdtfm
Voice Switch Interface Research.....rpdvos
Advanced Materials / Structures.....rpd504
Aeromedical Research.....3rpd20am
Airborne Data Monitoring Systems.....rpd510
Aircraft Catastrophic Failure Prevention Program.....rpd516
Aircraft Crashworthiness.....rpd502
Aircraft Fire Safety and Cabin Safety.....rpd558
Cargo- Explosives and Weapons detection in air cargo .....rpdcgo
Checked Luggage- Explosives and weapons detection in checked luggage .....rpdchb
Checkpoint- Explosives and weapons detection for passengers and carry-on luggagerpdckp
Crash Airworthiness of Aircraft Engines rpd556
Electromagnetic Hazards to Aircraft Systems.....rpd559
Engine Exhaust Emissions Control..... eeec
Fire Resistant Materials rpd517
Flight Standards Data Quality.....rpd554
Inspection Systems Research and Development rpd584
Maintenance and Repair.....rpd511
Rotorcraft Structural Integrity and Safety Issues.....rpd519
Structural Integrity of Commuters.....rpd161
Structural Response Simulation and Modeling.....rpd515
Turbine Engine Research.....rpd419
Unleaded Fuels and Fuel System Safety Research rpd564

3.4 RELATIONSHIP OF NASA AATT PRODUCTS TO FAA RPDS

Due to the fact that the NASA products reviewed in this study are very specific systems, it has been determined that they can not be viewed as duplicate efforts to the broad research areas described by the 1999 and 2000 FAA RPDs. This is not to suggest that they are unrelated but rather that they are specific products that are designed to satisfy a technology need in a given FAA research area.

Below, each of the NASA AATT Products is listed with its related FAA research areas.

Table 6: NASA ATT Product Relation to FAA Programs

NASA AATT PRODUCT	FAA 1999 File Name	FAA 2000 File Name	Title
Traffic Management Advisor (TMA)	TFMRPD		TFM R&D
		rpdtfm	**NAS Management**
	MMRPD99	rpdasc	**Aviation System Capacity Planning**
Passive Final Approach Spacing Tool (P-FAST)	TFMRPD~1.DOC		TFM R&D
	MMRPD99.DOC	rpdasc	**Aviation System Capacity Planning**
		rpdtfm	**NAS Management**
		rpdnav	**Navigation and Landing**
		rpdtea	**Terminal Automation Advanced Capabilities Integration**
Passive Surface Movement Advisor (SMA)	SMARPD		**R,E & D on Surface Movement**
	TFMRPD~1.DOC		**TFM R&D**
	FAARPD152	rpd152	**Improved Rescue & Fire Fighting Equipment & Agents**
	RWYRPD.DOC	rpdrun	**Runway Incursion Reduction**
		rpdtfm	**NAS Management**
		rpdtos	**Tower/Surface Automation**
		rpdtea	**Terminal Automation Advanced Capabilities Integration**
Conflict Prediction and Trial Planning (CPTP)	AND620.DOC	rpdtca	**Traffic Alert and Collision Avoidance System (TCAS)**
	MMRPD99.doc	rptdasc	**Aviation System Capacity Planning**
		rpdtea	**Terminal Automation Advanced Capabilities Integration**
En Route Descent Advisor (EDA)	AND620.doc	rpdtca	**Traffic Alert and Collision Avoidance System (TCAS)**
	MMRPD99.doc	rptdasc	**Aviation System Capacity Planning**
		rpdtea	**Terminal Automation Advanced Capabilities Integration**
Active Final Approach Spacing Tool (A-FAST)	TFMRPD.doc		**TFM R&D**
	MMRPD99.doc	rpdasc	**Aviation System Capacity Planning**
		rpdtfm	**NAS Management**
		rpdnav	**Navigation and Landing**
		rpdtea	**Terminal Automation Advanced Capabilities Integration**

Expedite Departure Path (EDP)	TFMRPD.doc		**TFM R&D**
	MMRPD99.doc	rpdasc	**Aviation System Capacity Planning**
		rpdtfm	**NAS Management**
		rpdtea	**Terminal Automation Advanced Capabilities Integration**
National Surface Advisory Tool (NSAT)	SMARPD		**R,E & D on Surface Movement**
	TFMRPD~1.DOC		**TFM R&D**
	RWYRPD.DOC	rpdrun	**Runway Incursion Reduction**
	FAARPD152	rpd152	**Improved Rescue & Fire Fighting Equipment & Agents**
		rpdtfm	**NAS Management**
		rpdtos	**Tower/Surface Automation**
		rpdtea	**Terminal Automation Advanced Capabilities Integration**
Collaborative Arrival Planning (CAP)	MMRPD99.doc	rpdase	**Aviation System Capacity Planning**
		rpdtea	**Terminal Automation Advanced Capabilities Integration**
Airborne Planner for Avoiding Traffic Hazards (APATH)	HF99RPD4.doc		**ATS Human Factors**
	TFMRPD.doc		**TFM R&D**
	AND620.doc	rpdtca	**Traffic Alert and Collision Avoidance System (TCAS)**
		9rpd20fd	**Flight Deck Human Factors**
		rpdtfm	**NAS Management**
		Rpdtea	**Terminal Automation Advanced Capabilities Integration**
		rpdavf	**Avionics and Flight Systems Technology**
Free Flight Satellite Communication Study	NAVRPD2.doc		**Satellite Navigation**

3.5 ANALYSIS RESULTS PER SUBDOMAIN OF CONOPS

The following data summarizes coverage of areas or “subdomains” within the chapters of the CONOPS. This will provide a further level of detail of the coverage of interest areas in the domains. A subdomain is defined as a service or operation function of a domain. The mappings of programs to CONOPS have been sorted by the subdomain in which the CONOPS belongs. The criteria for a program to appear in this overview is that it must have had at least a “yes” or “partial" judgement to any one of the individual requirements within that subdomain. Although several programs may appear in a subdomain, this should not be interpreted as duplicative activities or efforts. This breakout shows an overview of where some of the agencies' research programs being applied.

3.5.1 FLIGHT PLANNING

Subdomain 2.0- (**Flight Planning Operations & Services**)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • Preferred Routes • FMS/GPS Routes • NIMS • Flight 2000: System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhancements	• Operational Concept Development And Validation • Aeronautical Data Link • ADS-B • TFM R&D	• NAS Design for Integration • Aeronautical Data Link • ADS-B • TFM R&D	• Free Flight Communication Study

Subdomain 2.1-(**Flight Planning Operations & Services**-Environment)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • Preferred Routes • NIMS • Flight 2000: System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhancements • En Route Operational Concepts • En Route Architecture	• Operational Concept Development And Validation • Aeronautical Data Link • ADS-B • TFM R&D	• NAS Design for Integration • Aeronautical Data Link • ADS-B • TFM R&D	• APATH • Free Flight Communication Study

Subdomain 2.2-(**Flight Planning Operations & Services**-Flight Planning Operations & Services)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • Preferred Routes • System Level Architecture	• Operational Concept Development And Validation • Aeronautical Data Link • Aviation Weather Analysis & Forecasting • TFM R&D • Improved NAS Map Generation	• NAS Design for Integration • Aeronautical Data Link • TFM R&D • Aviation Weather Analysis & Forecasting	• APATH • Free Flight Communication Study

Subdomain 2.3-(**Flight Planning Operations & Services**-Search & Rescue)

Mitre 98	FAA 99	FAA 00	NASA
• System Level Architecture	• Operational Concept Development And Validation • Aeronautical Data Link • TFM R&D	• NAS Design for Integration • Aeronautical Data Link	• Free Flight Communication Study

3.5.2 AIRPORT SURFACE OPERATIONS & SERVICES

Subdomain 3.0-(**Airport Surface Operations & Services**)

Mitre 98	FAA 99	FAA 00	NASA
• Runway Incursions • Terminal Area Evolution Strategy • System Level Architecture • ADS_B Implementation and Evolution Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhancements	• ADS-B • Aviation Weather Analysis & Forecasting • Airport Planning & Design Technology • Improved Paving Materials • Advanced Airport Pavement Designs • Improved Airport Lighting, Signage and Markings • Improved Rescue & Fire Fighting Equipment and Agents • Next Generation Airport Lighting • R&D on Surface Movement • Operational Concept Development And Validation • Aeronautical Data Link • TFM R&D	• NAS Design for Integration • Aeronautical Data Link • Aircraft Icing • Airport Planning & Design Technology • Improved Paving Materials • Advanced Airport Pavement Designs • Improved Airport Lighting, Signage and Markings • Improved Rescue & Fire Fighting Equipment and Agents • Next Generation Airport Lighting • ADS-B • Aviation Weather Forecasting & Analysis • Tower Surface Automation	• CAP • EDP • NSAT • SMA • Free Flight Communication Study

Subdomain 3.1-(**Airport Surface Operations & Services**-Environment)

Mitre 98	FAA 99	FAA 00	NASA
• Runway Incursions • TFM Operational Concept • Consensus-Based TFM Architecture • RVR and SUA Information • Mid-term Collaborative Routing Concept of Operations • NEXCOM Architecture • Terminal Area Evolution Strategy • Flight 2000: System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhancements	• Operational Concept Development And Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis & Forecasting • Improved Airport Lighting, Signage and Markings • Improved Rescue & Fire Fighting Equipment and Agents • Next Generation Airport Lighting • ATS Human Factors • Aviation System Capacity Planning • RE&D on Surface Movement • TFM R&D	• NAS Design for Integration • Improved Airport Lighting , Signage, and Markings • Improved Rescue & Fire Fighting Equipment and Agents • Next Generation Airport Lighting • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Aviation Weather Forecasting & Analysis • ATS Human Factors • Tower Surface Automation	• AFAST • CAP • EDP • Free Flight Communication Study • NSAT • SMA

Subdomain 3.2.1-(**Airport Surface Operations & Services**-Aviation Information)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • Runway Incursions • TFM Operational Concept • Consensus-Based TFM Architecture • Self Managed Arrival Resequencing Tool • NEXCOM Architecture • Terminal Area Evolution Strategy • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecasting • Airport Planning And Design Technology • Improved Paving Materials • Improved Airport Lighting, Signage, And Markings • Improved Runway Traction • Improved Rescue And Fire Fighting Equipment And Agents • Next Generation Airport Lighting • Runway Incursion Reduction • RE&D On Surface Movement • TFM R&D	• NAS Design for Integration • Airport Planning and Design Technology • Improved Paving Materials • Improved Airport Lighting, Signage, and Markings • Improved Runway Traction • Improved Rescue and Fire Fighting Equipment and Agents • Next Generation Airport Lighting, Signage and Markings • Aeronautical Data Link • ADS-B • Avionics and Flight System Technology • Aviation Weather Analysis & Forecasting • Runway Incursion Reduction • Tower Surface Automation	• CAP • EDP • Free Flight Communication STUDY • NSAT • SMA

Subdomain 3.2.2 (**Airport Surface Operations & Services**-Separation Assurance)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • Runway Incursions • Terminal Area Evolution Strategy • Terminal Area Operational Concepts • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Aeronautical Data Link • ADS-B • Airport Planning And Design Technology • Improved Airport Lighting, Signage, And Markings • Next Generation Airport Lighting • ATS Human Factors • Runway Incursion Reduction • RE&D On Surface Movement • TFM R&D	• NAS Design for Integration • Airport Planning and Design Technology • Improved Airport Lighting, Signage, and Markings • Next Generation Airport Lighting, Signage and Markings • Aeronautical Data Link • ADS-B • ATS Human Factors • Runway Incursion Reduction • Tower Surface Automation	• CAP • NSAT • SMA

Subdomain 3.2.3 (**Airport Surface Operations & Services** -Traffic Management Services)

Mitre 98	FAA 99	FAA 00	NASA
• Terminal Area Evolution Strategy • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• ADS-B • Aviation Weather Analysis and Forecasting • Improved Airport Lighting, Signage, And Markings • Next Generation Airport Lighting • ATS Human Factors • TFM R&D	• NAS Design for Integration • Improved Airport Lighting, Signage, and Markings • Next Generation Airport Lighting, Signage and Markings • ADS-B • Aviation Weather Analysis & Forecasting • ATS Human Factors • Tower Surface Automation	• NSAT • SMA

3.5.3 DEPARTURE AND ARRIVAL SERVICES

Subdomain 4.0 (**Departure and Arrival Services** - Departure and Arrival Services)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • Runway Incursions • Airspace Design • STARS Human Factors • Self Managed Arrival Resequencing Tool • Consensus-Based Navigation System Evolution Strategy • Future GPS • Terminal Area Needs Assessment • Terminal Area Evolution Strategy • Terminal Area Operational Concepts • FMS/GPS Routes • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Traffic Collision Avoidance System (TCAS) • Aviation Weather Analysis and Forecasting • Improved Airport Lighting, Signage, and Markings • Aviation System Capacity Planning • Improved NAS Map Generation • Runway Incursion Reduction • RE&D On Surface Movement • Subsonic Jet Source Noise Reduction Research • TFM R&D	• NAS Design for Integration • Improved Airport Lighting, Signage, and Markings • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Avionics and Flight System Technology • Aviation Weather Analysis & Forecasting • En Route/Oceanic DST Integration • Navigation and Landing • Runway Incursion Reduction • Traffic Collision Avoidance System (TCAS) • Terminal Automation Capabilities Integration • TFM R&D	• AFAST • APATH • CAP • EDP • Free Flight Communication Study • NSAT • P-FAST • TMA

Subdomain 4.1 (**Departure and Arrival Services** -Environment)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • STARS Human Factors • Self Managed Arrival Resequencing Tool • Consensus-Based Navigation System Evolution Strategy • Future GPS • NEXCOM Architecture • Terminal Area Needs Assessment • Terminal Area Evolution Strategy • Terminal Area Operational Concepts • FMS/GPS Routes • System Level Architecture • Certification of F2K Avionics • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecast • Improved Airport Lighting, Signage, And Markings • Runway Incursion Reduction • RE&D On Surface Movement • TFM R&D	• NAS Design for Integration • Improved Airport Lighting, Signage, and Markings • Aeronautical Data Link • ADS-B • Avionics and Flight System Technology • Aviation Weather Analysis & Forecasting • En Route/Oceanic DST Integration • Navigation and Landing • Runway Incursion Reduction • TFM R&D • Voice Switch Interface Research	• AFAST • Free Flight Communication Study • NSAT • P-FAST • TMA

Subdomain 4.2.1 (**Departure and Arrival Services-**Separation Assurance)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • Surveillance • STARS Human Factors • Self Managed Arrival Resequencing Tool • Collaborative Routing Coordination Tool • Consensus-Based Navigation System Evolution Strategy • WAAS Phase 1 Capability • Phase E Capability • LAAS Capability for CAT I/II/III Precision Approach • Terminal Area Needs Assessment • Terminal Area Evolution Strategy • Terminal Area Operational Concepts • FMS/GPS Routes • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Traffic Collision Avoidance System (TCAS) • Aviation Weather Analysis and Forecasting • Improved Airport Lighting, Signage, and Markings • ATS Human Factors • Aviation System Capacity Planning • Improved NAS Map Generation • Runway Incursion Reduction • Subsonic Jet Source Noise Reduction Research • TFM R&D	• NAS Design for Integration • Improved Airport Lighting, Signage, and Markings • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Avionics and Flight System Technology • Aviation Weather Analysis & Forecasting • En Route/Oceanic DST Integration • ATS Human Factors • Runway Incursion Reduction • Traffic Collision Avoidance System (TCAS) • Terminal Automation Capabilities Integration • TFM R&D	• AFAST • EDP • Free Flight Communication Study • NSAT • P-FAST • TMA

Subdomain 4.2.2 (**Departure and Arrival Services -**Traffic Management Services)

Mitre 98	FAA 99	FAA 00	NASA
• STARS Human Factors • TFM Operational Concept • Consensus-Based TFM Architecture • Terminal Area Needs Assessment • Terminal Area Evolution Strategy • Terminal Area Operational Concepts • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecasting • Improved Airport Lighting, Signage, And Markings • ATS Human Factors • Runway Incursion Reduction • RE&D On Surface Movement • TFM R&D	• NAS Design for Integration • Improved Airport Lighting, Signage, and Markings • Aeronautical Data Link • ADS-B • Aviation Weather Analysis & Forecasting • En Route/Oceanic DST Integration • ATS Human Factors • Runway Incursion Reduction • Terminal Automation Capabilities Integration • TFM R&D	• AFAST • EDP • P-FAST • TMA

Subdomain 4.2.3 (**Departure and Arrival Services -** Navigation / Landing Services)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • STARS Human Factors • WAAS Phase 1 Capability • Phase E Capability • LAAS Capability for CAT I/II/III Precision Approach • Future GPS • Terminal Area Needs Assessment • Terminal Area Evolution Strategy • FMS/GPS Routes • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • ADS-B	• NAS Design for Integration • ADS-B • Navigation and Landing	• Free Flight Communication Study

Subdomain 4.2.4 (**Departure and Arrival Services -** Airspace Management)

Mitre 98	FAA 99	FAA 00	NASA
• 250KT Speed Restriction • STARS Human Factors • Consensus-Based Navigation System Evolution Strategy • Terminal Area Needs Assessment • Terminal Area Evolution Strategy • FMS/GPS Routes • System Level Architecture • ADS-B Implementation and Evaluation Strategy	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B	• NAS Design for Integration • Aeronautical Data Link • ADS-B	• EDP

3.5.4 EN ROUTE/CRUISE OPERATIONS AND SERVICES

Subdomain 5.0 (**En Route/Cruise Operations and Services** - En Route / Cruise Operations and Services)

Mitre 98	FAA 99	FAA 00	NASA
• Miles-in-Trail Restrictions • Preferred Routes • Airspace Design • Surveillance • TFM Operational Concept • Consensus-Based TFM Architecture • Collaborative Routing Coordination Tool • Collaborative Routing Concept of Operations • URET • Initial Conflict Probe • Initial Conflict Probe • En Route Operational Concepts • En Route Architecture • Future GPS • NEXCOM Architecture • FMS/GPS Routes • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecasting • ATS Human Factors • Aviation System Capacity Planning	• NAS Design for Integration • Satellite Navigation • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Aviation Weather Analysis & Forecasting • En Route/Oceanic DST Integration • ATS Human Factors • TFM R&D • Voice Switch Interface Research	• APATH • CPTP • EDA • Free Flight Communication Study

Subdomain 5.1 (**En Route/Cruise Operations and Services -** Environment)

Mitre 98	FAA 99	FAA 00	NASA
• Miles-in-Trail Restrictions • Preferred Routes • Surveillance • Self Managed Arrival Resequencing Tool • Collaborative Routing Coordination Tool • Collaborative Routing Concept of Operations • URET • Initial Conflict Probe • Initial Conflict Probe • En Route Operational Concepts • En Route Architecture • Consensus-Based Navigation System Evolution Strategy • Future GPS • NEXCOM Investment Decision • NEXCOM Architecture • FMS/GPS Routes • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Traffic Collision Avoidance System (TCAS) • Aviation Weather Analysis and Forecasting • ATS Human Factors • TFM R&D	• NAS Design for Integration • Aeronautical Data Link • ADS-B • Aviation Weather Analysis & Forecasting • En Route/Oceanic DST Integration • ATS Human Factors • Navigation and Landing • Traffic Collision Avoidance System (TCAS) • TFM R&D	• APATH • CPTP • EDA • Free Flight Communication STUDY

Subdomain 5.2.1 (**En Route/Cruise Operations and Services -** Separation Assurance)

Mitre 98	FAA 99	FAA 00	NASA
• Miles-in-Trail Restrictions • Preferred Routes • Collaborative Routing Coordination Tool • URET • Initial Conflict Probe • En Route Operational Concepts • En Route Architecture • Future GPS • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Traffic Collision Avoidance System (TCAS) • Aviation Weather Analysis and Forecasting • ATS Human Factors • TFM R&D	• NAS Design for Integration • Aeronautical Data Link • ADS-B • Aviation Weather Analysis & Forecasting • En Route/Oceanic DST Integration • ATS Human Factors • Navigation and Landing • Traffic Collision Avoidance System (TCAS) • TFM R&D	• APATH • CPTP • EDA • Free Flight Communication STUDY

Subdomain 5.2.2 (**En Route/Cruise Operations and Services -** Traffic Flow Management)

Mitre 98	FAA 99	FAA 00	NASA
• Preferred Routes • NIMS • TFM Operational Concept • Consensus-Based TFM Architecture • URET • Initial Conflict Probe • Initial Conflict Probe • En Route Operational Concepts • En Route Architecture • NEXCOM Architecture • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecasting • ATS Human Factors • Aviation System Capacity Planning • Improved NAS Map Generation • TFM R&D	• NAS Design for Integration • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Avionics and Flight System Technology • Aviation Weather Analysis & Forecasting • ATS Human Factors • TFM R&D	• APATH • CPTP • EDP • Free Flight Communication STUDY

Subdomain 5.2.3 (**En Route/Cruise Operations and Services -** Airspace Management)

Mitre 98	FAA 99	FAA 00	NASA
• TFM Operational Concept • Consensus-Based TFM Architecture • En Route Operational Concepts • En Route Architecture • System Level Architecture	• Operational Concept-Development and Validation • Aviation System Capacity Planning • TFM R&D	• NAS Design for Integration • Aviation System Capacity Planning • TFM R&D • Voice Switch Interface Research	

3.5.5 OCEANIC OPERATIONS AND SERVICES

Subdomain 6.0 (**Oceanic Operations and Services**)

Mitre 98	FAA 99	FAA 00	NASA
• Preferred Routes • Airspace Design • Surveillance • Self Managed Arrival Resequencing Tool • Collaborative Routing Concept of Operations • URET • Initial Conflict Probe • Initial Conflict Probe • Near-term Capabilities Definition • Oceanic Domain Concept Evolution for Mid Term • Oceanic Architecture Strategy to the Mid-term • Consensus-Based Navigation System Evolution Strategy • NEXCOM Investment Decision • NEXCOM Architecture • FMS/GPS Routes • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Traffic Collision Avoidance System (TCAS) • ATS Human Factors • TFM R&D	• NAS Design for Integration • Aeronautical Data Link • ADS-B • Avionics and Flight System Technology • ATS Human Factors • Oceanic Separation Standards • Traffic Collision Avoidance System (TCAS)	

Subdomain 6.1 (**Oceanic Operations and Services** - Environment)

Mitre 98	FAA 99	FAA 00	NASA
• Preferred Routes • Airspace Design • NAS Operational Concepts • Self Managed Arrival Resequencing Tool • En Route Architecture • Near-term Capabilities Definition • Oceanic Domain Concept Evolution for Mid Term • Oceanic Architecture Strategy to the Mid-term • Future GPS • NEXCOM Investment Decision • NEXCOM Architecture • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • ATS Human Factors • TFM R&D	• NAS Design for Integration • Satellite Navigation • Aeronautical Data Link • ADS-B • ATS Human Factors • TFM R&D	• Free Flight Communication STUDY

Subdomain 6.2.1 (**Oceanic Operations and Services** - Separation Assurance)

Mitre 98	FAA 99	FAA 00	NASA
• TFM Operational Concept • Consensus-Based TFM Architecture • Collaborative Routing Coordination Tool • URET • Initial Conflict Probe • En Route Operational Concepts • En Route Architecture • Oceanic Domain Concept Evolution for Mid Term • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Traffic Collision Avoidance System (TCAS) • ATS Human Factors • TFM R&D	• NAS Design for Integration • Satellite Navigation • Aeronautical Data Link • ADS-B • ATS Human Factors • Oceanic Separation Standards • Traffic Collision Avoidance System (TCAS) • TFM R&D	• Free Flight Communication STUDY

Subdomain 6.2.2 (**Oceanic Operations and Services** - Traffic and Airspace Management)

Mitre 98	FAA 99	FAA 00	NASA
• Preferred Routes • Airspace Design • TFM Operational Concept • Consensus-Based TFM Architecture • Self Managed Arrival Resequencing Tool • Near-term Capabilities Definition • Oceanic Domain Concept Evolution for Mid Term • Oceanic Architecture Strategy to the Mid-term • NEXCOM Investment Decision • NEXCOM Architecture • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Requirements	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Traffic Collision Avoidance System (TCAS) • Aviation Weather Analysis and Forecasting • ATS Human Factors • TFM R&D	• NAS Design for Integration • Aeronautical Data Link • ADS-B • Aviation Weather Analysis & Forecasting • ATS Human Factors • Traffic Collision Avoidance System (TCAS) • TFM R&D	

3.5.6 NAS MANAGEMENT

Subdomain 7.0 (**NAS Management**)

Mitre 98	FAA 99	FAA 00	NASA
• Airspace Design • En Route Architecture • System Level Architecture • ADS-B Implementation and Evaluation Strategy	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Improved Paving Materials • Improved Runway Traction • Improved Rescue and Fire Fighting Equipment and Agents • Improved Rescue and Fire Fighting Equipment and Agents • ATS Human Factors • Aviation System Capacity Planning • TFM R&D	• NAS Design for Integration • Improved Paving Materials • Improved Runway Traction • Airport Wildlife Hazard Abatement • Improved Rescue and Fire Fighting Equipment and Agents • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • ATS Human Factors • TFM R&D	

Subdomain 7.1.1 (**NAS Management** - Traffic Flow Management)

Mitre 98	FAA 99	FAA 00	NASA
• NIMS • Airspace Design • STARS Human Factors • TFM Operational Concept • Consensus-Based TFM Architecture • Collaborative Routing Concept of Operations • En Route Operational Concepts • En Route Architecture • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Requirements	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecasting • Improved Paving Materials • Improved Airport Lighting, Signage, And Markings • Improved Rescue And Fire Fighting Equipment And Agents • Improved Rescue And Fire Fighting Equipment And Agents • Next Generation Airport Lighting • ATS Human Factors • Aviation System Capacity Planning • Infrastructure Requirements Analysis • TFM R&D	• NAS Design for Integration • Improved Paving Materials • Improved Airport Lighting, Signage, and Markings • Airport Wildlife Hazard Abatement • Improved Rescue and Fire Fighting Equipment and Agents • Next Generation Airport Lighting, Signage and Markings • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Aviation Weather Analysis & Forecasting • ATS Human Factors • TFM R&D	

Subdomain 7.1.2 (**NAS Management** - Infrastructure Management)

Mitre 98	FAA 99	FAA 00	NASA
• NIMS • Airspace Design • NAS Architecture • NAS Operational Concepts • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecasting • Airport Planning And Design Technology • Improved Paving Materials • Non-Destructive Pavement Testing • Advanced Airport Pavement Design • Improved Runway Traction • Improved Rescue And Fire Fighting Equipment And Agents • Improved Rescue And Fire Fighting Equipment And Agents • Next Generation Airport Lighting • ATS Human Factors • Aviation System Capacity Planning • Infrastructure Requirements Analysis • R&D Partnerships • RE&D Plans and Programs	• NAS Design for Integration • Airport Planning and Design Technology • Improved Pavement Materials • Non-Destructive Pavement Testing • Advanced Airport Pavement Design • Improved Runway Traction • Airport Wildlife Hazard Abatement • Improved Rescue and Fire Fighting Equipment and Agents • Next Generation Airport Lighting, Signage and Markings • R&D Partnerships • • RE&D Plans and Programs • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Aviation Weather Analysis & Forecasting • ATS Human Factors • Terminal Automation Capabilities Integration • TFM R&D	

Subdomain 7.2.1 (**NAS Management** - Traffic Flow Management)

Mitre 98	FAA 99	FAA 00	NASA
• NIMS • STARS Human Factors • TFM Operational Concept • Consensus-Based TFM Architecture • Collaborative Routing Concept of Operations • En Route Architecture • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecasting • Airport Planning And Design Technology • ATS Human Factors • Aviation System Capacity Planning • Infrastructure Requirements Analysis • TFM R&D	• NAS Design for Integration • Airport Planning and Design Technology • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Aviation Weather Analysis & Forecasting • ATS Human Factors • Terminal Automation Capabilities Integration • TFM R&D	

Subdomain 7.2.2 (**NAS Management** - Infrastructure)

Mitre 98	FAA 99	FAA 00	NASA
• NIMS • System Research • TFM Operational Concept • Consensus-Based TFM Architecture • System Level Architecture	• Operational Concept-Development and Validation • Airport Planning And Design Technology • Non-Destructive Pavement Testing • Advanced Airport Pavement Design • Improved Runway Traction • Improved Rescue And Fire Fighting Equipment And Agents • Improved Rescue And Fire Fighting Equipment And Agents • ATS Human Factors • Aviation System Capacity Planning • Infrastructure Requirements Analysis • RE&D Plans And Programs • TFM R&D	• NAS Design for Integration • Airport Planning and Design Technology • Non-Destructive Pavement Testing • Advanced Airport Pavement Design • Improved Runway Traction • Airport Wildlife Hazard Abatement • Improved Rescue and Fire Fighting Equipment and Agents • RE&D PLANS AND PROGRAMS • Aviation System Capacity Planning • ATS Human Factors	

Subdomain 7.3.1 (**NAS Management** - Traffic Flow Management)

Mitre 98	FAA 99	FAA 00	NASA
• NIMS • Airspace Design • Surveillance • System Research • STARS Human Factors • TFM Operational Concept • Consensus-Based TFM Architecture • En Route Operational Concepts • En Route Architecture • Terminal Area Needs Assessment • Terminal Area Evolution Strategy • System Level Architecture • ADS-B Implementation and Evaluation Strategy • ADS-B Procedures • TCAS Enhancements • Surveillance Enhance	• Operational Concept-Development and Validation • ADS-B • Traffic Collision Avoidance System (TCAS) • Aviation Weather Analysis and Forecasting • Airport Planning And Design Technology • Advanced Airport Pavement Design • ATS Human Factors • Aviation System Capacity Planning • TFM R&D	• NAS Design for Integration • Airport Planning and Design Technology • Advanced Airport Pavement Design • ADS-B • Aviation System Capacity Planning • Aviation Weather Analysis & Forecasting • ATS Human Factors • Traffic Collision Avoidance System (TCAS) • TFM R&D	

Subdomain 7.3.2 (**NAS Management** - Infrastructure)

Mitre 98	FAA 99	FAA 00	NASA
• NIMS • Surveillance • STARS Human Factors • NEXCOM Investment Decision • NEXCOM Architecture • System Level Architecture • ADS-B Implementation and Evaluation Strategy	• Operational Concept-Development and Validation • Aeronautical Data Link • ADS-B • Aviation Weather Analysis and Forecasting • Airport Planning And Design Technology • Improved Paving Materials • Non-Destructive Pavement Testing • Advanced Airport Pavement Design • Improved Airport Lighting, Signage, And Markings • Improved Runway Traction • Improved Rescue And Fire Fighting Equipment And Agents • Improved Rescue And Fire Fighting Equipment And Agents • Next Generation Airport Lighting • Aviation System Capacity Planning • Infrastructure Requirements Analysis • RE&D Plans And Programs	• NAS Design for Integration • Airport Planning and Design Technology • Improved Paving Materials • Non-Destructive Pavement Testing • Advanced Airport Pavement Design • Improved Airport Lighting, Signage, and Markings • Improved Runway Traction • Airport Wildlife Hazard Abatement • Improved Rescue and Fire Fighting Equipment and Agents • Next Generation Airport Lighting, Signage and Markings • RE&D PLANS AND PROGRAMS • Aeronautical Data Link • ADS-B • Aviation System Capacity Planning • Aviation Weather Analysis & Forecasting • Terminal Automation Capabilities Integration • Voice Switch Interface Research	

3.5.7 MANAGEMENT

Subdomain 8.0 (**Management**)

Mitre 98	FAA 99	FAA 00	NASA
• NIMS • STARS Human Factors • System Level Architecture	• Operational Concept-Development and Validation • ATS Human Factors • Infrastructure Requirements Analysis	• NAS Design for Integration • Aviation Maintenance Human Factors • ATS Human Factors • Technical Lab	

Subdomain 8.1 (**Management** - Environment)

Mitre 98	FAA 99	FAA 00	NASA
• System Level Architecture	• Operational Concept-Development and Validation • Infrastructure Requirements Analysis • RE&D Plans And Programs	• NAS Design for Integration • Aviation Maintenance Human Factors • RE&D Plans And Programs • Aviation System Capacity Planning • Technical Lab	

Subdomain 8.2 (**Management** - Management Operations and Services)

Mitre 98	FAA 99	FAA 00	NASA
• System Level Architecture	• Operational Concept-Development and Validation • Infrastructure Requirements Analysis • TFM R&D	• NAS Design for Integration	

4 CONCLUSIONS

The mapping of research and development programs to the Level I CONOPS creates a picture of how ongoing work relates to the vision of the future of air traffic described in the "Air Traffic Services Concept of Operations for the National Airspace System in 2005: Narrative." While this report has documented these relationships it has also brought to light some additional aspects of the nature of the programs and the mapping process.

System Integration "Capstone" Programs Are Needed: It is important to note that there are few CONOPS that are fully addressed by one individual program. In most cases, the CONOP is covered by a group of programs that potentially satisfy the complete functional needs of that CONOP. In other words, there are several program to CONOP matches with only a partial judgement assigned to them, that together form one integrated solution. There is the need for “capstone” programs to be developed that will combine the capabilities of all the programs relative to that CONOP to form one combined solution. An example of this need is the following:

CONOP 4.32 from Departure and Arrival Services reads. “The service provider maintains separation between controlled aircraft and active SUAs, and between controlled aircraft and terrain /obstructions”.

The means, or technology solutions that makes this CONOP possible, are derived by integrating the capabilities of several programs and tools that matched in only a “partial” capacity. The following are the programs that mapped to this CONOP in both a potential and extensible judgement.

Table 7: Example in Support of Capstone Projects

File Name	Program Name	Rating
Rpdtea	**FAA FY00-** Terminal Automation Advanced Capabilities Integration	P
Rpdndi	**FAA FY00-**NAS Design for Integration	P
Adsbrpd	**FAA FY99 & FY00**-Automatic Dependent Surveillance (ADS-B)	P
And620	**FAA FY99 & FY00**-Traffic Alert and Collision Avoidance System (TCAS)	E
R&Dmaps2	**FAA FY99**-Improved NAS Map Generation	P
Tfmrpd~1	**FAA FY99**-Traffic Flow Management R&D	P
Mitre 98.9.1	**MITRE FY98-** ADS-B Procedures	P
Mitre 98.8.4	**MITRE FY98-** Flight 2000: ADS-B Implementation and Evaluation Strategy	P
Mitre 98.9.3	**MITRE FY98**- Surveillance Requirements	P
Mitre 98.9.2	**MITRE FY98**- TCAS Enhancements	P
Mitre 98.7.2	**MITRE FY98-** Terminal Area Evolution Strategy	P
Mitre 98.15.1	**MITRE FY98**-STARS Human Factors	P
AFAST	**NASA FY98**- Active Final Approach Spacing Tool	P

FAA vs. NASA: In the analysis of FAA vs. NASA, no true overlaps occurred because the program goals of the agencies differ. While the FAA Research Program Descriptions create definitions of procedures, implementation plans, or technology integration, the NASA programs create tools that are technology solutions.

Budget Impacts: Although this study has created mappings of programs that satisfy Level I CONOPS, whether or not those programs will be completed has not been evaluated. Because of this stipulation, budget will greatly impact future programs and the fulfillment of the Level I CONOPS.

Categorization is an Effective Tool for Mapping: In the mapping process outlined in this study, 129 programs were mapped against 390 Level I CONOPS. Without categorization, each program would have needed to be compared to each Level I CONOPS. By categorizing the programs and Level I CONOPS, and only comparing category matches, the mapping process was streamlined.

In conclusion, the mappings from this study have yielded a number of useful results. Conglomerated into Narrative Chapters, the mappings show the relative concentration of research in the different domains (Figure 5). Broken out into mappings of programs to individual CONOPS, they reveal gaps or overlaps of CONOPS coverage by programs. To resolve these gaps and overlaps, requires an evolution of research being done or of the vision of the NAS in 2005. If a gap exists in the mappings because a need is being addressed poorly, the research can evolve to fit the need. Similarly, if a gap or overlap exists in the mappings because a need is being stated poorly, the need can evolve to clarify its meaning. The mappings identify potential areas that need resolution, and the method is an evolution of the research and vision towards the NAS in 2005.

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APPENDIX A. ACRONYMS AND ABBREVIATIONS

This is an Air Traffic Control acronym list augmented with some acronyms used in this report.

A/C	Aircraft
ABPE	Automated Barometric Pressure Entry
ACARS	Aircraft Communications Addressing and Reporting System
ACE	Aviation Capacity Enhancements
ADAS	AWOS Data Acquisition System
ADDS	Aviation Digital Data Service
ADF	Automatic Direction Finder
ADS	Automatic Dependent Surveillance
ADS-B	Automatic Dependent Surveillance Broadcast
AERA	Automated En route Air Traffic Control
AF	Airway Facilities
AFSS	Aeronautical Flight Services Station
AFTN	Aeronautical Fixed Telecommunications Network
AGATE	Advanced General Aviation Transportation Equipment
AGFS	Aviation General Forecast System
AIP	Airport Improvement Program
AIRMET	Airman's Meteorological Information
ALDARS	ASOS Lighting Detection and Reporting System
ALSF	Approach Lighting System with Sequenced Flashing Lights
AMASS	Approach Movement Area Safety System
AMS	Acquisition Management System
AMSS	Aeronautical Mobile Satellite Service
ANICS	Alaska NAS Interfacility Communications System
ANSI	American National Standards Institute
AOAS	Advanced Oceanic Automation System
AOC	Airline Operations Center
APP	Application Portability Profile
ARINC	Aeronautical Radio, Incorporated
ARP	Airport Organization
ARSR	Air Route Surveillance Radar
ARTCC	Air Route Traffic Control Center
ARTS	Automated Radar Terminal System
ASD	Aircraft Situation Display
ASDI	Aircraft Situation Display to Industry
ASDE	Airport Surface Detection Equipment
ASOS	Automated Surface Observing System
ASR	Airport Surveillance Radar
ASR-WSP	Airport Surveillance Radar-Weather System Processor
ASRP	Aviation Safety Research Program
ASTERIX	All Purpose Structural Eurocontrol Radar Information Exchange
ATC	Air Traffic Control
ATCBI	Air Traffic Control Beacon Interrogator
ATCSCC	Air Traffic Control System Command Center
ATCT	Airport Traffic Control Tower
ATIS	Airport Traffic Information Service
ATM	Air Traffic Management
ATN	Aeronautical Telecommunications Network
ATS	Air Traffic Services
AVR	Regulation And Certification Organization
AWC	Aviation Weather Center
AWOS	Automated Weather Observing System
AWP	Aviation Weather Processor
AWR	Aviation Weather Requirement
B	Billion
BRI	Basic Rate Interface

BUEC	Backup Emergency Communications
CARF	Central Altitude Reservation Function
CASA	Controller Automation Spacing Aid
CAT	Category
CAT I	Category I Approaches
CAT II	Category II Approaches
CAT III	Category III Approaches
CBA	Cost-Benefit Analysis
CDM	Collaborative Decision Making
CDTI	Cockpit Display Of Traffic Information
CENRAP	Center Radar ARTS Presentation
CFR	Code Of Federal Regulation
CFWARP	Central Flow WARP
CHI	Computer Human Interface
CNS	Communication, Navigation, Surveillance
CNS/ATM	Communication, Navigation, Surveillance/Air Traffic Management
CONOPS	Concept Of Operations, also Level I Concept of Operations
CONUS	Continental United States Cost Performance System
COPS	Cost Performance System
COTS	Commercial Off-The-Shelf
CP	Conflict Probe
CPC	Controller-Pilot Communications
CPDLC	Controller To Pilot Data Link Communications
CRDA	CONOP and Requirement Tracking System (SRC generated acronym)
CRTS	Converging Runway Display Aid
CTA	Control By Time Of Arrival
CTAS	Center TRACON (Terminal Radar Approach) Automation System
CWSU	Center Weather Surface Unit
D-ATIS	Digital Automatic Terminal Information Services
DARC	Direct Access Radar Channel
DASI	Digital Altimeter Setting Indicator
DBRITE	Digital Bright Radar Indicator Tower-Equipment
DDTC	Data Delivery Of Taxi Clearance
DLAP	Data Link Applications Processor
DME	Distance Measuring Equipment
DOD	Department Of Defense
DOTS	Dynamic Ocean Tracking System
DSR	Display System Replacement
DSS	Decision Support System
DUATS	Direct User Access Terminal System
E-IDS	Enhanced Next Generation Information Display System
EARTS	En Route Automated Radar Tracking System
EFIS	Electronic Flight Information System
EMC	Environmental Modeling Center
EOSL	End Of Service Life
EERDI	En Route Domain Infrastructure
ETMS	Enhanced Traffic Management System
ETN	Electronic Tandem Network
ETVS	Enhanced Terminal Voice Switch
EVCS	Emergency Voice Communications
F&E	Facilities An Equipment
FAA	Federal Aviation Administration
FAATSAT	FAA Telecommunications Satellite
FANS	Future Air Navigation System
FAR	Federal Aviation Regulation
FBWTG	FAA Bulk Weather Telecommunications Gateway

FAST	Final Approach Spacing Tool
FDIO	Flight Data Input Output
FDM	Flight Data Management
FDP	Flight Data Processor
FFTS	Full Fidelity Training Simulator
FIR	Flight Information Region
FIS	Flight Information Service
FL	Flight Level
FMA	Final Monitor Aid
FMS	Flight Management System
FOC	Full Operating Capability
FPS	Fixed Position Surveillance
FSAS	Flight Service Automation System
FSDPS	Flight Service Data Processing System
FSL	Forecast Systems Laboratory
FSS	Flight Service Station
FTS	Federal Telecommunications System
FY	Fiscal Year
GA	General Aviation
GDP	Ground Delay Program
GICB	Ground-Initiated Comm-B
GIS	Geographic Information System
GLONASS	Global Navigation Satellite System
GPS	Global Positioning System
GPS	Global Positioning Satellite
GUI	Graphic User Interface
GWDS	Graphic Weather Display System
HARS	High Altitude Route System
HCS	Host Computer System
HF	High Frequency
HFDL	High Frequency Data Link
HID	Host Interface Device
HID/NAS LAN	Host Interface Device/ NAS Local Area Network
HQ	Headquarters
HIS	Human-System Integration
HVAC	Heating, Ventilation, And Air Conditioning
HW	Hardware
ICAO	International Civil Aviation Organization
ICP	Initial Conflict Probe
IFR	Instrument Flight Rules
ILS	Instrument Landing
IMC	Instrument Meteorological Conditions
INFOSEC	Information Security
INS	Inertial Navigation Systems
IOC	Initial Operating Capability
IPT	Integrated Product Team
ITWS	Integrated Terminal Weather System
JRC	Joint Resources Council
KBPS	Kilo Bytes Per Second
KHZ	Kilo Hertz
LAAS	Local Area Augmentation System
LAN	Local Area Network
LCCE	Life Cycle Cost Estimate
LDRCL	Low-Density Radio Communications Link
LEOS	Level 1 Concept of Operations or CONOP
Level I	Low Earth-Orbiting Satellite

CONOP	
LINCS	Leased Interfacility National Airspace Communication System
LIS	Local Information System
LLWAS	Low-level Wind Shear Alert System
LORAN-C	Long Range Navigation-C System
LRR	Long Range Radar
M	Million
M1FC	Mode 1 Full Capacity
MALSR	Medium Intensity Approach Lighting System With Runway Alignment Indicator Lights
MASPS	Minimum Aviation System Performance Standards
MCI	Mode-C Intruder
MDCRS	Meteorological Data Collection And Reporting System
MEOS	Medium Earth-Orbiting Satellite
MET.	Meteorological
MHZ	Mega Hertz
MIGFA	Machine Intelligent Gust Front Algorithm
MIT	Miles In Trail
MIT/LL	Massachusetts Institute Of Technology/Lincoln Laboratory
MLS	Microwave Landing System
MMAC	Mike Monroney Aeronautical Center
MODE-S	Mode S
MOPS	Minimum Operating Standard
MPAR	Multi-Purpose Airport Radar
MSAW	Minimum Safe Altitude Warning
NADIN	National Airspace Data Interchange Network
NAS RD	NAS Requirements Document
NASA	National Aeronautics And Space Administration
NAVAID	Navigational Aid
NCEP	National Center For Environmental Protection
NCAR	National Center For Atmospheric Research
NDB	Non Directional Beacon
NESDIS	National Environmental Satellite, Data, And Information Service
NEXCOM	Next Generation Air-To-Ground Communications System
NEXRAD	Next Generation Radar
NIC	Network Interface Cards
NIMS	NAS Infrastructure Management System
NIS	NAS-Wide Information Service
NIST	National Institute Of Standards And Technology
NM	Nautical Mile
NOAA	National Oceanic And Atmospheric Administration
NOTAM	Notice To Airmen
NRC	National Research Council
NSF	National Science Foundation
NSSL	National Server Storms Laboratory
NWS	National Weather Service
NWSTG	NWS Telecommunications Gateway
O&M	Operations And Maintenance
OAG	Official Airline Guide
OASIS	Operational And Supportability Implementation System
OCS	Offshore Computer System
OMB	Office Of Management And Budget
ORD	Operational Readiness Demonstration
P^3I	Per-Planned Product Improvement
PAMRI	Peripheral Adapter Module Replacement Item
PABX	Public Automation Branch Exchange
PAPI	Precision Approach Path Indicator
PBC	Private Branch Exchange
PDC	Pre-Departure Clearance

PDT	Product Development Team
PFC	Passenger Facility Charge
PIDP	Programmable Indicator Processor
PIREP	Pilot Report
PPS	Precise Positioning Service
PPSS	Portable Performance Support System
PRM	Parallel Runway Monitor
PSN	Packet Switching Network
PVD	Plan View Display
RCE	Radio Central Equipment
RCL	Radio Communication Link
RD	Requirements Document
RDA	Radar Data Acquisition
R,E,&D	Research, Engineering And Development
RMMS	Remote Maintenance Monitoring System
RNAV	Area Navigation
RPG	Radar Product Generator
RTA	Required Time Of Arrival
RTCA	RTCA, Incorporated
RVR	Runway Visual Range
SAIDS	Systems Atlanta Information Display System
SAMS	Special Use Airspace Management System
SAR	Search And Rescue
SCAT-1	Special Use Category I System
SDP	Surveillance Data Processor
SEAMS	Safety, Environment Assessment Management System
SFO	San Francisco International Airport
SI	Selective Interrogation
SIGMET	Significant Meteorological Information
SLIM	Software Life Cycle Model
SMA	Surface Movement Advisor
SMD	Surface Movement Detector
SME	Subject Matter Expert
SRC	System Resources Corporation, Inc.
SSR	Secondary Surveillance Radar
STARS	Standard Terminal Automation Replacement System
STAR	Space Transportation Analysis And Research
SUA	Special Use Airspace
TACAN	Tactical Air Navigation
TCAS	Traffic Alert And Collision Avoidance System
TDLS	Tower Data Link Services
TDW	Tower Display Workstation
TDWR	Terminal Doppler Weather Radar
TFM	Traffic Flow Management
TMA	Traffic Management Advisor
TMC	Traffic Management Center
TML	Television Microwave Link
TMU	Traffic Management Unit
TRACON	Terminal Radar Approach Control
TSO	Technical Standard Order
TWIP	Terminal Weather Information For Pilots
UHF	Ultra High Frequency
URET	User Request Evaluation Tool
U.S.C.	United States Code
VASI	Visual Approach Slope Indicator
VDL	Very High Frequency Data Link
VFR	Visual Flight Rules
VHF	Very High Frequency

VOR	VHF Omni-Directional Range
VPD	Vehicle/Pedestrian Deviation
VPN	Virtual Private Networks
WAAS	Wide Area Augmentation System
WAN	Wide Area Network
WARP	Weather And Radar Processor
WIC	Weather In Cockpit
WIS	Workload Information System
WJHTC	William J. Hughes Technical Center
WMSCR	Weather Message Switching Center Replacement
WSDDM	Weather Support To De-Icing Decision Making
W/X	Weather

APPENDIX B. DEFINITIONS

B.1 CATEGORY DEFINITIONS

Functions

Communication-subject areas dealing with the overall design, interface, systems, standards, validation and system safety that allow the exchange of information through various mediums. Mediums can include, but are not limited to, two-radios: VHF, UHF, HF (air-air, air-ground, ground-ground), Data Links, “land-lines”, telephone, SATCOM, light signals, and signage, etc.

Navigation- subject areas dealing with the overall design, interface, systems, standards, validation and system safety that provide or assist in the capability of going from one place to another, determining position, and providing route solutions. Forms of Navigation may include Radio Navigation (GPS, INS, VOR/DME, Omega, Loran, NDB), Pilotage, and Dead Reckoning.

Surveillance- subject areas dealing with the overall design, interface, systems, standards, validation and system safety that provide the capability of locating, interrogating, and determining position in respect to azimuth, altitude, range, and velocity. Surveillance may be accomplished by conventional radar, visual acquisition, satellites, and self-position broadcasting systems (ADS).

Automation- subject areas dealing with the overall design, interface, systems, standards, validation and system safety that reduce the overall workload of the human aspect in systems. Automation systems may include DSS (Decision Support Systems), controller workstations, conflict resolution developers, flight data processing, etc.

Weather-subject areas dealing with atmospheric conditions, changes, predictions, and modeling. Some weather system evaluators may be satellites, radar, weather balloons, Doppler radar, etc.

Maintenance & Facilities-subject areas dealing with the overall design, interface, systems, standards, validation and system safety that address the dynamic challenge and planning of maintaining already existing resources. Resource examples: radio navigation facilities, surveillance sites, controller terminals, airports, towers, centers, etc.

Domains

Flight planning- all subjects dealing with the creation and implementation of a flight trajectory. This includes access to and availability of aircraft and environmental data

Airport surface- all subjects dealing with the planning and implementation of airport surface traffic. This includes planning and monitoring of airport traffic, intra airport communications, and availability of airport environmental data and aircraft state data as pertains to airport traffic

Departure and arrival service- all subjects dealing with the planning and implementation of departures and arrivals. This includes predicting and implementing runway allocations for takeoff and landing, dissemination of environmental data to ease planning, and methods to increase navigation accuracy for better flow management

En route/cruise- all subjects dealing with the planning and implementation of aircraft paths between takeoff and landing. This includes creating more flexible aircraft paths, conflict detection and resolution,

communication of environment and traffic data to aircraft and ground, traffic monitoring, more accurate navigation methods, and prediction of traffic conditions

Oceanic ops- all subjects dealing with the planning and implementation of aircraft paths over oceanic regions, in which monitoring is more sparse and the pilots are more responsible. This includes long-range and satellite data links and surveillance, more accurate navigation methods.

NAS management- all subjects dealing with the management of NAS resources. This includes the creation of broad scope restrictions and rules, evaluation of long-term initiatives, more collaboration between all affected parties, system-wide infrastructure, and traffic flow management infrastructure (monitoring and dissemination of information)

Management- all subjects dealing with the management of hardware and data resources. This includes a shift to local management of hardware resources and national information system, training, and support across organizational boundaries

Systems

Airborne Systems- A program that addresses airborne systems will focus on in-flight aircraft equipment and systems. This will include avionics, mechanics, airframes, crew, and cargo (including passengers).

Space Systems- A program that addresses space systems will focus on satellite based systems that are used for communication, navigation, surveillance, etc. These systems may work in conjunction with both ground and airborne systems.

Ground Systems- A program that addresses ground systems will focus on communication, navigation, surveillance, or weather systems and personnel that are based on the ground. It is possible that certain systems have a ground component and another component that falls into another system area (i.e. WAAS). In that case the system will be categorized into BOTH system areas.

Areas

Human Factors- A program that addresses human factors will focus on the performance of human beings in relationship to their environment. This relationship includes human interaction with aviation systems as well as with other human beings.

Performance Measurement- A program that addresses performance measurement will focus on the technical characteristics (timing, fuel savings, efficiency, accuracy, improved safety) of a given system, technology, or policy.

Economic Impact-A program that addresses economic impacts will focus on the financial impact of an aviation related system, technology, or policy. The financial analysis will not just assess the cost of a given innovation but also attempt to quantify the potential benefits of the system (improved performance, new abilities, etc.) in terms of dollars saved across the NAS.

Other-Programs that do not fall into the areas of human factors, performance measurement, or economic impact will be classified as other. It is also possible that programs will partly fall into one of the above areas and partly fall into the OTHER category. In that case, the program will be categorized in BOTH categories.

B.2 MAPPING RATINGS

Yes (Y)- required capability is addressed by the program or product. The research and development of this program has the intent of addressing the operational requirement.

Partial (P)- required capability is supported by the program or product. The research and development of this product does not directly address, but supports, a future operational requirement.

Extensible (E)- required capability could be addressed by the product. The research and development of this product does not currently address this future operational requirement, but it could, if the objectives are redefined.

No (N)- required capability is not applicable to the specific operational capabilities of the research and development or the product.

B.3 CATEGORIZATION RATINGS

Y# program results potentially have very great impact on the category factor.

Y+ less impact than Y++

Y significant impact. This is also the selection when no relative significance is defined.

Y- less than significant impact but not superficial.

Y= superficial impact.

N not related.

APPENDIX C. LEVEL 1 CONCEPT OF OPERATIONS AND CATEGORIZATION

ATS CONOPS for the NAS in 2005
Functional Allocation

#	ATS 2005 Statement (Level I Need)	Level II Need	C	N	S	W	A	M	N/A
	1. Introduction								
1.1									**X**
1.2	Migration of the NAS from a ground-based infrastructure to one that encompasses both ground and airborne systems.		**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	
1.3									**X**
	1.1 Background								
1.4									**X**
1.5	*Develop* an air traffic environment which provides… flexibility and efficiency through development of a global airspace system incorporating the International Civil Aviation Organization's communication, navigation and surveillance (CNS/ATM) concept.		**Y**	**Y**	**Y**		**Y**		
1.6									**X**
1.7	The air traffic system must evolve in the areas of airspace and procedures, roles and responsibilities, equipment, and automation..		**Y**	**Y**	**Y**	**Y**	**Y**		
	1.2 Scope and Intended Use								
1.8									**X**
	1.3 Characteristics of the NAS in 2005								
1.9	Replacement of Host … transition to satellite navigation …new display platforms			**Y**			**Y**		
1.10	*2005* marks the end of the *first phase* of transition to the technologies and airspace structures required for Free Flight. Subsequent development is under way to complete the transition to a full Free Flight environment in the post-2005 era.		**Y**	**Y**	**Y**	**Y**	**Y**		
1.11	A human-centered approach to maYimize the efficient delivery of air traffic services to users.		**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	
1.12	System processes and workstations are designed to eYpedite the eYchange of information between NAS information systems, service providers, and users.		**Y**		**Y**	**Y**	**Y**		
1.13	Human factors analyses and human-in-the-loop simulations have determined the appropriate allocation of tasks between service providers, users, and automation systems.						**Y**		
1.14	Issues such as situation awareness, workload, and computer-human-interface (CHI) design have been resolved by incorporating human factors and operational assessments throughout the NAS design and validation process.						**Y**		
1.15	Traffic demand increases significantly without a corresponding increase in the controller workforce.		**Y**		**Y**	**Y**	**Y**		
1.16	Controller workload under peak traffic remains equivalent to the workload controllers absorbed in the 1990s under lighter traffic demand. This increased ATC efficiency has been achieved through the implementation of decision support systems for traffic management and control, dynamic alteration of airspace boundaries, reduced vertical separation minima, improved air/ground communications and coordination, and enhanced ground/ground coordination aids.		**Y**				**Y**		
1.17	Air safety has been increased through the implementation of conflict detection and resolution tools, the inclusion of the flight deck in some separation decision-making, and greatly enhanced weather detection and reporting capabilities.		**Y**		**Y**	**Y**	**Y**		
1.18									**X**
1.19	*Phased Technology Implementation*. The evolution of the operational environment is based on an incremental implementation of new technologies. This approach maintains safety as the first priority, while also increasing capacity, efficiency, and fleYibility in a balance with environmental considerations.		**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	
1.20	*Redistributed Roles and Responsibilities.* Separation assurance remains the responsibility of the service provider. However, that responsibility is shifted to the flight deck for specific operations.		**Y**		**Y**		**Y**		
1.21	*Human Factors Considerations.* The evolution of the NAS utilizes a clear transition strategy for each operational capability, and employs a human-centered approach for implementing new operational concepts and supporting technologies.		**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	
1.22	Human capabilities and limitations of users and service providers remain a primary consideration in systems development.		**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	

1.23	*Information Distribution.* A NAS-wide information system distributes timely and consistent information across the NAS, for both user and service provider planning.		**Y**		**Y**	**Y**	**Y**	**Y**	
124	This information system serves as an avenue for a greater eYchange of electronic data and information between users and service providers. The system contains the following information:	Static data such as maps, charts, airport facility guides, and published Notices to Airmen (NOTAMs) Dynamic information such as current and forecast weather, radar summaries, hazardous condition warnings, information on updated airport and airspace capacity constraints, and special use airspace (SUA) schedules. Flight information on each flight including the filed flight profile and all amendments, first movement of the aircraft, wheels-up, position data in flight, touchdown time, gate or parking assignment, and engine shutdown. Schedule information which is updated throughout the day to reflect changes in carrier operations.	**Y**		**Y**	**Y**	**Y**	**Y**	
1.25	With the reduction of the computational and communications barriers of the past, airspace design and underlying sector configurations are no longer constrained by the current geographic boundaries, particularly in high altitude.		**Y**				**Y**		
1.26	Tools and procedures are in place for frequent evaluation (up to several times a day) of the airspace structure and anticipated traffic flows, with adjustments made accordingly.		**Y**				**Y**	**Y**	
1.27	The number and scope of air traffic facilities may be modified to support dynamic traffic factors, rather than institutional requirements.						**Y**	**Y**	
1.28	Automation systems support the dynamic airspace structure with seamless inter- and intra-facility communication and coordination.		**Y**				**Y**	**Y**	
1.29	Seamless communications and coordination, coupled with the NAS wide information system, allow for the dynamic reassignment of airspace between facilities to meet contingencies such as equipment outages.		**Y**				**Y**		
1.30	The system allows increased collaboration between users and service providers for resolving strategic problems.	For situations such as demand-capacity imbalances or severe weather, this capability supports collaboration in determining when, where, and how to transition to temporary route structures to meet a short-term problem.	**Y**		**Y**	**Y**	**Y**	**Y**	
1.31	*Fault-Tolerant Systems.* The NAS is a fault tolerant system, designed through safety and risk analysis to identify areas requiring higher reliability and backup.	Since it is recognized that systems will fail, the NAS design maintains a balance between reliability, redundancy and procedural backups. Thus the design provides a system which is not only available but one that also requires minimal time to restore failed functionalities.	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	
1.32	Automation aids enable the elimination of paper flight strips throughout the NAS.						**Y**		
1.33	Aircraft progress is tracked electronically with all critical functions provided for in the backup systems.		**Y**		**Y**		**Y**		
1.33	There is also an increased usage of decision support systems that provide both information and heuristics to support the providers in their tasks.		**Y**				**Y**		
1.34	These tools reduce the burden of routine tasks while increasing the provider's ability to evaluate traffic situations and plan the appropriate response. This increases productivity and provides greater fleYibility to user operations, *with* potential reduced vertical separation minima and increased traffic density.						**Y**		
1.35	Procedural changes are developed, evaluated, and instituted to meet technology as it arrives, rather than post-deployment.		**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	
1.36	There are improved methods for collecting and processing NAS infrastructure data. These data, available as an integral part of the NAS wide information system, are used to prioritize and schedule NAS infrastructure activities.		**Y**				**Y**	**Y**	
1.37	Users and service providers collaborate in this prioritization and scheduling, utilizing decision support tools that provide information regarding the coverage and status of NAS infrastructure components.						**Y**	**Y**	

1.38	There is increasingly accurate weather data available to the service provider and user.	These data include hazardous weather alerts for wind sheer, microbursts, gust fronts, and areas of precipitation, icing, and low visibility.				**Y**			
1.39	Enhanced steps for avoiding convective weather are made as weather tools are improved and integrated into the decision support tools.					**Y**	**Y**		
1.40	There are improved methods and tools to measure NAS performance and to identify user requirements, including the daily archiving of the NAS wide information system. These improvements are geared toward providing the information in a meaningful and readily accessible form.						**Y**	**Y**	
1.41	The operational supervisors are key players in providing the flying public and aviation community the services they eYpect and deserve. They provide the primary management presence in the operational area, enabling people and highly technical systems to collaborate in achieving desired outcomes and results.						**Y**	**Y**	
1.42	Managers are provided with appropriate decision support systems to manage budgets, staff, and costs.	These decision support systems provide information to resolve short-term problems, such as staffing imbalances, and more strategic management of personnel and resources.					**Y**	**Y**	
1.43									**X**
	1.4 Organization								
1.44									
	2. Flight Planning Operations and Services								
2.1	The flight plan*ning* process is enhanced to provide a collaborative interaction with the user. This interaction creates dynamic, event-driven user-preferred trajectories for individual flights.		**Y**			**Y**	**Y**		
2.2	Elements of the NAS-wide information system are used to obtain and distribute flight-specific data and aeronautical information, including international coordination of flight trajectory content.		**Y**				**Y**	**Y**	
2.3	Real-time trajectory updates reflect more realistic departure times, resulting in more accurate traffic load predictions, and increased fleYibility due to the imposition of fewer restrictions.				**Y**		**Y**		
2.4	Interactive aids facilitate a more collaborative role for users in obtaining NAS information in order to improve their ability to eYecute the flight plan.	EYamples of this information include current and predicted status of SUAs, infrastructure status, traffic density, and prevailing traffic flow initiatives.	**Y**				**Y**	**Y**	
2.5	Standardized domestic and international trajectory information improves the interaction between the NAS, NAS users, and domestic and international service providers.		**Y**		**Y**		**Y**		
	2.1 Environment								
2.6	.								**X**
2.7	The year 2005 sees significant changes in the planning data available to users, and in the flight plan itself. … In 2005, planners and service providers have automated access to this information from the continuously and automatically updated NAS-wide information system. The scope of information is eYpanded to include items such as:	· Real-time information on the status of SUAs · Real-time status of the NAS infrastructure · Predictions of traffic density based on the current flight trajectories, both filed and active · Current and planned dynamic route structure and associated transition points. · DoD access to information regarding aircraft which will enter the Air Defense Identification Zone (ADIZ).	**Y**		**Y**	**Y**	**Y**	**Y**	
2.8	Today's flight plan is replaced by a *flight profile*. This profile can be as simple as the user's preferred path, or as detailed as a time-based trajectory that includes the user's preferred path and preferred climb and descent profiles						**Y**		

2.9	The flight profile is a part of a larger data set called the *flight object.* This data set is available throughout the duration of the flight, both to the user, and to service providers across the NAS.	For an appropriately equipped aircraft operating under visual flight rules (VFR), the flight object contains the flight path, a discrete identification code that provides precise location and identity information, and all necessary information to initiate search and rescue. For a flight operating under instrument flight rules (IFR), the flight object can be a much larger data set, including a preferred trajectory coordinated individually by the user, and supplemental information such as the aircraft's current weight, position, runway preference, or gate assignment.					**Y**		
2.10	Flight object information can be updated by the user or service provider throughout the flight.		**Y**				**Y**		
	2.2 Flight Planning Operations and Services								
2.11	The 2005 flight planner interacts with the NAS-wide information system to create a flight profile. This action initiates the automatic generation of a flight object containing either the user's preferred flight path or a more detailed time-based flight trajectory.		**Y**				**Y**		
2.12	As conditions change during the planning phase, or during the flight, the planner continues to access the NAS-wide information system to determine the impact of the changes on the flight.		**Y**				**Y**		
2.13	This information is electronically available to all service providers until the termination of the flight.		**Y**				**Y**		
2.14	Information such as runway preferences and aircraft weight, or information to support flight following can be added during the planning phase or during the flight.		**Y**				**Y**		
2.15	As the planner interactively generates the flight profile, information regarding current and predicted weather conditions, traffic density, restrictions and status of SUAs is available.		**Y**		**Y**	**Y**	**Y**		
2.16	When the profile is filed, it is automatically checked against these conditions and any static constraints such as terrain and infrastructure advisories.		**Y**		**Y**	**Y**	**Y**	**Y**	
2.17	Potential problems are automatically displayed to the planner for reconciliation. Upon filing, the flight object is updated as necessary, along with all affected projections of NAS demand.		**Y**		**Y**	**Y**	**Y**		
	2.3 SEARCH AND RESCUE								
2.18									**X**
2.19									**X**
2.20	Improved emergency locator transmitters (ELTs) are in use with corresponding new standards and rule making. These ELTs utilize discreet codes and satellite based navigation positioning information.		**Y**	**Y**	**Y**		**Y**		
2.21	For aircraft equipped with these systems, the NAS-wide information system either identifies the successful completion of the flight or provides its last known position.		**Y**		**Y**		**Y**	**Y**	
2.22	When a flight is overdue and no ELT signal is detected, the flight's information is readily available to search and rescue organizations through the NAS-wide information system to verify the need to initiate search procedures.		**Y**		**Y**		**Y**	**Y**	
	3. Airport Surface Op erations and Services								
3.1									**X**

3.2									**X**
3.3	Elimination of *system* constraints minimizes the overall ground delay of arrivals and departures through implementation of the following system enhancements:[1]	EYpansion of datalink capabilities to more users at more airports improves information eYchange and coordination activities. Increased collaboration and information sharing between users and service providers creates a more realistic picture of airport departure and arrival demand. Automation aids for dynamic planning of surface movements provide methods and incentives for collaborative problem-solving by users and service providers. Integration of surface automation with departure and arrival automation facilitates the coordination of all surface activities. Runway and taYiway assignments are based on projected arrival/departure runway loading and surface congestion, user runway preference and gate assignment, and environmental considerations such as noise abatement. Arrival runway and taYiway assignments are planned early in the arrival phase of flight. Departure assignments are made when the flight profile is filed, and updated accordingly until the time of pushback. Improved planning that allows flights to depart immediately after de-icing improves both efficiency and safety. Automation to monitor and predict the movement of ground vehicles provides further safety enhancements through improved conflict advisories.	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	
	3.1 ENVIRONMENT								
3.4									**X**
3.5	communications are increasingly automated through the growing availability of datalink, while coordination and planning are aided by new decision support systems. Together, these systems enhance airport safety, improve efficiency and accommodate user preferences.		**Y**				**Y**		
3.6	Airport safety and efficiency is enhanced by terminal weather radar, automated weather observation systems, integrated systems to detect and predict hazardous weather, and improved surface detection equipment.					**Y**	**Y**		
3.7	Surface-movement decision support systems provide real time data to the NAS-wide information system.				**Y**		**Y**	**Y**	
3.8	Upon pushback, the flight's time-based trajectory is updated in the NAS-wide information system, based on the average taYi time at the airport under prevailing traffic conditions.		**Y**		**Y**		**Y**	**Y**	
3.9	At wheels-up, this trajectory is again updated.		**Y**		**Y**		**Y**	**Y**	
3.10	continuous updating of the flight object improves real-time planning for both the user and the service provider … improves the effectiveness of ongoing traffic management initiatives and the collaborative decision making.		**Y**		**Y**		**Y**		

This section presents a high-level description of surface movement operations in 2005. This time frame represents the first opportunity to make fundamental changes in the delivery of NAS services. Thus the concepts provided here do not describe an end-state system. Instead, they define that initial change in the air traffic environment, and lay the groundwork for transitional phases after 2005. These transitional phases will expand on the concepts described here, and, building upon 2005 technologies, culminate in an end-state system.

3.11	Surface-movement decision support systems are also an integral part of the total NAS automation system.	This ensures that surface initiatives and user preferences are not at cross purposes with information being generated by airspace automation systems. Thus, runway assignments in departure and arrival automation are based not only on the location of the assigned gate, but also on the surface automation's prediction of congestion and the related taYi plan.			**Y**		**Y**		
3.12	For departures, taYi time updates and the associated estimates included in the taYi plan are coordinated automatically with airspace automation to efficiently sequence ground traffic to match projected traffic flows aloft.		**Y**				**Y**		
	3.2 SERVICES								
3.13									
	3.2.1 Aviation Information								
3.14									
3.15	Aeronautical information … continue to be acquired by service providers and disseminated to users to aid in their planning and conduct of flight operations … this acquisition and dissemination is eYpedited by the NAS-wide information system.	NOTAMs and meteorological information for the airport vicinity	**Y**			**Y**	**Y**	**Y**	
3.16	***Combined into 3.15.***								
3.17									
3.18	Through the use of voice synthesis technology, ATIS messages are no longer manually recorded by service providers. Datalink allows most of these messages to be transmitted digitally.		**Y**				**Y**		
3.19	Weather advisories are handled in a similar fashion.		**Y**			**Y**	**Y**		
3.20	*Departure clearances* are issued via datalink at more airports and to more users		**Y**				**Y**		
3.21	automation functions utilize these departure clearances, along with aircraft location and aircraft type, to generate taYi schedules. … departures will be spaced more efficiently than they are today, resulting in reduced taYi times and improved airborne departure traffic flows.		**Y**		**Y**		**Y**		
3.22	Moved ***to 3.21.***								
3.23	*A surface management information system* is fielded at some airports to facilitate coordination between decision-makers at all levels of the airport operation.		**Y**		**Y**	**Y**	**Y**	**Y**	
3.24	This system's processes and displays provide complete data connectivity between the service provider, flight deck, airline operations center, ramp, airport operator, and airport emergency centers.		**Y**				**Y**	**Y**	
3.25	The system provides access to airport environmental information, arrival, departure, and taYi schedules, airborne and surface surveillance information, flight information, ATIS and other weather information, and traffic management initiatives.		**Y**		**Y**	**Y**	**Y**	**Y**	
3.26	These data are shared with the NAS-wide information system.		**Y**					**Y**	
3.27	At sites where the surface management information system is not fielded, ad-hoc site adaptations can provide basic intra-airport connectivity through the NAS-wide information system.							**Y**	
	3.2.2 Separation Assurance.								
3.28	Separation assurance on the airport surface … benefits from increased information to improve situation awareness, support taYi planning, and improve ramp control to match surface movement with the departure and arrival phases of flight.		**Y**		**Y**		**Y**		
3.29	Visual cues that service providers currently rely upon are augmented with enhanced situation displays and surface detection equipment.				**Y**		**Y**		
3.30	Service providers can display satellite-derived position data transmitted by selected flights upon request, while ground-based surveillance data is shared with users as a safety enhancement for preventing incursions.		**Y**		**Y**		**Y**		

3.31	Situation displays are available for airborne and surface traffic, with appropriate overlaps for viewing arriving and departing traffic.		**Y**		**Y**		**Y**		
3.32	The surface situation display depicts the airport and nearby airspace, with data tags for all flights and vehicles				**Y**		**Y**		
3.33	TaYi planning … has timely traffic activity information.		**Y**		**Y**		**Y**		
3.34									**X**
3.35									**X**
3.36	As the aircraft prepares to taYi, service providers use decision support systems to determine taYi sequencing, and to perform conformance monitoring and conflict checking.				**Y**		**Y**		
3.37	*The* automated planning process shares information with the surface situation monitoring systems, the resulting taYi plan balances the efficiency of the movement with the probability it can be eYecuted without change.		**Y**				**Y**		
3.38	For departures, the decision support system incorporates departure times, aircraft type, wake turbulence criteria, and departure routes to safely and efficiently sequence aircraft to the departure threshold.						**Y**		
3.39	For arrivals, the decision support system considers the assigned gate or parking area to minimize taYi time after landing.						**Y**		
3.40	improved knowledge of aircraft intent allows automatic monitoring of taYi plan eYecution and provides alerts to the potential for runway incursion.		**Y**		**Y**		**Y**		
3.41									**X**
3.42	In 2005, ramp service providers, where used, sequence and meter aircraft movement at gates and on ramps, using situation displays that interface with decision support systems and personnel in the control tower.	*Safety is enhanced by these situation displays which include airborne and surface traffic as well as information from the surface management information system. This information aids in sequencing gate arrivals and departures in concert with the taYi planning system.*	**Y**		**Y**		**Y**	**Y**	
	3.2.3 Traffic Management Services								
3.43	Traffic flow service providers oversee the surface automation by analyzing the operational situation and establishing initial parameters for surface movement planning.		**Y**		**Y**	**Y**	**Y**		
3.44	*The* service providers establish initial taYi-times based on weather and airport configurations, and establish aircraft movement times required to accomplish deicing with minimal delay from station to departure.		**Y**		**Y**	**Y**	**Y**		
3.45	The service provider evaluates results and adjusts parameters as needed. Both the initial values and subsequent adjustments are incorporated into the surface management information system		**Y**		**Y**	**Y**	**Y**		
	4. DEPARTURE AND ARRIVAL SERVICES								
4.1									**X**
4.2	Decision support systems increase the efficient use of airport assets by providing assistance in planning taYi sequences and spacing, and in the assignment of aircraft to runways.						**Y**		
4.3	Departure and arrival route structures are eYpanded … to allow increased usage of area navigation (RNAV), satellite navigation, and routes flown automatically by the onboard Flight Management System (FMS).		**Y**	**Y**			**Y**		
4.4	Improved procedures eliminate the need for many speed and altitude restrictions, including the 250 knot speed restriction below 10,000 feet.		**Y**	**Y**	**Y**		**Y**		
4.5	Automatic eYchange of information between flight deck and ground-based decision support systems improves the accuracy and coordination of arrival trajectories.	This eYchange includes the flight deck's wind and weather information, which is shared with the service provider and other flight decks.	**Y**	**Y**	**Y**	**Y**	**Y**		

4.6	Increasingly accurate weather displays are available to service providers. In addition, automatic broadcast of hazardous weather alerts for wind shear, microbursts, gust fronts, etc., are delivered simultaneously to the flight deck and service provider.		**Y**			**Y**	**Y**		
4.7	Shared access to the NAS-wide information system allows an automated eYchange of gate and runway preference data between the flight deck, the airline operations center, and the flight object.		**Y**				**Y**		
4.8	Status information concerning the NAS infrastructure components that support arrival and departure operations is shared with the flight deck.		**Y**				**Y**	**Y**	
	4.1 ENVIRONMENT								
4.9	Decision support systems assist the service provider in providing runway assignments and in merging and sequencing traffic, based on accurate traffic projections and user preferences.		**Y**		**Y**	**Y**	**Y**		
4.10									**X**
4.11	Tools such as FMS, datalink, and satellite navigation allow the route fleYibility by reducing voice communications and increasing navigational precision.		**Y**	**Y**			**Y**		
4.12	Satellite-based position data, broadcast by properly equipped aircraft, are used in cockpit traffic displays to increase the pilots' situation awareness for aircraft-to-aircraft separation. These avionics allow an increasingly frequent transfer of responsibility for separation assurance to the flight deck for some types of operations.		**Y**	**Y**	**Y**		**Y**		
4.13	***Moved to 4.1.2.***								
4.14	Pre-defined data link messages, such as altitude clearances and frequency changes, are uplinked to an increasing number of equipped aircraft.		**Y**				**Y**		
4.15	Voice communications between service providers and pilots are … reduced,.		**Y**				**Y**		
4.16	… enhanced ground-to-ground communications systems (both digital and voice) that allow seamless coordination within and between facilities.	As a result, coordination between tower, departure/arrival, and en route service providers is virtually indistinguishable from intra-facility coordination.	**Y**				**Y**	**Y**	
4.17	***Moved to 4.1.6.***								
4.18	disruption in departure and arrival traffic is minimized by improved weather data and displays. Available to service providers and users, these data and displays enhance safety and efficiency by disclosing weather severity and location.		**Y**			**Y**	**Y**		
	4.2 SERVICES								
4.19									**X?**
	4.2.1 Separation Assurance								
4.20	Decision support systems help service providers to maintain situation awareness, identify and resolve conflicts, and sequence and space arrival traffic.		**Y**		**Y**	**Y**	**Y**		
4.21	Separation assurance has undergone changes in the following areas: aircraft-to-aircraft separation, aircraft-to-airspace and aircraft-to-terrain/obstruction separation, and departure and arrival planning services.		**Y**		**Y**		**Y**		
4.22	Aircraft-to-aircraft separation remains the responsibility of service providers … in most traffic situations, it remains *solely* their responsibility.		**Y**		**Y**		**Y**		
4.23	Visual separation by pilots in terminal areas is eYpanded to allow all-weather pilot separation when deemed appropriate by the service provider.		**Y**		**Y**	**Y**	**Y**		
4.24	The increased use of this shared responsibility is made feasible through traffic displays on the flight deck, and rules, procedures, and training programs that have modified the roles and responsibilities of users and service providers.						**Y**	**Y**	
4.25	To assure aircraft separation, service providers utilize improved tools and displays.						**Y**		
4.26	Situation displays and conflict alert functions have evolved to provide more information, based on eYpanded data acquisition capabilities and improved trajectory modeling and analysis.		**Y**		**Y**		**Y**		
4.27	EYpanded data acquisition results from inputs by the flight deck, airline operations center, service provider, and interfacing NAS systems..	These inputs provide more information concerning traffic status and predictions, status of individual flights, pilot intent, user preferences, and traffic plans generated by upstream and downstream automation systems	**Y**	**Y**	**Y**	**Y**	**Y**		

4.28	The distribution of this information by improved displays assists the service provider in maintaining situation awareness and in traffic planning.		**Y**				**Y**		
4.29	With these data, improved trajectory models and analyses benefit the service provider through highly accurate conflict detection functions, and reliable conflict resolutions	These conflict detection and resolution functions consider arrival and departure traffic throughout terminal airspace, separation at the intersection of converging runways, separation between parallel runways, and separation from ground vehicular traffic on the runways.	**Y**		**Y**		**Y**		
4.30	Moved to 4.29								
4.31	Aircraft-to-airspace and aircraft-to-terrain separation also remains the service provider's responsibility.		**Y**		**Y**		**Y**		
4.32	The service provider maintains separation between controlled aircraft and active SUAs, and between controlled aircraft and terrain/obstructions.		**Y**		**Y**		**Y**		
4.33	An automated safe-altitude warning function enables the service provider to keep aircraft safely above terrain and obstructions.		**Y**		**Y**		**Y**		
4.34	For airspace separation, accurate information on SUA status and planned usage is disseminated automatically to the service provider through the NAS-wide information system.	*This eliminates the numerous coordination calls currently required between facilities, and improves the timeliness and accuracy of the information to the service provider and the user.*	**Y**				**Y**		
4.35	The service provider has improved tools to assist pilots in avoiding hazardous weather.		**Y**		**Y**	**Y**	**Y**		
4.36	Enhanced weather data and weather alerts are output on service provider displays, and simultaneously uplinked for display on the flight deck.	These displays improve the service provider's ability to coordinate with the flight deck and with other service providers to ensure the avoidance of hazardous weather.	**Y**	**Y**	**Y**	**Y**	**Y**		
4.37	***Moved to 4.3.6.***								
4.38	Departure and arrival planning services involve the sequencing and spacing of arrivals, and the integration of departures into the airborne traffic environment.		**Y**		**Y**		**Y**		
4.39	Improved departure flows are achieved through tools that provide more efficient airport surface operations, improved real time assessment of traffic activity in departure and en route airspace, and eYpanded usage of fleYible routes based on RNAV, satellite navigation, and FMS.		**Y**	**Y**	**Y**		**Y**		
4.40	Arrival operations also benefit from these tools	the service provider's primary task in this phase is to plan and achieve optimum spacing and sequencing of the arrival flow	**Y**		**Y**		**Y**		
4.41	The runway assignment, which provides the basis for this activity, is made early in the arrival phase of flight.						**Y**		
4.42	The user's runway assignment preference is available through the flight object within the NAS information system, and is used in conjunction with departure and arrival decision support systems and the integrated surface management tool to coordinate an optimal assignment.		**Y**		**Y**		**Y**		
4.43	In the final portion of the arrival phase, decision support systems facilitate the use of time-based metering to maYimize airspace and airport capacity.		**Y**		**Y**		**Y**		

4.44	Other tools generate advisories to the service provider that aid in maneuvering flights onto the final approach in accordance with the planned traffic sequence.		**Y**		**Y**		**Y**		
4.45	On final approach, the service provider may give the pilot responsibility for station keeping to maintain the required sequence and spacing to the runway.		**Y**	**Y**	**Y**		**Y**		
	4.2.2 Traffic Management Services								
4.46	The traffic flow service provider … receives increased assistance from decision support systems for managing arrivals and departures.						**Y**		
4.47									**X**
4.48	service providers focus on establishing the parameters to be used by the *decision* support tools, and the tools develop the plan.						**Y**	**Y**	
4.49	service providers utilize the decision support systems to monitor traffic flows, NAS performance, and weather.		**Y**		**Y**	**Y**	**Y**	**Y**	
4.50	They also use these tools to report on departure/arrival resources, and to identify airspace and airport congestion problems.	This is facilitated by the commonality of information used by tower, arrival/departure, and en route service providers, who have access to identical tools and information regardless of facility.	**Y**		**Y**	**Y**	**Y**	**Y**	
4.51	Incorporated in 4.50								
4.52	Improved weather tools and displays are used to assess the effect of weather on departure and arrival airspace capacity.				**Y**	**Y**	**Y**		
4.53	Through the NAS-wide information system, service providers also remain informed on distant weather conditions in order to anticipate changes to the daily traffic flow, and requests from other facilities.		**Y**			**Y**	**Y**	**Y**	
4.54	Data from the NAS-wide information system allows service providers to monitor infrastructure status, staffing, and other conditions in order to anticipate traffic demand and workload, both at their own facility and at others.	***This is especially important when working with tower service providers to manage runway configuration changes***	**Y**				**Y**	**Y**	
4.55	Arrival flows and departure queues are planned around projected times for configuration changes that cause the least traffic disruption.		**Y**		**Y**		**Y**		
4.56	The arrival and departure service providers also update the NAS system information about the capacity of airport and surrounding airspace resources and current status of the area's SUAs.		**Y**				**Y**	**Y**	
4.57	When traffic management initiatives are required, service providers collaborate with users to resolve congestion problems through adjustment of user schedules.		**Y**				**Y**		
4.58	the service providers work with the national traffic management function to solicit user input concerning flow constraints, and these constraints are entered into the NAS-wide information system as planned or current operational requirements.		**Y**				**Y**	**Y**	
	4.2.3 Navigation/Landing Services								

4.60	The current ground-based navigation systems are in transition to satellite-based systems.			**Y**			**Y**		
4.61	Satellite navigation allows aircraft to fly more fleYible routes			**Y**			**Y**		
4.62	Approach guidance, currently provided by ground-based systems, is supplemented by satellite-based approaches			**Y**			**Y**		
4.63	Augmentation systems have the accuracy, availability, integrity, and continuity necessary for precision approaches. Separation standards are set in accordance to the accuracy of the positional information.			**Y**			**Y**	**Y**	
4.64	This transition results in precision approaches being available at more airports, increasing all-weather access to an increasing number of airports.			**Y**		**Y**	**Y**		
	4.2.4 Airspace Management								
4.65									**X**
4.66	More fleYible departure routes are possible … as more aircraft are equipped with advanced navigation systems, and the service provider has automated support to verify adherence to the selected profile.	These fleYible paths comprise a large set of profiles from which the user may choose; however, individually coordinated user-preferred trajectories may also be used.	**Y**	**Y**	**Y**		**Y**		
4.67	***Moved to 4.66***								
4.68	Advance coordination of planned departure routes during the pre-flight phase make more fleYible routing possible.		**Y**				**Y**		
	5. EN ROUTE/CRUISE OPERATIONS AND SERVICES								
5.1	En route airspace structures and boundary restrictions are unconstrained by communications and computer systems, and aircraft are no longer required to fly directly between navaids along routes defined by the FAA.		**Y**	**Y**	**Y**		**Y**		
5.2	Improved decision support tools for conflict detection, resolution, and flow management allow increased accommodation of user-preferred trajectories, schedules, and flight sequences.		**Y**		**Y**	**Y**	**Y**		
5.3	Traffic flies optimum descent profiles, remaining at higher altitudes for longer periods during the arrival phase of flight.		**Y**		**Y**		**Y**		
5.4	The airspace structure is adjusted to meet user needs. Tools and procedures are in place for frequent evaluations of the airspace structure (probably daily), and anticipated traffic flows are accommodated by adjustments to sector boundaries.		**Y**		**Y**	**Y**	**Y**		
5.5	Automated, seamless coordination and communications within and between facilities enables airspace structure fleYibility and reduced boundary restrictions.		**Y**				**Y**		
5.6.1	Structured routes are the eYception rather than the rule, and eYist only when required to meet continuous high density, to provide for the avoidance of terrain and active SUAs, and to facilitate the transition between areas with differing separation standards.						**Y**	**Y**	
5.6.2	Demand and capacity imbalances are resolved, in collaboration with the users, via voluntary changes in trajectories or through the establishment of temporary routes and transition points in the affected area.		**Y**		**Y**		**Y**	**Y**	
5.7	Surveillance of all positively controlled aircraft is provided by a combination of primary and secondary radar, and the broadcast of satellite-derived position information by individual flights.		**Y**		**Y**		**Y**		
5.8	The NAS-wide information system is continually updated with changes in airspace and route structures, and with the positions and predicted time-based trajectories of the traffic.		**Y**		**Y**		**Y**	**Y**	
	5.1 ENVIRONMENT								
5.9.1	The goal is to allow turbojet and turboprop aircraft to fly higher, remaining high closer to the airport. This … releases lower altitude airspace for use by lower performance aircraft.		**Y**		**Y**		**Y**		
5.9.2	New displays are operational in all en route facilities and the service provider has access to more accurate forecasts of potential conflicts.				**Y**		**Y**		
5.10	Decision support systems such as the conflict probe assist the provider in developing safe and effective traffic solutions.				**Y**		**Y**		

5.11	decision support systems allow more aircraft to operate on routes according to the most favorable winds … with additional available altitudes.	potential for reduced separation minima			**Y**	**Y**	**Y**		
5.12	En route surveillance is accomplished through a combination of primary radar, beacon interrogation, and broadcasts of aircraft position and speed.		**Y**	**Y**	**Y**		**Y**		
5.13	As more forms of position data become available, more traffic is under some form of surveillance.				**Y**				
5.14	An increasing number of aircraft are equipped with satellite based navigation, digital communications, and the capability to automatically transmit position data.	Many of these aircraft have this capability coupled to an FMS.	**Y**	**Y**	**Y**		**Y**		
5.15	Additional pilot intent and aircraft performance data are provided to decision support systems, thus improving the accuracy of trajectory predictions. This information is combined and presented on the service provider's display.		**Y**	**Y**	**Y**		**Y**		
5.16	***Moved to 5.15***								
5.17	***Moved to 5.18***		**Y**						
5.18	Separation standards depend on the flight's equipage and the quality of the positional data, service provider displays indicate the quality of the resulting aircraft positions and the appropriate equipage information. … flights routinely operate on user-preferred trajectories, with fewer aircraft constrained to a fiYed route structure. These trajectories are accommodated earlier in the flight and continue closer to the destination than is currently allowed.		**Y**		**Y**		**Y**		
5.20	As ground based navaids phase out with the transition to satellite navigation, the current route structure is replaced with a global grid of named locations.	These defined points are used for coordination, including transition points for flow initiatives, and as backup in the case of airborne or ground based automation failures.		**Y**	**Y**		**Y**		
5.21	***Moved to 5.20***								
5.22	Times remain when projected airspace demand is at or near capacity. In these instances, after collaboration between the users and traffic management, temporary routes and associated transition points are identified using the global location grid.		**Y**	**Y**			**Y**		
5.23	The temporary route structure that prevails at a given time is available to all service providers and users via the NAS-wide information system.		**Y**				**Y**	**Y**	
5.24	Complementary digital communication systems enable datalinking of routine communications	frequency changes, certain clearances.	**Y**				**Y**		
5.25	automated coordination reduces the amount of time pilots and service providers spend on routine tasks		**Y**				**Y**		
5.26	The pilot in en route airspace has better downstream weather data information in digital form, both through automated means and through request/reply datalink.		**Y**			**Y**	**Y**		
5.27	More aircraft provide real-time winds and temperatures aloft, resulting in better weather information for forecasting and traffic planning.		**Y**			**Y**	**Y**		
5.28	Weather data are distributed to decision support systems for processing and presentation to service providers, resulting in a more accurate and common awareness of meteorological conditions.		**Y**			**Y**	**Y**		
	5.2 SERVICES								
5.29									**X?**
	5.2.1 Separation Assurance								
5.30	As in the departure and arrival operations, increased decision support allows significant improvement in en route separation assurance.		**Y**		**Y**		**Y**		
5.31	Changes are seen in both aircraft-to-aircraft separation and in aircraft-to-airspace separation.		**Y**		**Y**		**Y**		
5.32	There is improved coordination between the service provider and the flight deck to aid the flight in weather avoidance.		**Y**			**Y**	**Y**		
5.33	Improved weather information allows service providers to be more effective in controlling aircraft in airspace that contains hazardous weather and in providing weather advisories to pilots.		**Y**			**Y**	**Y**		
5.34	Service providers continue to issue control instructions to aircraft in order to maintain separation.		**Y**				**Y**		
5.35	Decision support systems assist in conflict detection and the development of conflict resolutions..		**Y**		**Y**		**Y**		
5.36			**Y**				**Y**		
5.37	Improving the provider's ability to identify conflicts also reduces the number of occasions when there is intervention, allowing the user to fly the trajectory proposed with higher frequency.		**Y**		**Y**		**Y**		
5.38	Use of paper flight strips is eliminated since decision support systems display necessary information.						**Y**		
5.39	Flight data is available for all flights via the NAS-wide information system. …….	*improves the ability of the service provider to issue traffic advisories to controlled aircraft about uncontrolled aircraft.*	**Y**		**Y**		**Y**	**Y**	
5.40	There are also improved flight following services for VFR traffic.		**Y**		**Y**		**Y**		

5.41	For VFR aircraft automatically reporting their satellite-derived positions … coupled with access to the flight's data via the NAS-wide information system, reduces the workload associated with providing traffic advisories to uncontrolled aircraft.		**Y**	**Y**	**Y**		**Y**	**Y**	
5.42	Service providers are also responsible for maintaining separation between aircraft and certain types of airspace	specifically, active special use and adjacent controlled airspace), terrain, and obstructions.	**Y**		**Y**		**Y**		
5.43	The activation of a SUA results in the reevaluation of all flight trajectories in the NAS-wide information system, to determine which flights will penetrate the SUA.	This results in earlier intervention and negotiation of new trajectories or airspace solutions	**Y**		**Y**		**Y**	**Y**	
5.44	Moved to 5.43								
5.45	When flights are in close proYimity to the newly activated SUA, the provider uses aircraft-to-aircraft conflict detection tools as aids to prevent them from entering the restricted airspace. … earlier intervention and the closer-proYimity resolution		**Y**		**Y**		**Y**		
5.46	Decision support tools also help service providers to collaborate with users when SUA restrictions are later removed or changed.		**Y**				**Y**		
	5.2.2 Traffic Flow Management								
5.47	The traffic flow service provider's role has changed	coordination of dynamic airspace structuring, more strategic management of traffic, coordination of new trajectories, and the management of major flows.	**Y**		**Y**	**Y**	**Y**		
5.48	The service provider has access to the NAS-wide information system	weather information, infrastructure status, and other conditions in the NAS.	**Y**			**Y**	**Y**	**Y**	
5.49	The provider also has access to a predicted demand profile for the entire day.		**Y**				**Y**	**Y**	
5.50	The profile is produced through improved information sharing, collaborative decision making, and the projection of flows based on weather and wind patterns.		**Y**		**Y**	**Y**	**Y**	**Y**	
5.51	This information is used, in coordination with the national flow management and other en route traffic flow facilities, to determine the daily airspace structure.		**Y**				**Y**	**Y**	
5.52	Any capacity problems due to SUA schedules, staffing, or weather are identified.		**Y**			**Y**	**Y**		
5.53	In coordination with national flow management, and with the user, alternatives for managing potential problems are eYplored.	voluntary splitting of flows by the user to reduce demand, identifying potential route structures and transition points for moving to and from user preferred trajectories	**Y**				**Y**	**Y**	
5.54	Moved to 5.53								
5.55	The service provider is given demand forecasts throughout the day via the continually updated NAS-wide information system.		**Y**				**Y**	**Y**	
5.56	As conditions change, initiatives are reviewed and adjustments made, through coordination with all affected facilities and users.		**Y**				**Y**		
5.57	The traffic flow service provider has the same tools as those providing separation assurance.		**Y**		**Y**	**Y**	**Y**	**Y**	
5.58	By resetting parameters … the probe becomes a density tool which the service provider uses to identify areas and times of higher density.	such as conflict detection look-ahead time			**Y**		**Y**		
5.59	By working strategically with upstream separation assurance providers and the users, some density problems are mitigated.	with minimal impact on the users and without the need to move to more formal traffic flow initiatives	**Y**		**Y**	**Y**	**Y**		
5.60	The service provider is also involved in the coordination of modified flight trajectories for active flights.		**Y**		**Y**	**Y**	**Y**		
5.61	The use of the NAS-wide information system and the flight object means that any changes in the NAS airspace structure … ripple back through the information system and identify all flights whose trajectories penetrate the changed airspace.	including activation of SUA or the need to create temporary route structures	**Y**				**Y**	**Y**	
5.62	This allows early and immediate coordination with either the pilot or the airline operations center to provide adjustments with minimal intervention and movement.		**Y**				**Y**		
5.63	Traffic flow service providers work with the service provider in active communication with the pilot to replan the flight trajectory.		**Y**				**Y**		
5.64	Modified trajectories can be also be developed collaboratively with the airline operations center and distributed to the flight deck via datalink, and to downstream facilities via the NAS-wide information system.		**Y**				**Y**		
5.65									**X**
5.66	increased information eYchange between the en route, arrival, departure and surface decision support tools enables better coordination of cross-facility traffic flows with fewer constraints.	These improved capabilities also allow for greater accommodation of user requests, including carrier preferences on the sequencing of their arrival aircraft.	**Y**		**Y**	**Y**	**Y**		
5.67	Moved to 5.66								

	5.2.3 Airspace Management								
5.68									**X**
5.69									**X**
5.70	Static restrictions due to fiYed sector boundaries are reduced or eliminated.						**Y**		
5.71	The airspace structure is frequently evaluated and adjusted in anticipation of eYpected traffic flows, or in response to weather and NAS infrastructure changes.		**Y**				**Y**	**Y**	
5.72	facility boundaries are adjusted to accommodate dynamic changes in airspace structure.						**Y**		
5.73	This fleYibility of sector and facility structure is accommodated by improved coordination and communication within and between facilities.		**Y**				**Y**		
	6. OCEANIC OPERATIONS AND SERVICES								
6.1									**X**
6.2	Improvements in navigation, communication and the use of surveillance are paramount enablers of capacity enhancement in oceanic airspace.		**Y**	**Y**	**Y**		**Y**		
6.3	Procedural reductions in separation standards are facilitated through the improved infrastructure.		**Y**	**Y**	**Y**		**Y**		
6.4	Automation and procedural changes help service providers to be strategic in solving potential conflicts, traffic congestion, and demand for user preferred trajectories.		**Y**		**Y**		**Y**		
6.5	Oceanic separation minima are significantly reduced.		**Y**	**Y**	**Y**		**Y**		
6.6	Satellite navigation systems and datalink allow more accurate and frequent traffic position updates; datalink and eYpanded radio coverage provide direct air-to-ground communications (both digital and voice).		**Y**	**Y**	**Y**		**Y**		
6.7	Real time position data and continuously updated trajectory projections virtually eliminate manual control procedures in Oceanic airspace … Oceanic separation standards and procedures are derived from radar control techniques.		**Y**		**Y**		**Y**		
6.8	Rapid delivery of clearances by the service providers, and responses by the flight deck, are achieved through increasingly common use of datalink.		**Y**				**Y**		
6.9	Route and airspace fleYibility is achieved as Oceanic airspace is integrated into the global grid of named locations. This fleYibility is maYimized through seamless coordination within and between facilities.		**Y**				**Y**		
6.10	NAS Oceanic airspace is standardized to other NAS-International Civil Aviation Organization (ICAO) oceanic systems. Data are presented to service providers in all oceanic systems in a similar format, thus minimizing translation by the provider.						**Y**		
	6.1 ENVIRONMENT								
6.11									**X**
6.12	Reduced separation minima and dynamic management of route structures help the user formulate and request a preferred flight profile.		**Y**	**Y**	**Y**		**Y**		
6.13	Most aircraft navigate using a global satellite navigation system whose improved accuracy generates the required safety for reduced separation standards.			**Y**					
6.14	The combination of satellite-based communications and electronic message routing enables the oceanic system to be more interactive and dynamic, supporting cooperative activities among flight crews, AOCs, and service providers.		**Y**				**Y**		
6.15	Service providers use visual displays to monitor the traffic situation				**Y**		**Y**		
6.16	NAS oceanic service providers coordinate with their oceanic neighbors to agree on a common set of rules and operational procedures for a harmonized oceanic system		**Y**				**Y**		
6.17	Flight planning into non-U.S. airspace also evolves in concert with ICAO procedures.		**Y**					**Y**	
6.18									**X**
	6.2 SERVICES								
6.19									**X**
	6.2.1 Separation Assurance								
6.20	Changes in both aircraft-to-aircraft and aircraft-to-airspace separation assurance occur in 2005.			**Y**	**Y**		**Y**		
6.21	The oceanic service provider has a display of traffic in the oceanic airspace, ensuring separation in the same manner as in domestic airspace, although the separation criteria may be different.		**Y**		**Y**		**Y**		
6.22	The oceanic environment creates opportunity for the transfer of separation assurance to the pilot for specific operations.		**Y**		**Y**		**Y**		
6.23	Pilots have situation awareness of nearby traffic through a cockpit display of traffic information.		**Y**		**Y**		**Y**		

6.24	Aircraft position updates are supplied by the aircraft's broadcast of satellite navigation-derived position data transmissions.		**Y**	**Y**	**Y**		**Y**		
6.25	pilots may coordinate with service providers for clearance to conduct specified maneuvers while the pilot's view of nearby traffic supplements the service provider's big picture of longer term traffic flow.		**Y**	**Y**	**Y**		**Y**		
6.26	pilots may obtain approval for special maneuvers such as station keeping with reduced spacing.		**Y**	**Y**	**Y**		**Y**		
6.27	The pilot's ability to support climbs, descents, crossing and merging routes is supplemented by the service provider's conflict probe decision support system.		**Y**	**Y**	**Y**		**Y**		
6.28	The oceanic service provider benefits from use of the same type of decision support tools available to help en route service providers	Such tools aid in detecting and resolving possible conflicts, and preventing controlled aircraft from entering restricted airspace.					**Y**		
6.29	***Moved to 6.28***								
6.30	Aircraft crossing Air Defense boundaries are reported to the appropriate military entity.		**Y**		**Y**		**Y**		
6.31	Coordination and eYchange of information between sectors is automated		**Y**				**Y**		
	6.2.2 Traffic and Airspace Management								
6.32									**X**
6.33	Full surveillance, better navigation tools, real-time communications and automated data eYchange between the pilot and service provider via datalink facilitate the transition away from tracks and toward trajectories in oceanic airspace.		**Y**	**Y**	**Y**		**Y**		
6.34	The airspace structure may change dynamically based on weather, demand and user preferences.					**Y**	**Y**		
6.35	These changes are coordinated with all affected national and international traffic flow service providers via electronic data transfer.		**Y**				**Y**		
6.36	Service providers, aided by supporting automation and electronic visual displays, are able to acquire and view timely and reliable flight information to dynamically address necessary changes to the airspace or trajectories.		**Y**		**Y**	**Y**	**Y**		
6.37	Adjustments must be made to the airspace structure and/or trajectories when demand eYceeds capacity.		**Y**		**Y**	**Y**	**Y**		
6.38	In oceanic airspace, these changes are coordinated with national and international traffic flow service providers.		**Y**				**Y**		
6.39	The service provider has access to the NAS-wide information system as well as projected demand for the day.		**Y**				**Y**	**Y**	
6.40	The NAS service provider collaborates with international service providers to determine the daily airspace structure, identify and eYplore alternatives to potential capacity problems, and manage traffic over fiYes including gateway entries.		**Y**			**Y**	**Y**		
	7. NAS MANAGEMENT								
7.1	NAS infrastructure management and air traffic management are creating an environment of user fleYibility, collaborative partnership, and information sharing among themselves and with their users.		**Y**				**Y**	**Y**	
7.2	Through collaborative decision making, service providers focus on providing the best, seamless service to users.		**Y**				**Y**		
	7.1 NATIONAL TRAFFIC MANAGEMENT								
7.3	7.1.1 Traffic Flow Management								
7.4									**X**
7.5	Air traffic service providers at the ATCSCC monitor traffic, weather and infrastructure across the NAS.		**Y**		**Y**	**Y**	**Y**	**Y**	
7.6	manage and implement broad scope traffic restrictions, facilitate coordination among other domestic/international service providers, and interact with AOC facilities and other NAS user organizations.		**Y**				**Y**	**Y**	
7.7	Continuous evaluation of traffic management initiatives, to determine their effectiveness and their impact on users		**Y**		**Y**	**Y**	**Y**	**Y**	
7.8	ATCSCC service providers monitor NAS performance and adjust traffic management strategies as needed.		**Y**				**Y**	**Y**	
7.9									**X**
7.10	Increased automated information eYchange among domestic/international service providers, and between service providers and users, supports seamless global air traffic management.		**Y**				**Y**	**Y**	
7.11	Increased collaboration between service providers and users in problem resolution improves overall system effectiveness.		**Y**				**Y**	**Y**	

7.12	Enhanced decision support systems improve NAS monitoring, performance measurement, and strategy development.		**Y**				**Y**	**Y**	
7.13	Automation and decision support capabilities tailored for the ATCSCC … facilitate coordination among local and national traffic flow managers to improve decision making.		**Y**				**Y**	**Y**	
7.14	Dynamic airspace is collaboratively managed.		**Y**				**Y**	**Y**	
	7.1.2 Infrastructure Management								
7.15	***Combined with 7.16***								
7.16	The overriding objective of NAS Infrastructure Management is to enhance the efficiency and effectiveness of NAS infrastructure service delivery. Fundamental to the management concept is the belief that effective service must be provided on the basis of user priorities through shared information and decision making.		**Y**				**Y**	**Y**	
7.17	new technology provides opportunities for major technology infusion to enhance infrastructure management.							**Y**	
7.18	Innovative ways of managing the NAS infrastructure emerge	new computing and communications capabilities, increased equipment and system self-monitoring and self-restoration, enhanced networking, and eYpanded use of remote monitoring and control.	**Y**				**Y**	**Y**	
7.19	The new technologies … require new management methods and operations processes to capitalize on the opportunities.							**Y**	
7.20									**X**
7.21	Infrastructure operations and maintenance (O&M) are performed from the viewpoint of customer requirements for the services, with an understanding of the effects of O&M activities on service delivery to NAS infrastructure users.							**Y**	
7.22	Close collaboration with infrastructure users ensures that the right service and priority is applied to service delivery.		**Y**					**Y**	
7.23	Infrastructure operations are performed from a national perspective.	uniform, nationwide procedures are applied and infrastructure activities managed on a broad view basis of impact across the NAS.						**Y**	
7.24	Full-time monitoring and control of NAS infrastructure service delivery and systems functioning is provided for efficient service and systems management.						**Y**	**Y**	
7.25	Remote monitoring and control is increasingly used to enhance timeliness of response to infrastructure user needs, and increase efficiency in the use of field personnel.						**Y**	**Y**	
7.26	In-depth NAS infrastructure management eYpertise is consolidated to provide rapid, effective response to infrastructure user needs, and effect efficiencies.							**Y**	
7.27	Information collection and eYchange, automated decision support, and remote monitoring and control systems are effectively integrated.		**Y**				**Y**	**Y**	
	7.2 ENVIRONMENT								
	7.2.1 Traffic Flow Management								
7.28	Users are better able to plan their flight … and to minimize congestion or possible delays due to the … NAS-wide information system.	This system includes up to date information such as capacity and aggregate demand at airports and other NAS resources, airport field conditions, traffic management initiatives in effect, and Special Use Airspace status.	**Y**				**Y**	**Y**	
7.29	ATCSCC service providers collaborate with domestic and international service providers, including other eYecutive flow units, to provide for end-to-end flight planning predictability.		**Y**				**Y**	**Y**	
7.30	TFM employs the philosophy of problem resolution at the lowest level							**Y**	
7.31	The ATCSCC provides oversight to minimize system impact and equitably distribute the impact to the users.						**Y**		
7.32	Collaboration is used to negotiate a revised flight trajectory, in real-time.		**Y**		**Y**	**Y**	**Y**	**Y**	
7.33	Increased collaboration among local facilities, the ATCSCC and NAS users is augmented by decision support systems that enable a shared view of traffic and weather with all parties.		**Y**			**Y**	**Y**		
7.34	"what-if" tools for both the service provider and the NAS user allow proposed strategies to be evaluated.						**Y**		
7.35	Because NAS users have increased fleYibility in planning routes and schedules, and because the NAS relies less on routine restrictions and fiYed routes to structure traffic, managing NAS resources becomes more dynamic and adaptive.		**Y**				**Y**	**Y**	

7.36	Improved decision support systems help service providers visualize demand and manage the more compleY traffic flows.		**Y**		**Y**	**Y**	**Y**	**Y**	
7.37	decision support systems that evaluate NAS performance in real-time enable the service provider to be more responsive and to develop more effective traffic management strategies.						**Y**	**Y**	
	7.2.2 Infrastructure								
7.38	The infrastructure and traffic flow management collaborate closely with air traffic service providers.		**Y**				**Y**		
7.39	Air traffic service providers not only have a point-of-contact for system trouble reports but are kept aware of system status and the status of trouble reports.		**Y**				**Y**	**Y**	
7.40	The infrastructure service provider responsible for resolving a particular problem is available for immediate communication with the air traffic service provider		**Y**				**Y**	**Y**	
7.41	Acting under guidance from the national center, infrastructure management service providers assure NAS infrastructure service delivery by directing and prioritizing infrastructure management from a user perspective. They monitor the NAS infrastructure performance and determine actions needed.		**Y**				**Y**	**Y**	
7.42	Some infrastructure management service providers perform remote management of systems, others perform on-site maintenance for fault correction, preventive maintenance, and equipment installation and removal.		**Y**				**Y**	**Y**	
	7.3 NATIONAL TRAFFIC MANAGEMENT OPERATIONS AND SERVICES								
	7.3.1 Traffic Flow Management								
7.43	Service providers at the ATCSCC develop a NAS-wide understanding of conditions, capacity, and traffic flow to serve as a central point-of-contact for NAS users and local service providers.		**Y**				**Y**	**Y**	
7.44	They use the NAS-wide information system to manage information about current and predicted NAS conditions as well as past performance.		**Y**				**Y**	**Y**	
7.45	The ATCSCC utilizes broader information on international traffic and aviation equipment in support of global traffic flow management.		**Y**				**Y**		
7.46	local service providers have access to the NAS-wide information system, projected demand for the day, and tools to strategically identify areas and times of higher density, traffic flow management issues can be efficiently resolved at the local level.		**Y**				**Y**	**Y**	
7.47	In coordination with the national flow management, and in collaboration with the user, local traffic flow management eYplores alternatives for managing the potential problems.		**Y**				**Y**	**Y**	
7.48	The ATCSCC stays informed about traffic flow restrictions initiated locally.		**Y**				**Y**	**Y**	
7.49	Working with service providers at terminal and en route facilities, the ATCSCC also initiates and coordinates traffic flow restrictions of a broad scope, strategic or tactical, depending on the situation.		**Y**		**Y**	**Y**	**Y**	**Y**	
7.50	ATCSCC service providers … managing national programs that modify national procedures and techniques governing daily operations.						**Y**	**Y**	
7.51	Keeping abreast of NAS status and local traffic management initiatives is efficiently done with the NAS-wide information system.						**Y**	**Y**	
7.52	Less time is spent on status checking, allowing service providers and users to focus on analyzing situations and on coordinating traffic management strategies.		**Y**				**Y**	**Y**	
7.53	Service providers at the ATCSCC develop a composite understanding of NAS weather and capacity conditions and make appropriate updates to the NAS-wide information system.		**Y**			**Y**	**Y**	**Y**	
7.54	Service providers at the ATCSCC monitor multi-source weather information … used to predict NAS element capacities and traffic flow patterns.	displays integrating weather and traffic information. incorporates data provided by NAS users				**Y**	**Y**		
7.55	***Moved to 7.57***								
7.56	**“ “ “**								
7.57	The demand-capacity balance of major traffic flows across the NAS is monitored by the ATCSCC with a broader strategic focus than local service providers. … makes eYtensive use of predictive capabilities, … more comprehensive and current information from users and international service providers.	Attention is given to departure and arrival demand and runway configurations at major airports, SUA active status and schedules, special events, and en route traffic volume.	**Y**		**Y**	**Y**	**Y**	**Y**	
7.58	Revisions to schedules and routes are included in this set of information. They also receive information identifying how quickly the neYt aircraft would be available for takeoff (e.g., which aircraft have pushed back).	For eYample, the ATCSCC receives flight cancellation information at the same time as an airport.	**Y**				**Y**	**Y**	
7.59	It is the responsibility of service providers at local facilities to set such capacity measures as airport arrival acceptance rates.		**Y**				**Y**	**Y**	

7.60	Information about arrival capacity allocations, reroute programs and other restrictions is automatically recorded … as is information from local facilities	The recorded information includes both predicted and actual conditions.	**Y**				**Y**		
7.61	Service providers at the ATCSCC coordinate with local service providers as needed to verify information about, anticipated congestion, delays, and/or other adverse situations.		**Y**				**Y**	**Y**	
7.62	To anticipate where and when demand might eYceed capacity, both local and national traffic flow managers rely on decision support systems	decision support system helps the service provider evaluate the impact of proposed strategies on the NAS by identifying options for avoiding problematic traffic situations.For eYample, areas and times of high demand across the NAS are predicted by identifying optimal wind routes, determined through analysis of upper air winds information.	**Y**		**Y**	**Y**	**Y**	**Y**	
7.63	Moved to 7.62								
7.64	The NAS-wide information system makes information available to all service providers for a common understanding of situations … they can collaboratively plan strategies that are not only more responsive to the situation, but also consider the needs of the entire NAS.		**Y**					**Y**	
7.65	User fleYibility is significantly eYpanded by advance information about demand and capacity … revising their plans in a timely manner.		**Y**				**Y**		
7.66	ATCSCC service providers continue to manage capacity control programs (CCPs); more accurate, real-time data and user collaboration reduce the frequency of such initiatives. The programs are primarily used in the case of infrastructure outages or inclement weather.		**Y**		**Y**	**Y**	**Y**	**Y**	
7.67									**X**
7.68	In some instances international flights will be included in CCP's, providing for a more equitable distribution of impact and increasing the users options for time slot substitutions.						**Y**		
7.69	Decision support systems aid the ATCSCC in monitoring user adherence to arrival times.						**Y**		
7.70	To resolve recurrent traffic flow problems, ATCSCC service providers utilize improved automation capabilities for monitoring, measuring and reporting NAS performance.	This automation includes decision support systems for developing alternative airspace designs, simulating traffic through the NAS for each airspace structure proposal, and evaluating each proposal.					**Y**	**Y**	
7.71	Resolution of recurrent problems may include inter-facility coordination to analyze operational data, develop procedural changes, and negotiate with NAS users and local service providers.		**Y**				**Y**	**Y**	
7.72	The analysis of NAS operations includes an assessment of the general effectiveness and fairness of flow constraints.						**Y**		
7.73	Information from the analysis is entered into the NAS-wide information system and helps identify compliance issues and incentives to improve collaborative flow planning.		**Y**					**Y**	
	7.3.2 Infrastructure								
7.74	NAS service delivery refers to the management of NAS equipment, facilities, systems, and the services they provide. Managing services ultimately relies on managing systems and their component elements.							**Y**	
7.75	***Moved to 7.74***								
7.76	system management activities are effectively performed by a prioritization scheme and responsiveness based on service performance needs.	For eYample, response and recovery times for air traffic decision support systems support the air traffic services provider's reliance on automation, given the direction toward a paperless environment in 2005.					**Y**	**Y**	
7.77	NAS infrastructure services include communications, navigation, surveillance, weather, decision support, and environmental services.		**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	
7.78	Some infrastructure services such as navigation and landing signals, and aeronautical information broadcasts are provided directly to FAA customers.		**Y**	**Y**			**Y**	**Y**	
	8. MANAGEMENT								
8.1	The approach to operations management will shift to a paradigm where managers have local control over resources, and use an automated information management system to access and analyze data.		**Y**				**Y**	**Y**	
8.2									**X**
8.3	Managers have the necessary fiscal and personnel resources to accomplish their mission, and the authority to allocate resources as needed.						**Y**	**Y**	
8.4	A management information system provides automated access to management data about NAS operations and infrastructure. It integrates with a decision support system to aid in managing the budget, personnel and operations.						**Y**	**Y**	

8.5									**X**
	8.1 ENVIRONMENT								
8.6	Operational managers work autonomously, with less management oversight from outside the facility						**Y**	**Y**	
8.7									
8.8	Business operations are more effectively managed and monitored by easy access to, and analysis of data through a management information system.						**Y**	**Y**	
8.9	The management information system is national in scope, providing information about the operations of all FAA operational facilities.						**Y**	**Y**	
8.10	managers … benchmark their operations against other facilities, … understand and compare the operational and fiscal efficiency of all facilities.						**Y**	**Y**	
8.11	The management information system provides access to a database integrated with eYecutive decision support tools for managing the budget and analyzing the cost of operations.	Information such as cost of operating the facility, personnel and overhead costs, overtime, labor-management relations, and adherence to schedules can be eYtracted.	**Y**				**Y**	**Y**	
8.12	Based on the analyses, the manager can make educated decisions about resource allocation and operational efficiency.						**Y**	**Y**	
	8.2 MANAGEMENT OPERATIONS AND SERVICES								
8.13	Roles and responsibilities of managers change	For eYample, although the primary role of the first line supervisor continues to be one of providing operations management support, roles and responsibilities eYpand to account for ongoing changes to the management structure.					**Y**	**Y**	
8.14	Management resources such as training, administration support and labor relations are pooled across organizational boundaries for an equitable distribution.						**Y**	**Y**	
8.15	In order to make the operation efficient and successful, one facility manager is accountable for the air traffic services run at the respective field unit *and* the infrastructure management support that makes the operations possible.						**Y**	**Y**	
8.16									
8.17	To support the new demands on managers, appropriate training is provided to ensure that managers have the necessary knowledge, skills, and abilities to perform the range of management tasks and decision making activities eYpected.							**Y**	
8.18									

APPENDIX D. RESEARCH AND DEVELOPMENT PROGRAM CATEGORIZATION

RANKING VALUES ARE: Definitions in
Y++ , Y+ , Y , Y-, Y-- Appendix A

			FUNCTIONS							DOMAINS:							SYSTEMS:			AREAS:				
Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
FAA99																								
Security	**>>>>>>>>**	**PROGRAMS**																						
	119eds.doc	Electromagnetic Detection																	Y		Y	Y		Security; IOC Present-2003
	130asti.doc	Security of Civil Aviation Airports and Air Carriers																	Y		Y	Y-		Security; IOC 1999-2002
	128HF.DOC	Human Systems Integration																	Y	Y+				Security; IOC Present-2003
	TRACEIMP.DOC	N/A							X															Security
	117ct.doc	Combined Technology for Explosives Detection																	Y		Y	Y-		Security; IOC Present-2000
	118eds.doc	X-Ray Explosives Detection					Y=												Y		Y	Y=		Security; IOC Present-2004
	120eds.doc	Nuclear Explosives Detection					Y-												Y		Y	Y=		Security; IOC Present-2003
	124ah.doc	Explosive /Advanced Threat Vulnerability/Mitigation										Y=	Y=	Y=			Y				Y			Security; IOC Present-2000
	115eds.doc	Trace Explosives Detection for Passenger Screening																	Y	Y-	Y			Security; IOC Present-2001
	116EDS DOC	Trace Detection for Electronics, Baggage and Cargo																	Y		Y	Y-		Security; IOC Present-2002
FAA99																								
ATS	**>>>>>>>>**	**PROGRAMS**																						
	99OPSC	Operational Concept-Development and Validation	Y+	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y+	Y	Y	Y-	Y	Y#	Y	Y+		FAA vision of service provider to aviation community; defines policies, procedures, roles & responsibilities of personnel as opposed to hardware; IOC Present-2005
	ADLRPD7D.DOC	Aeronautical Data Link	Y+			Y+	Y			Y-	Y+	Y-	Y-		Y+		Y	Y+	Y		Y			data link communications; IOC Present-2003

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
	ADSBRPD.DOC	ADS-B																						automatic dependent surveillance, broadcast
					Y#		Y			Y	Y		Y	Y	Y-		Y+		Y	Y-				(ADSB); IOC 1999-2002
	AND620.DOC	Traffic Alert and Collosion Avoidance System (TCAS)			Y-		Y-					Y-			Y		Y+				Y			traffic alert and collision avoidance system (TCAS); IOC 1999-2003
	AWAFRPD.DOC	Aviation Weather Analysis & Forecasting				Y#				Y	Y	Y-	Y						Y		Y	Y-		aviation weather analysis and forecasting; IOC 1999-2003
	HF99RPD4.DOC	ATS Human Factors	Y=	Y=	Y=		Y	Y		Y-		Y-	Y-		Y	Y	Y		Y	Y#	Y+			general human factors studies; IOC Present-2003
	MMRPD99.DOC	Aviation System Capacity Planning						Y			Y				Y+	Y			Y		Y			aviation system capacity planning (mostly ground); IOC Present-1999
	NAVRPD2.DOC	Satellite Navigation		Y+			Y=						Y-	Y-			Y	Y	Y			Y		satellite program for aircraft navigation; IOC 1999-2003
	NIMS_RPD.DOC	Infrastructure Requirements Analysis				Y=		Y				Y=			Y	Y			Y	Y-	Y			infrastructure requirements analysis (in terms of ground infracstructure); IOC 1999-2003
	R&DMAPS2.DOC	Improved NAS Map Generation					Y			Y=		Y-							Y					improved NAS map generation; IOC 1999-2000
	RWYRPD.DOC	Runway Incursion Reduction			Y						Y	Y+				Y			Y					minimize runway incursions, increase surface traffic efficiency; IOC Present-2002
	SAFESOFT.DOC	Does software affect flight safety?					Y									Y	Y	Y=	Y-		Y			does software affect flight safety?; IOC TBD
	SMARPD.DOC	RE&D on Surface Movement						Y			Y	Y							Y		Y	Y		surface movement; taxi delays; IOC Present-2002
	TFMRPD	TFM R&D	Y=				Y-				Y								Y	Y				traffic flow management through communication, balanced delays and balanced workloads; IOC Present-2000
FAA99																								
Environme	**>>>>>>>**	**Programs**																						
	TA_EE_~1.DOC	subsonic jet source noise reduction research									Y	Y-					Y			Y				subsonic jet source noise reduction research (joint FAA/NASA); IOC 1999-2001
FAA99																								
r&d manag	**>>>>>>>>**	**PROGRAMS**																						
	PARTNRPD.DOC	R&D Partnerships	Y=	Y=	Y=	Y=	Y=	Y=		Y=	Y=	Y=	Y=	Y=	Y+	Y=	Y=	Y=	Y=	Y=	Y=	Y#		RE&D resource and investment management for FAA; for determining more efficient partnerships for research; 1999-2003
	PLANSRPD.DOC	R,E&D Plans and Programs	Y=	Y=	Y=	Y=	Y=	Y=		Y=	Y=	Y=	Y=	Y=	Y+	Y=	Y=	Y=	Y=		Y	Y#		RE&D plans & programs; develop FAA infrastructurefor planning RE&D; IOC annual

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
	RPDSAMP.DOC	R&D Partnerships																						not sure if this is just a sample or not; evaluation of
			Y=	Y=	Y=	Y=	Y=	Y=		Y=	Y=	Y=	Y=	Y=	Y+	Y=	Y=	Y=	Y=	Y=	Y=	Y#		FAA RE&D programs compared to FAA goals (sounds kinda like PARTNRPD.DOC above)
	PD_RD.DOC	?	Y=	Y=	Y=	Y=	Y=	Y=		Y=	Y=	Y=	Y=	Y=		Y=						Y#		not sure if this is an RPD; incrased knowledge of programs by customers & partners; also, increased number of partnerships
FAA99																								
Airport	**>>>>>>>>>**																							
	FAARPD132	APR PLANNING& DESIGN TECHNOLOGY						Y			Y				Y				Y		Y+	Y+		larger a/c capacity and airport accomodations IOC 2001
	FAARPD136	IMPROVED PAVING MATERIALS						Y			Y				Y				Y		Y	Y+		reduce delays by less taxi/rnwy construction IOC 2000
	FAARPD138	NATIONAL DYNAMIC APR PAVEMENT TESTS						Y			Y				Y				Y		Y	Y+		a/c to apr design IOC 2003
	FAARPD143	NON-DESTRUCTIVE PAVEMENT TESTING						Y			Y				Y				Y		Y	Y+		current status of airport surfaces study IOC 2000
	FAARPD144	ADVANCED APR PAVEMENT DESIGNS						Y			Y				Y				Y		Y	Y+		a/c-rnwy compatability IOC 2005
	FAARPD146	IMPROVED APR LIGHTING SIGNAGE AND MARKINGS	Y-	Y-			Y	Y			Y	Y-			Y				Y		Y	Y+	Y+	guidance/safety; IOC 1999-2001
	FAARPD148	IMPROVED RUNWAY TRACTION						Y			Y				Y				Y		Y	Y	Y	Alternative Materials IOC 9/99-9/03
	FAARPD150	APR WILDLIFE HAZARD ABATEMENT						Y			Y				Y				Y				Y	" Scare Tactics" for wildlife IOC 2000
	FAARPD152	IMPROVED RESCUE & FIREFIGHTING EQUIP & AGENTS						Y			Y				Y				Y				Y+	new equip suitable; IOC Present-2001

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
	FAARPDTBD1	NEXT																						better controls suited for new lighting systems IOC 2002-2003
		GENERATION APR LIGHTING	Y-	Y-				Y			Y				Y				Y	Y	Y		Y+	
FAA00																								
Aircraft	**>>>>>>>>>**																							
	00rpd161	Structural Integrity of Commuters						Y=									Y		Y					IOC Present-2004
	00rpd419	Turbine Engine Research						Y=									Y							IOC Present-2005
	00rpd460	Risk Analysis Decision Support					Y=	Y+								Y-	Y-		Y					Flight Standards and CertificatesTracking Program; IOC Present-2003
	00rpd502	Aircraft Crashworthiness															Y							IOC Present-2003
	00rpd504	Advanced Materials / Structures															Y							IOC Present-2004
	00rpd510	Airborne Data Monitoring Systems					Y=	Y=				Y=					Y							IOC Present-2004
	00rpd511	Maintenance and Repair						Y#											Y		Y			IOC Present-2001
	00rpd515	Structural Response Simulation and Modeling						Y-									Y-							IOC Present-2004
	00rpd516	Aircraft Catastrophic Failure Prevention Program							x								Y							IOC Present-2003
	00rpd517	Fire Resistant Materials							x								Y							IOC Present-2004
	00rpd519	Rotorcraft Structural Integrity and Safety Issues						Y-									Y							IOC 2000-2004
	00rpd554	Flight Standards Data Quality						Y-									Y							IOC Present-2004
	00rpd556	Crash Airworthiness of Aircraft Engines						Y									Y							IOC Present-2004
	00rpd557	Aircraft Icing						Y			Y-	Y-	Y-	Y-			Y		Y-					IOC Present-2004
	00rpd558	Aircraft Fire Safety and Cabin Safety							x								Y							IOC Present-2005
	00rpd559	Electromagnetic Hazards to Aircraft Systems	Y-	Y-							Y=	Y=	Y=	Y=			Y							Effects all aspects of flight indirectly; IOC 2000

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
	00rpd560	Flight Control Digital Systems		Y-			Y-					Y=	Y=	Y=			Y							Future onboard capabilities; IOC 1999-2004
	00rpd564	Unleaded Fuels and Fuel System Safety Research							x								Y		Y-					IOC Present-2003
	00rpd584	Inspection Systems Research and Development						Y											Y					IOC Present-2004
FAA00																								
Airport	**>>>>>>>>>**																							
	rpd132	APR PLANNING&DESIGN TECHNOLOGY						Y			Y				Y				Y		Y+	Y+		larger a/c capacity and airport accomodations IOC 2001
	rpd136	IMPROVED PAVING MATERIALS						Y			Y				Y				Y		Y	Y+		reduce delays by less taxi/rnwy construction IOC 2000
	rpd138	NATIONAL DYNAMIC APR PAVEMENT TESTS						Y			Y				Y				Y		Y	Y+		a/c to apr design IOC 2003
	rpd143	NON-DESTRUCTIVE PAVEMENT TESTING						Y			Y				Y				Y		Y	Y+		current status of airport surfaces study IOC 2000
	rpd144	ADVANCED APR PAVEMENT DESIGNS						Y			Y				Y				Y		Y	Y+		a/c-rnwy compatability IOC 2005
	rpd146	IMPROVED APR LIGHTING SIGNAGE AND MARKINGS	Y-	Y-			Y	Y			Y	Y-			Y				Y		Y	Y+	Y+	guidance/safety; IOC 2001-2002
	rpd148	IMPROVED RUNWAY TRACTION						Y			Y				Y				Y		Y	Y	Y	Alternative Materials IOC 9/99-9/03
	rpd150	APR WILDLIFE HAZARD ABATEMENT						Y			Y				Y				Y				Y	" Scare Tactics" for wildlife IOC 2000
	rpd152	IMPROVED RESCUE & FIREFIGHTING EQUIP & AGENTS		Y				Y			Y				Y				Y				Y+	new equip suitable; IOC Present-2002

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
		NEXT																						better controls suited for new lighting systems, ground nav and com IOC 2002-2003
	rpd589	GENERATION APR LIGHTING	Y-	Y-				Y			Y				Y				Y	Y	Y		Y+	
FAA00																								
CH8	**>>>>>>>>>**																							
	3rpd20am	Aeromedical Research																		Y				IOC Present-2002
	3rpd20ma	Aviation Maintenance Human Factors						Y									Y=			Y#				IOC Present-2003
	9rpd20fd	Flight Deck Human Factors	Y=	Y=	Y=	Y=	Y=				Y=	Y=	Y=	Y=			Y			Y#				Pilot Instructions in Cockpit IOC 2002
FAA00																								
Environ	**>>>>>>>>**																							
	acna	Aircraft Noise Control									Y=	Y					Y				Y	Y=	Y=	Aircraft Noise Certification, reduce community noise 10db-IOC 2000
	aea	Aviation Environment Analysis									Y=	Y=	Y=				Y					Y=	Y=	Noise assessment; IOC 2000-2003
	eeec	Engine Exhaust Emissions Control									Y=	Y=	Y=	Y=			Y				Y=	Y=		Program addresses emmisions during indivisual phases of flight; IOC 2000-2003
FAA00																								
r&d manag	**>>>>>>>**																							
	partners	R&D Partnerships	Y=	Y=	Y=	Y=	Y=	Y=							Y+	Y=	Y=	Y=	Y=	Y=	Y=	Y#		IOC Present-2004
	planrpd	R,E&D Plans and Programs	Y=	Y=	Y=	Y=	Y=	Y=							Y+		Y=	Y=	Y=		Y	Y#		IOC Present-2004
FAA00																								
Security	**>>>>>>>>**																							
	oorpdach	Explosive/Advanced Threat vulnerability/mitigation															Y				Y			IOC Present-2003
	oorpdast	Security of Civil Aviation Airports and Air carriers																	Y		Y	Y-		IOC Present-2000
	oorpdcgo	Cargo- Explosives and Weapons detection in air cargo																	Y		Y			ioc-2000 cargo inspection system

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
		Checked luggae-																						ioc-2000
	oorpdchb	Explosives and weapons detection in checked luggage																	Y		Y			
	oorpdckp	Checkpoint-Explosives and weaons detection for passengers and carry-on luggage																	Y		Y			ioc-2000
	oorpdhis	Human Systems Integration																	Y	Y				IOC:2000 Improve human performance when using detection technologies
FAA00																								
ATS	**>>>>>>>>**	**PROGRAMS**																						
	rpdadl	Aeronautical Data Link	Y+			Y+	Y			Y-	Y+	Y-	Y-		Y+		Y	Y+	Y		Y			data link communications; IOC Present-2004
	rpdads	ADS-B			Y#		Y			Y	Y		Y	Y	Y-		Y+		Y	Y-				automatic dependent surveillance, broadcast (ADSB); IOC 2000-2003
	rpdtca	Traffic Alert and Collosion Avoidance System (TCAS)			Y-		Y-					Y-			Y		Y+				Y			traffic alert and collision avoidance system (TCAS); IOC Present-2004
	rpdhf	ATS Human Factors	Y=	Y=	Y=		Y	Y		Y-		Y-	Y-		Y	Y	Y		Y	Y#	Y+			general human factors studies; IOC Present-2004
	rpdasc	Aviation System Capacity Planning						Y			Y				Y+	Y			Y		Y			aviation system capacity planning (mostly ground); IOC ongoing
	rpdrun	Runway Incursion Reduction			Y						Y	Y+				Y			Y					minimize runway incursions, increase surface traffic efficiency; IOC Present-2002
	rpdsof	Does software affect flight safety?					Y									Y	Y	Y=	Y-		Y			does software affect flight safety? IOC Present-2003
	rpdss	Oceanic Seperation Standards			Y									Y			Y	Y			Y	Y		ADS-B Application & RVSM IOC FY2005
	rpdtea	Terminal Automation Advanced Capabilities Integration					Y	Y			Y	Y			Y				Y		Y	Y		Specification Development& Aligorithym for Improvements IOC FY00-04
	rpdtec	Technical Lab						Y							Y	Y	Y		Y	Y	Y	Y		ONGOING
	rpdtfm	NAS Management	Y-	Y-	Y-		Y			Y--		Y	Y	Y	Y				Y		Y			IOC 1998-2003
	rpdtos	Tower Surface Automation	Y-	Y-	Y	Y-	Y				Y								Y	Y	Y			IOC 1998-2004

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
	rpdvos	Voice Switch																						IOC Present-2003
		Interface Research	Y								Y	Y	Y	Y					Y		Y	Y		
	rpdenr	Enroute Oceanic DST Integration		Y			Y					Y-	Y#				Y			Y-				IOC 1998-2005
	rpdndi	NAS Design for Integration	Y-	Y-	Y-	Y-	Y-	Y-		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		IOC Present-2015
	rpdavf	Avionics and Flight Systems Technology	y		y		y				y	y	y				y	y						IOC Present-2003
	rpdnav	Navigation and Landing	Y=	Y#				Y+			Y=	Y+	Y#											IOC 2000-2003
	rpdavw	Aviation Weather Analysis & Forecasting				Y#				Y	Y	Y-	Y						Y		Y	Y-		aviation weather analysis and forecasting; IOC Present-2004
Mitre98	**>>>>>>>**	**Programs**																						
	98.1.1	Near term Procedures- 250kt speed restriction										Y									Y	Y		IOC Present-2000
	98.1.2	Near term Procedures- Miles-In-Trail Restrictions											Y								Y	Y		IOC Present-2000
	98.1.3	Near term Procedures- Preffered Routes		Y						Y			Y								Y	Y		IOC Present-2000
	98.1.4	Near term Procedures- Runway Incursions									Y												Y	IOC Present-2000
	98.2.1.1	TFM Operational Concept													Y	Y								IOC 2005-2015
	98.2.1.3.1	Self Managed Arrival Resequencing Tool					Y			Y		Y	Y		Y				Y		Y	Y		IOC Present-2000
	98.2.2	Concensus-Based TFM Architecture													Y	Y					Y			IOC 2005-2015
	98.2.3.1	RVR and SUA Information	Y					Y		Y					Y									IOC 2000-2005
	98.2.3.2	Callabrotive Routing Coordination Tool (CRCT)				Y	Y			Y			Y		Y				Y		Y			IOC Present-2000

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
		Mid-Term																						IOC 2000-2005
	98.2.3.3	Collabrative Routing Concept of Operations						Y		Y					Y									
	98.3.1	URET					Y	Y					Y	Y	Y									IOC Present-2000
	98.3.2 &98.3.3	Initial Conflict Probe					Y	Y		Y			Y		Y				Y		Y	Y	Y	IOC Present-2000
	98.3.4	En Route Operational Concepts	Y	Y		Y	Y	Y					Y		Y						Y			IOC 2005-2015
	98.3.5	En Route Architecture	Y	Y	Y	Y	Y	Y					Y		Y						Y			IOC 2005-2015
	98.3.2	URET- User Request Evaluation Tool					Y			Y			Y		Y				Y		Y	Y	Y	IOC Present-2000
	98.4.1	Near-Term Capabilities Definition	Y	Y	Y	Y	Y	Y					Y	Y	Y						Y			IOC 2000-2005
	98.4.2	Oceanic Domain Concept Evolution for Mid-Term	Y	Y	Y	Y	Y	Y		Y			Y	Y	Y					Y	Y			IOC 2000-2005
	98.4.3	Oceanic Architecture Strategy to the Mid-Term	Y	Y	Y	Y	Y	Y					Y	Y	Y						Y			IOC 2000-2005
	98.5.1	Consensus-Based Navigation System Evolution Strategy		Y						Y					Y		Y	Y	Y		Y			IOC Present-2000
	98.5.2	WAAS Phase 1 capability for initial en route and precision approach		Y				Y		Y		Y	Y		Y		Y	Y	Y		Y			IOC Present-2000
	98.5.3	Phase E capability		Y				Y		Y		Y	Y		Y		Y	Y	Y		Y			IOC 2000-2005
	98.5.4	LAAS capability for CAT I/II/III Precision Approach		Y				Y		Y		Y	Y		Y		Y	Y	Y		Y			IOC 2005-2015
	98.5.5	Future GPS		Y											Y						Y	Y		IOC 2005-2015
	98.6.1	NOW Applications	Y					Y					Y				Y		Y					IOC Present-2000
	98.6.2	NEXCOM Investment Decision	Y					Y							Y		Y		Y					IOC Present-2000
	98.6.3	NEXCOM Architecture	Y					Y							Y		Y		Y					IOC Present-2000
	98.6.4	NEXCOM Analysis	Y					Y							Y		Y		Y		Y			IOC Present-2000

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
		Terminal Area Needs																						IOC 2000-2005
	98.7.1	Assessment					Y	Y				Y			Y				Y		Y			
	98.7.2	Terminal Area Evolution Strategy	Y	Y	Y	Y	Y	Y				Y			Y				Y		Y			IOC 2000-2005
	98.7.3	Terminal Area Operational Concepts	Y	Y	Y	Y	Y			Y		Y			Y		Y	Y	Y		Y			IOC 2000-2005
	98.7.4	FMS/GPS Routes		Y						Y		Y			Y		Y	Y	Y		Y			IOC Present-2000
	98.8.1	Flight 2000:System Level Architecture	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y		Y	Y	Y					IOC 2000-2005
	98.8.2	Flight 2000: Acquisition and Certification process that ensures F2K avioncs by 2001	Y	Y	Y	Y	Y			Y	Y	Y	Y	Y	Y		Y							IOC 2000-2005
	98.8.3	Flight 2000: F2K System-Level Metrics	Y	Y	Y	Y	Y			Y	Y	Y	Y	Y	Y						Y			IOC Present-2000
	98.8.4	Flight 2000:ADS-B Implementation and Evaluation Strategy			Y					Y	Y	Y	Y	Y	Y		Y	Y	Y			Y		IOC Present-2000
	98.9.1	ADS-B Procedures			Y		Y			Y	Y	Y	Y	Y	Y		Y	Y	Y		Y			IOC Present-2000
	98.9.2	TCAS Enhancements			Y		Y			Y	Y	Y	Y	Y	Y		Y			Y	Y			IOC Present-2000
	98.9.3	Surveillance Requirments			Y					Y	Y	Y	Y	Y	Y		Y		Y		Y			IOC 2000-2005
	98.9.4	Broadcast Communication	Y							Y	Y	Y	Y	Y	Y		Y	Y	Y		Y	Y		IOC 2000-2005
	98.10.1	NIMS						Y		Y	Y	Y	Y	Y	Y	Y						Y		IOC 2000-2005
	98.11.1	Airsapce Design	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y	Y	IOC 2000-2005
	98.12.1	NAS Architecture	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y		IOC 2000-2005
	98.12.2	NAS Operational Concepts	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y		IOC 2000-2005
	98.12.3	CNS Spectrum	Y	Y	Y					Y	Y	Y	Y	Y	Y		Y	Y	Y		Y			IOC 2000-2005
	98.12.4	Information Security	Y				Y			Y	Y	Y	Y	Y	Y		Y	Y	Y		Y	Y	Y	IOC 2000-2005
	98.12.5	Surveillance			Y		Y			Y	Y	Y	Y	Y	Y		Y	Y	Y		Y	Y		IOC 2000-2005
	98.13.1	User Service Performance and Planning								Y	Y	Y	Y	Y	Y	Y					Y	Y		IOC 2000-2005
	98.14.1	System Research								Y	Y	Y	Y	Y	Y	Y					Y	Y		IOC 2000-2005

Agency or Source and FY	File Name	Program Name	COMMUNICATION	NAVIGATION	SURVEILLANCE	WEATHER	AUTOMATION	MAINTENANCE & FACILITIES	Not Applicable to Any Domain	2. Flight Planning	3. Airport Surface	4. DEP AND ARV SERV	5. EN ROUTE/CRUISE	6. OCEANIC OPS	7. NAS MANAGEMENT	8. MANAGEMENT	AIRBORNE SYSTEMS	SPACE SYSTEMS	GROUND SYSTEMS	HUMAN FACTORS	PERFORMANCE MEASURMENT	ECONOMIC IMPACT	OTHER	COMMENTS/IOC
		STARS Human																						IOC 2000-2005
	98.15.1	Factors					Y	Y				Y			Y	Y			Y	Y	Y			
NASA	**>>>>>>>>>>**	**Programs**																						
AATT																								
	A-FAST	Acive Final Approach Spacing Tool			Y		Y				Y	Y							Y	Y	Y	Y		IOC FY01
	EDP	Expedite Departure Path			Y		Y				Y	Y	Y						Y	Y	Y	Y		IOC FY00
	NSAT	Natioanl Surface Advisory Tool	Y		Y		Y				Y	Y	Y						Y		Y	Y		IOC FY04
	CAP	Collabrative Arrival Planning	Y				Y				Y	Y							Y		Y	Y		IOC FY01
	APATH	Airborne Planner for Avoiding Traffic and Hazards	Y	Y	Y		Y			Y	Y	Y	Y				Y				Y	Y		IOC FY03
	FFCOM	Free Fligt Communication Study	Y	Y	Y					Y	Y	Y	Y	Y							Y	Y		IOC FY05
	TMA	Traffic Management Advisor			Y		Y					Y							Y		Y			IOC Present-2000
	P-Fast	Passive Final Approach Spacing Tool			Y		Y					Y							Y		Y			IOC Present-2000
	SMA	Passive Surface Movement Advisor			Y		Y				Y								Y	Y	Y			IOC Present-2000
	CPTP	Conflict Predicition and Trial Planning Tool			Y		Y					Y	Y						Y	Y	Y			IOC Present-2000
	EDA	En Route Descent Advisor			Y		Y						Y				Y		Y	Y	Y			IOC FY00

APPENDIX E. MAPPING OF PROGRAMS TO LEVEL 1 CONOPS

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	1.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.1	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.1	P	Flight 2000: system architecture	mitre	98
navrpd2.doc	1.2	E	ground and airborne systems will require sat nav	FAA	99
RWYRDP.Doc	1.2	E		FAA	99
99OPSC~2.DOC	1.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.2	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	1.2	Y	airborne-ground interaction requires data link	FAA	99
ADSBRPD.DOC	1.2	Y	ground a airborne infrastructure	FAA	99
AND620.DOC	1.2	Y	airborne system	FAA	99
NIMS_RPD.doc	1.2	Y	infrastructure evaluations	FAA	99
mitre 98.14.1	1.2	E		mitre	98
mitre 98.4.3	1.2	P	migration of NAS from ground structure to ground/airborne	mitre	98
rpdadl	1.2	Y	airborne-ground interaction requires data link	faa	2000
rpdndi	1.2	Y	plan for migration to new NAS	faa	2000
rpdrun	1.2	E		faa	2000
rpdtca	1.2	Y	airborne system	faa	2000
rpdads	1.2	Y	ground a airborne infrastructure	faa	2000
rpdavf	1.2	E		faa	2000
mitre 98.8.1	1.2	P	Flight 2000: system architecture	mitre	98
APATH	1.2	Y	APATH is an airborne system taking over some ground responsibilities	NASA	
99OPSC~2.DOC	1.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.3	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.4	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	1.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.4	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.4	1.4	E		mitre	98
SMARPD.doc	1.5	E		FAA	99
PLANSRPD.DOC	1.5	E		FAA	99
AND620.DOC	1.5	P	surveillance system	FAA	99
navrpd2.doc	1.5	P	navigation satisfied by sat nav	FAA	99
99OPSC~2.DOC	1.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.5	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	1.5	Y	comm needed	FAA	99
ADSBRPD.DOC	1.5	Y	comm / surveillance	FAA	99
TFMRPD~1.DOC	1.5	Y		FAA	99
mitre 98.14.1	1.5	E		mitre	98
mitre 98.12.2	1.5	E		mitre	98
mitre 98.12.5	1.5	P		mitre	98
mitre 98.12.3	1.5	P		mitre	98
mitre 98.11.1	1.5	P		mitre	98
mitre 98.8.1	1.5	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	1.5	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	1.5	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.4.3	1.5	P	develop air traffic environment of a global airspace system	mitre	98
mitre 98.5.1	1.5	Y	develop air traffic environment incorporating ICAO's communication, navigation and surveillance concept	mitre	98
mitre 98.2.3.1	1.5	Y	develop air traffic environment incorporating ICAO's CNS/ATM concept	mitre	98
FF COM	1.5	P		NASA	
planrpd.doc	1.5	E		faa	2000
rpdadl	1.5	Y	comm needed	faa	2000
rpdtfm	1.5	P		faa	2000
rpdvos	1.5	P		faa	2000
rpdenr	1.5	P	program en route research helps create flexible system	faa	2000
rpdndi	1.5	Y	develop new air traffic environment	faa	2000
rpdtca	1.5	P	surveillance system	faa	2000

Program Name	Requirement	Rating	Notes		
rpdads	1.5	Y	comm / surveillance	faa	2000
rpdtea	1.5	E		faa	2000
rpdss	1.5	E		faa	2000
rpdavf	1.5	E		faa	2000
99OPSC~2.DOC	1.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.6	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.6	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	1.7	E	new equipment	FAA	99
ADSBRPD.DOC	1.7	E	ADS-B means new equipment	FAA	99
R&DMAPS2.Doc	1.7	E	automation to provide more accurate maps	FAA	99
RWYRDP.Doc	1.7	E		FAA	99
SAFESOFT.Doc	1.7	E		FAA	99
SMARPD.doc	1.7	E		FAA	99
TA_EE_~1.DOC	1.7	E		FAA	99
PARTNRPD.DOC	1.7	E		FAA	99
PLANSRPD.DOC	1.7	E		FAA	99
FAARPD146	1.7	E		FAA	99
FAARPDTBD1	1.7	E		FAA	99
NIMS_RPD.doc	1.7	P	infrastructure evaluations	FAA	99
99OPSC~2.DOC	1.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.7	Y	This is the RPD for the 2005 Conops	FAA	99
AND620.DOC	1.7	Y	evolution through equipment	FAA	99
navrpd2.doc	1.7	Y	sat nav requires new procedures and equipment	FAA	99
TFMRPD~1.DOC	1.7	Y		FAA	99
mitre 98.7.1	1.7	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.11.1	1.7	P		mitre	98
mitre 98.8.1	1.7	P	Flight 2000: system architecture	mitre	98
AFAST	1.7	E		NASA	
EDP	1.7	E		NASA	
SMA	1.7	P		NASA	
CPTP	1.7	P		NASA	
NSAT	1.7	P		NASA	
FF COM	1.7	P		NASA	
aea	1.7	E		faa	2000
eeec.doc	1.7	E		faa	2000
faa rpd146	1.7	E		faa	2000
faa rpd589	1.7	E		faa	2000
partners..doc	1.7	E		faa	2000
planrpd.doc	1.7	E		faa	2000
rpdadl	1.7	E	new equipment	faa	2000
rpdtfm	1.7	P		faa	2000
rpdtos	1.7	P		faa	2000
rpdndi	1.7	Y	evolution process	faa	2000
rpdrun	1.7	E		faa	2000
rpdsof	1.7	E		faa	2000
rpdtca	1.7	Y	evolution through equipment	faa	2000
rpdads	1.7	E	ADS-B means new equipment	faa	2000
rpdtea	1.7	E		faa	2000
rpdss	1.7	E		faa	2000
rpdavf	1.7	E		faa	2000
99OPSC~2.DOC	1.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.8	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.8	P	Flight 2000: system architecture	mitre	98
AND620.DOC	1.9	E		FAA	99
RWYRDP.Doc	1.9	E		FAA	99
FAARPD146	1.9	E		FAA	99
FAARPDTBD1	1.9	E		FAA	99
TFMRPD~1.DOC	1.9	P		FAA	99
99OPSC~2.DOC	1.9	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	1.9	Y	This is the RPD for the 2005 Conops	FAA	99
navrpd2.doc	1.9	Y	sat nav explicitly	FAA	99
mitre 98.8.1	1.9	P	Flight 2000: system architecture	mitre	98
mitre 98.5.5	1.9	Y	transition to sat nav	mitre	98
mitre 98.5.1	1.9	Y	transition to sat navigation	mitre	98
AFAST	1.9	E		NASA	
EDP	1.9	E		NASA	
FF COM	1.9	Y		NASA	
faa rpd146	1.9	E		faa	2000
faa rpd589	1.9	E		faa	2000
rpdndi	1.9	Y	transition plan to new NAS	faa	2000
rpdrun	1.9	E		faa	2000
rpdtca	1.9	E		faa	2000
rpdnav	1.9	Y	satellite navigation transition	faa	2000
rpdavf	1.9	E		faa	2000
ADLRPD7D.DOC	1.10*	E	free flight will require more comm	FAA	99
AND620.DOC	1.10*	E	free flight enabled by onboard systems	FAA	99
AWAFRPD.DOC	1.10*	E	weather issues must be solved for free flight	FAA	99
SMARPD.doc	1.10*	E		FAA	99
TA_EE_~1.DOC	1.10*	E		FAA	99
PARTNRPD.DOC	1.10*	E		FAA	99
PLANSRPD.DOC	1.10*	E		FAA	99
NIMS_RPD.doc	1.10*	P	infrastructure needs to be redesigned for free flight	FAA	99
TFMRPD~1.DOC	1.10*	P		FAA	99
99OPSC~2.DOC	1.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.10*	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	1.10*	Y	supports free flight	FAA	99
navrpd2.doc	1.10*	Y	free flight needs sat nav	FAA	99
mitre 98.12.2	1.10*	P		mitre	98
mitre 98.11.1	1.10*	P		mitre	98
mitre 98.8.1	1.10*	P	Flight 2000: system architecture	mitre	98
AFAST	1.10*	E		NASA	
TMA	1.10*	P		NASA	
P-FAST	1.10*	P		NASA	
SMA	1.10*	P		NASA	
EDA	1.10*	P	Free Flight technologies and structures	NASA	
NSAT	1.10*	P		NASA	
CAP	1.10*	P	collaboration between airline center and providers moves toward Free Flight	NASA	
FF COM	1.10*	P		NASA	
APATH	1.10*	Y	APATH directly supports Free Flight	NASA	
aea	1.10*	E		faa	2000
eeec.doc	1.10*	E		faa	2000
partners..doc	1.10*	E		faa	2000
planrpd.doc	1.10*	E		faa	2000
rpdadl	1.10*	E	free flight will require more comm	faa	2000
rpdtfm	1.10*	P		faa	2000
rpdvos	1.10*	P		faa	2000
rpdenr	1.10*	Y	program en route research necessary for Free Flight	faa	2000
rpdndi	1.10*	Y	transition plan to new NAS	faa	2000
rpdtca	1.10*	E	free flight enabled by onboard systems	faa	2000
rpdads	1.10*	Y	supports free flight	faa	2000
rpdnav	1.10*	P	program outputs can lead to Free Flight	faa	2000
rpdavw	1.10*	E	weather issues must be solved for free flight	faa	2000
rpdtea	1.10*	E		faa	2000
rpdss	1.10*	E		faa	2000
rpdavf	1.10*	E		faa	2000
NIMS_RPD.doc	1.11	E	human-centered approach to service delivery	FAA	99
SMARPD.doc	1.11	E		FAA	99
FAARPD146	1.11	E		FAA	99

Program Name	Requirement	Rating	Notes		
FAARPDTBD1	1.11	E		FAA	99
99OPSC~2.DOC	1.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.11	Y	This is the RPD for the 2005 Conops	FAA	99
HF99RPD4.DOC	1.11	Y	human-centered approach	FAA	99
TFMRPD~1.DOC	1.11	Y		FAA	99
mitre 98.11.1	1.11	E		mitre	98
mitre 98.15.1	1.11	P		mitre	98
mitre 98.8.1	1.11	P	Flight 2000: system architecture	mitre	98
AFAST	1.11	E		NASA	
EDP	1.11	E		NASA	
SMA	1.11	P		NASA	
NSAT	1.11	P		NASA	
faa 3rpd20ma	1.11	E	maintenance management for service delivery could be directed to have human-centered approach	faa	2000
faa rpd146	1.11	E		faa	2000
faa rpd589	1.11	E		faa	2000
rpdtfm	1.11	P		faa	2000
rpdtos	1.11	P		faa	2000
rpdndi	1.11	Y	transition plan to new NAS with human centered approach	faa	2000
rpdhf	1.11	Y	human-centered approach	faa	2000
ADLRPD7D.DOC	1.12	E	information exchange needs comm	FAA	99
RWYRDP.Doc	1.12	E		FAA	99
SMARPD.doc	1.12	E		FAA	99
FAARPD146	1.12	E		FAA	99
FAARPD152	1.12	E		FAA	99
FAARPDTBD1	1.12	E		FAA	99
NIMS_RPD.doc	1.12	E	information exchange may be affected by infrastructure	FAA	99
99OPSC~2.DOC	1.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.12	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	1.12	Y	information exchange	FAA	99
TFMRPD~1.DOC	1.12	Y		FAA	99
mitre 98.11.1	1.12	E		mitre	98
mitre 98.10.1	1.12	P		mitre	98
mitre 98.8.1	1.12	P	Flight 2000: system architecture	mitre	98
EDP	1.12	E		NASA	
SMA	1.12	P		NASA	
CPTP	1.12	P		NASA	
AFAST	1.12	P		NASA	
NSAT	1.12	P		NASA	
faa rpd146	1.12	E		faa	2000
faa rpd152	1.12	E		faa	2000
faa rpd589	1.12	E		faa	2000
rpdadl	1.12	E	information exchange needs comm	faa	2000
rpdtfm	1.12	P		faa	2000
rpdtos	1.12	P		faa	2000
rpdvos	1.12	P		faa	2000
rpdndi	1.12	Y	expedite information exchange	faa	2000
rpdrun	1.12	E		faa	2000
rpdads	1.12	Y	information exchange	faa	2000
rpdtea	1.12	P		faa	2000
RWYRDP.Doc	1.13	E		FAA	99
SAFESOFT.Doc	1.13	E		FAA	99
SMARPD.doc	1.13	E		FAA	99
FAARPD146	1.13	E		FAA	99
FAARPDTBD1	1.13	E		FAA	99
99OPSC~2.DOC	1.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.13	Y	This is the RPD for the 2005 Conops	FAA	99
HF99RPD4.DOC	1.13	Y	human factors analysis and sims accounted for in system	FAA	99
TFMRPD~1.DOC	1.13	Y		FAA	99
mitre 98.15.1	1.13	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.1	1.13	P	Flight 2000: system architecture	mitre	98
AFAST	1.13	E		NASA	
CPTP	1.13	P		NASA	
faa rpd146	1.13	E		faa	2000
faa rpd589	1.13	E		faa	2000
faa 9rpd20fd	1.13	Y	human factors in distribution of users, providers, automation	faa	2000
rpdtos	1.13	P		faa	2000
rpdndi	1.13	Y	transition plan to new NAS with human centered approach	faa	2000
rpdrun	1.13	E		faa	2000
rpdsof	1.13	E		faa	2000
rpdhf	1.13	Y	human factors analysis and sims accounted for in system	faa	2000
AND620.DOC	1.14	E	situation awareness through operational assessments	FAA	99
SAFESOFT.Doc	1.14	E		FAA	99
SMARPD.doc	1.14	E		FAA	99
FAARPD146	1.14	E		FAA	99
FAARPDTBD1	1.14	E		FAA	99
RWYRDP.Doc	1.14	P		FAA	99
99OPSC~2.DOC	1.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.14	Y	This is the RPD for the 2005 Conops	FAA	99
HF99RPD4.DOC	1.14	Y	situation awareness, workload, interfaces designed with human factors	FAA	99
TFMRPD~1.DOC	1.14	Y		FAA	99
mitre 98.12.2	1.14	E		mitre	98
mitre 98.12.1	1.14	E		mitre	98
mitre 98.11.1	1.14	E		mitre	98
mitre 98.10.1	1.14	P		mitre	98
mitre 98.8.1	1.14	P	Flight 2000: system architecture	mitre	98
mitre 98.15.1	1.14	Y		mitre	98
AFAST	1.14	E		NASA	
EDP	1.14	E		NASA	
TMA	1.14	P		NASA	
P-FAST	1.14	P		NASA	
CPTP	1.14	P		NASA	
faa rpd146	1.14	E		faa	2000
faa rpd589	1.14	E		faa	2000
rpdtfm	1.14	P		faa	2000
rpdtos	1.14	P		faa	2000
rpdndi	1.14	Y	transition plan to new NAS with human centered approach	faa	2000
rpdrun	1.14	P		faa	2000
rpdsof	1.14	E		faa	2000
rpdtca	1.14	E	situation awareness through operational assessments	faa	2000
rpdhf	1.14	Y	situation awareness, workload, interfaces designed with human factors	faa	2000
rpdtea	1.14	E		faa	2000
NIMS_RPD.doc	1.15	E	constant workload could be enhanced by infrastructure	FAA	99
99OPSC~2.DOC	1.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.15	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	1.15	Y		FAA	99
mitre 98.8.1	1.15	P	Flight 2000: system architecture	mitre	98
TMA	1.15	P		NASA	
P-FAST	1.15	P		NASA	
SMA	1.15	P		NASA	
CPTP	1.15	P		NASA	
NSAT	1.15	P		NASA	
FF COM	1.15	P		NASA	
AFAST	1.15	Y		NASA	
rpdtfm	1.15	P		faa	2000
rpdtos	1.15	P		faa	2000
rpdndi	1.15	Y	addresses how to increase capacity without increasing worklo	faa	2000

Program Name	Requirement	Rating	Notes		
APATH	1.15	E	APATH has potential to keep controllers workload constant	NASA	
APATH	1.16	E	APATH has potential to keep controllers workload constant	NASA	
EDA	1.16	Y	constant controller workload through automation aids	NASA	
NIMS_RPD.doc	1.16	E	constant workload could be enhanced by infrastructure	FAA	99
R&DMAPS2.Doc	1.16	E	improved mapping possiby allows smaller separation standards and few boundary restrictions	FAA	99
SAFESOFT.Doc	1.16	E		FAA	99
SMARPD.doc	1.16	E		FAA	99
ADLRPD7D.DOC	1.16	P	improved air/ground comm	FAA	99
HF99RPD4.DOC	1.16	P	human factors must be consideration if no increase in workload	FAA	99
FAARPD146	1.16	P		FAA	99
FAARPDTBD1	1.16	P		FAA	99
99OPSC~2.DOC	1.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.16	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	1.16	Y	air / ground coordination and comm	FAA	99
RWYRDP.Doc	1.16	Y		FAA	99
TFMRPD~1.DOC	1.16	Y		FAA	99
mitre 98.15.1	1.16	E		mitre	98
mitre 98.14.1	1.16	E		mitre	98
mitre 98.7.1	1.16	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.2.3.3	1.16	E	controller workload constant, using decision support, improved air/ground comm and coordination, and enhanced ground/ground coordination	mitre	98
mitre 98.2.3.1	1.16	E	controller workload stays equivalent to 1990s through … improved air/ground comm	mitre	98
mitre 98.11.1	1.16	P		mitre	98
mitre 98.8.1	1.16	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	1.16	P	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.6.3	1.16	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	1.16	P	program deals with investment in next-generation air/ground radio	mitre	98
EDP	1.16	E		NASA	
TMA	1.16	P		NASA	
P-FAST	1.16	P		NASA	
SMA	1.16	P		NASA	
CPTP	1.16	P		NASA	
NSAT	1.16	P		NASA	
FF COM	1.16	P		NASA	
AFAST	1.16	Y		NASA	
faa rpd146	1.16	P		faa	2000
faa rpd589	1.16	P		faa	2000
rpdadl	1.16	P	improved air/ground comm	faa	2000
rpdtfm	1.16	P		faa	2000
rpdtos	1.16	P		faa	2000
rpdenr	1.16	Y	decision support systems keep controller workload constant	faa	2000
rpdndi	1.16	Y	addresses how to increase capacity without increasing worklo	faa	2000
rpdrun	1.16	Y		faa	2000
rpdsof	1.16	E		faa	2000
rpdads	1.16	Y	air / ground coordination and comm	faa	2000
rpdhf	1.16	P	human factors must be consideration if no increase in workload	faa	2000
rpdtea	1.16	P		faa	2000
rpdss	1.16	E		faa	2000
RWYRDP.Doc	1.17	E		FAA	99
SAFESOFT.Doc	1.17	P		FAA	99
99OPSC~2.DOC	1.17	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	1.17	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	1.17	Y	flight deck in separation responsibility	FAA	99
AND620.DOC	1.17	Y	conflict detection	FAA	99
AWAFRPD.DOC	1.17	Y	enhanced weather detection and reporting	FAA	99
TFMRPD~1.DOC	1.17	Y		FAA	99
mitre 98.11.1	1.17	E		mitre	98
mitre 98.8.1	1.17	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	1.17	P	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.3.2	1.17	P	conflict detection and resolution tools	mitre	98
mitre 98.3.1	1.17	P	conflict detection and resolution tools	mitre	98
mitre 98.3.3	1.17	Y	conflict detection and resolution tools	mitre	98
AFAST	1.17	E		NASA	
EDP	1.17	E		NASA	
TMA	1.17	P		NASA	
P-FAST	1.17	P		NASA	
SMA	1.17	P		NASA	
CPTP	1.17	P		NASA	
NSAT	1.17	P		NASA	
FF COM	1.17	P		NASA	
faa 00rpd460	1.17	P	air safety conflict detection and resolution tools	faa	2000
rpdtfm	1.17	P		faa	2000
rpdtos	1.17	P		faa	2000
rpdenr	1.17	Y	conflict detection / resolution keeps safety	faa	2000
rpdndi	1.17	Y	add conflict detection / resolution, flight deck in separation de	faa	2000
rpdrun	1.17	E		faa	2000
rpdsof	1.17	P		faa	2000
rpdtca	1.17	Y	conflict detection	faa	2000
rpdads	1.17	Y	flight deck in separation responsibility	faa	2000
rpdavw	1.17	Y	enhanced weather detection and reporting	faa	2000
rpdtea	1.17	P		faa	2000
rpdss	1.17	E		faa	2000
rpdavf	1.17	E		faa	2000
EDA	1.17	Y	air safety through conflict detection / resolution tools	NASA	
99OPSC~2.DOC	1.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.18	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.18	P	Flight 2000: system architecture	mitre	98
NIMS_RPD.doc	1.19	E	phased technologies is infrastructure issue	FAA	99
PARTNRPD.DOC	1.19	E		FAA	99
PLANSRPD.DOC	1.19	E		FAA	99
FAARPD132	1.19	E		FAA	99
FAARPD136	1.19	E		FAA	99
FAARPD138	1.19	E		FAA	99
FAARPD143	1.19	E		FAA	99
FAARPD144	1.19	E		FAA	99
FAARPD146	1.19	E		FAA	99
FAARPD148	1.19	E		FAA	99
FAARPD150	1.19	E		FAA	99
FAARPD152	1.19	E		FAA	99
FAARPDTBD1	1.19	E		FAA	99
MMRPD99.DOC	1.19	P	increasing capacity accounted in technology implementation	FAA	99
RWYRDP.Doc	1.19	P		FAA	99
SMARPD.doc	1.19	P		FAA	99
TA_EE_~1.DOC	1.19	P		FAA	99
99OPSC~2.DOC	1.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.19	Y	This is the RPD for the 2005 Conops	FAA	99
SAFESOFT.Doc	1.19	Y		FAA	99
TFMRPD~1.DOC	1.19	Y		FAA	99
mitre 98.14.1	1.19	E		mitre	98
mitre 98.12.2	1.19	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.12.5	1.19	P		mitre	98
mitre 98.12.1	1.19	P		mitre	98
mitre 98.11.1	1.19	P		mitre	98
mitre 98.8.1	1.19	P	Flight 2000: system architecture	mitre	98
mitre 98.4.2	1.19	Y	phased technology implementation	mitre	98
EDP	1.19	E		NASA	
AFAST	1.19	P		NASA	
FF COM	1.19	P		NASA	
faa rpd132	1.19	E		faa	2000
faa rpd136	1.19	E		faa	2000
faa rpd138	1.19	E		faa	2000
faa rpd143	1.19	E		faa	2000
faa rpd144	1.19	E		faa	2000
faa rpd146	1.19	E		faa	2000
faa rpd148	1.19	E		faa	2000
faa rpd150	1.19	E		faa	2000
faa rpd152	1.19	E		faa	2000
faa rpd589	1.19	E		faa	2000
partners..doc	1.19	E		faa	2000
planrpd.doc	1.19	E		faa	2000
aea	1.19	P		faa	2000
eeec.doc	1.19	P		faa	2000
faa 00rpd560	1.19	Y	phased implementation of new technology maintains safety	faa	2000
rpdasc	1.19	P	increasing capacity accounted in technology implementation	faa	2000
rpdtfm	1.19	P		faa	2000
rpdtos	1.19	P		faa	2000
rpdndi	1.19	Y	plan for phased technology implementation	faa	2000
rpdrun	1.19	P		faa	2000
rpdsof	1.19	Y		faa	2000
rpdtea	1.19	Y		faa	2000
RWYRDP.Doc	1.20*	E		FAA	99
AND620.DOC	1.20*	P	separation assurance	FAA	99
99OPSC~2.DOC	1.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.20*	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	1.20*	Y	separation is flight deck responsibility some times	FAA	99
TFMRPD~1.DOC	1.20*	Y		FAA	99
mitre 98.8.1	1.20*	P	Flight 2000: system architecture	mitre	98
EDA	1.20*	P	separation assurance from service provider	NASA	
rpdndi	1.20*	Y	service provider still maintains separation assurance, sometim	faa	2000
rpdrun	1.20*	E		faa	2000
rpdtca	1.20*	P	separation assurance	faa	2000
rpdads	1.20*	Y	separation is flight deck responsibility some times	faa	2000
rpdss	1.20*	E		faa	2000
rpdavf	1.20*	E		faa	2000
NIMS_RPD.doc	1.21	E	human-centered approach to new additions	FAA	99
RWYRDP.Doc	1.21	E		FAA	99
SAFESOFT.Doc	1.21	E		FAA	99
SMARPD.doc	1.21	E		FAA	99
PARTNRPD.DOC	1.21	E		FAA	99
PLANSRPD.DOC	1.21	E		FAA	99
FAARPD146	1.21	E		FAA	99
FAARPDTBD1	1.21	E		FAA	99
TFMRPD~1.DOC	1.21	P		FAA	99
99OPSC~2.DOC	1.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.21	Y	This is the RPD for the 2005 Conops	FAA	99
HF99RPD4.DOC	1.21	Y	human-centered design approach	FAA	99
mitre 98.12.2	1.21	E		mitre	98
mitre 98.10.1	1.21	E		mitre	98
mitre 98.12.1	1.21	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.1	1.21	P	Flight 2000: system architecture	mitre	98
mitre 98.15.1	1.21	Y		mitre	98
AFAST	1.21	E		NASA	
CPTP	1.21	P		NASA	
FF COM	1.21	P		NASA	
faa rpd146	1.21	E		faa	2000
faa rpd589	1.21	E		faa	2000
partners..doc	1.21	E		faa	2000
planrpd.doc	1.21	E		faa	2000
faa 9rpd20fd	1.21	Y	human centered approach for implementing new technologies	faa	2000
rpdtos	1.21	P		faa	2000
rpdndi	1.21	Y	transition plan to new NAS with human centered approach	faa	2000
rpdrun	1.21	E		faa	2000
rpdsof	1.21	E		faa	2000
rpdhf	1.21	Y	human-centered design approach	faa	2000
rpdtea	1.21	E		faa	2000
NIMS_RPD.doc	1.22	E	human capabilities / limits can be incorporated into infrastructure	FAA	99
RWYRDP.Doc	1.22	E		FAA	99
SAFESOFT.Doc	1.22	E		FAA	99
FAARPD146	1.22	E		FAA	99
FAARPD152	1.22	E		FAA	99
FAARPDTBD1	1.22	E		FAA	99
99OPSC~2.DOC	1.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.22	Y	This is the RPD for the 2005 Conops	FAA	99
HF99RPD4.DOC	1.22	Y	human capabilities and limitations accounted	FAA	99
TFMRPD~1.DOC	1.22	Y		FAA	99
mitre 98.8.1	1.22	P	Flight 2000: system architecture	mitre	98
mitre 98.15.1	1.22	Y		mitre	98
AFAST	1.22	E		NASA	
EDP	1.22	E		NASA	
FF COM	1.22	P		NASA	
faa rpd146	1.22	E		faa	2000
faa rpd152	1.22	E		faa	2000
faa rpd589	1.22	E		faa	2000
faa 9rpd20fd	1.22	Y	human capabilities and limitations a primary consideration	faa	2000
rpdtfm	1.22	P		faa	2000
rpdtos	1.22	P		faa	2000
rpdndi	1.22	Y	transition plan to new NAS with human centered approach	faa	2000
rpdrun	1.22	E		faa	2000
rpdsof	1.22	E		faa	2000
rpdhf	1.22	Y	human capabilities and limitations accounted	faa	2000
ADLRPD7D.DOC	1.23	E	data from NAS wide info system must be distributed via comm	FAA	99
SMARPD.doc	1.23	E		FAA	99
AWAFRPD.DOC	1.23	P	NAS-wide info system also distributes weather info	FAA	99
TFMRPD~1.DOC	1.23	P		FAA	99
99OPSC~2.DOC	1.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.23	Y	This is the RPD for the 2005 Conops	FAA	99
NIMS_RPD.doc	1.23	Y	NAS wide info needs appropriate infrastructure	FAA	99
mitre 98.10.1	1.23	P		mitre	98
mitre 98.8.1	1.23	P	Flight 2000: system architecture	mitre	98
mitre 98.2.3.1	1.23	Y	NAS-wide information system distributes information across NAS	mitre	98
AFAST	1.23	E		NASA	
EDP	1.23	E		NASA	
FF COM	1.23	P		NASA	
rpdadl	1.23	E	data from NAS wide info system must be distributed via comm	faa	2000
rpdtfm	1.23	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtos	1.23	P		faa	2000
rpdndi	1.23	Y	need NAS-wide information system	faa	2000
rpdavw	1.23	P	NAS-wide info system also distributes weather info	faa	2000
CAP	1.23	E	NAS-wide info system provides information for both user and service provider planning	NASA	
APATH	1.23	E	APATH needs data on airspace	NASA	
mitre 98.8.1	1.24	P	Flight 2000: system architecture	mitre	98
CAP	1.24	E	NAS-wide info system allows greater data exchange between user and service provider	NASA	
RWYRDP.Doc	1.24	E		FAA	99
SMARPD.doc	1.24	E		FAA	99
ADLRPD7D.DOC	1.24	P	data exchange	FAA	99
AWAFRPD.DOC	1.24	P	NAS-wide info system also distributes weather info	FAA	99
TFMRPD~1.DOC	1.24	P		FAA	99
NIMS_RPD.doc	1.24	Y	NAS wide info needs appropriate infrastructure	FAA	99
mitre 98.10.1	1.24	P		mitre	98
AFAST	1.24	E		NASA	
EDP	1.24	E		NASA	
FF COM	1.24	P		NASA	
rpdadl	1.24	P	data exchange	faa	2000
rpdtfm	1.24	P		faa	2000
rpdtos	1.24	P		faa	2000
rpdndi	1.24	Y	need NAS-wide information system	faa	2000
rpdrun	1.24	E		faa	2000
rpdavw	1.24	P	NAS-wide info system also distributes weather info	faa	2000
99OPSC~2.DOC	1.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.24	Y	This is the RPD for the 2005 Conops	FAA	99
R&DMAPS2.Doc	1.25	E	improved mapping possibly allows better geographic boundary conditions	FAA	99
TFMRPD~1.DOC	1.25	P		FAA	99
99OPSC~2.DOC	1.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.25	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.1	1.25	E		mitre	98
mitre 98.11.1	1.25	E		mitre	98
mitre 98.6.2	1.25	E	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.8.1	1.25	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	1.25	P	Program develops "detailed air-ground communication system architecture"	mitre	98
CPTP	1.25	P		NASA	
FF COM	1.25	P		NASA	
rpdtfm	1.25	P		faa	2000
rpdndi	1.25	Y	geography no longer constrains airspace	faa	2000
SMARPD.doc	1.26	E		FAA	99
TFMRPD~1.DOC	1.26	P		FAA	99
99OPSC~2.DOC	1.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.26	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.26	P	Flight 2000: system architecture	mitre	98
mitre 98.2.3.2	1.26	Y	tools for frequent evaluation of airspace structure and traffic flows	mitre	98
mitre 98.2.2	1.26	Y	tools and procedures set up for frequent evaluation of current and anticipated flows	mitre	98
mitre 98.2.1.1	1.26	Y	tools and procedures set up for frequent evaluation of current and anticipated flows	mitre	98
AFAST	1.26	E		NASA	
EDP	1.26	E		NASA	
TMA	1.26	P		NASA	
P-FAST	1.26	P		NASA	
SMA	1.26	P		NASA	
CPTP	1.26	P		NASA	
NSAT	1.26	P		NASA	
rpdtfm	1.26	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	1.26	Y	frequent evaluation of airspace	faa	2000
RWYRDP.Doc	1.27	E		FAA	99
SMARPD.doc	1.27	E		FAA	99
NIMS_RPD.doc	1.27	P	infrastructure redesign to allow dynamic environment	FAA	99
TFMRPD~1.DOC	1.27	P		FAA	99
99OPSC~2.DOC	1.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.27	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.27	P	Flight 2000: system architecture	mitre	98
TMA	1.27	P		NASA	
P-FAST	1.27	P		NASA	
faa 3rpd20ma	1.27	E	maintenance management may help air traffic facilities support dynamic traffic factors	faa	2000
rpdtfm	1.27	P		faa	2000
rpdndi	1.27	Y	air traffic facilities may be modified	faa	2000
rpdrun	1.27	E		faa	2000
RWYRDP.Doc	1.28	E		FAA	99
FAARPD152	1.28	E		FAA	99
NIMS_RPD.doc	1.28	P	infrastructure redesign to allow dynamic environment	FAA	99
SMARPD.doc	1.28	P		FAA	99
TFMRPD~1.DOC	1.28	P		FAA	99
99OPSC~2.DOC	1.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.28	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	1.28	Y	seamless comm	FAA	99
mitre 98.11.1	1.28	E		mitre	98
mitre 98.7.1	1.28	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	1.28	P	Flight 2000: system architecture	mitre	98
mitre 98.2.3.3	1.28	P	automation for seamless inter and intra facility coordination	mitre	98
mitre 98.2.3.1	1.28	Y	automation systems with seamless inter and intra facililty communication	mitre	98
AFAST	1.28	E		NASA	
EDP	1.28	E		NASA	
TMA	1.28	P		NASA	
P-FAST	1.28	P		NASA	
CPTP	1.28	P		NASA	
FF COM	1.28	P		NASA	
faa rpd152	1.28	E		faa	2000
rpdadl	1.28	Y	seamless comm	faa	2000
rpdtfm	1.28	P		faa	2000
rpdndi	1.28	Y	automation allows seamless facilities communication and coo	faa	2000
rpdrun	1.28	E		faa	2000
rpdtea	1.28	E		faa	2000
SAFESOFT.Doc	1.29	E		FAA	99
SMARPD.doc	1.29	E		FAA	99
TFMRPD~1.DOC	1.29	E		FAA	99
99OPSC~2.DOC	1.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.29	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	1.29	Y	seamless comm	FAA	99
mitre 98.10.1	1.29	E		mitre	98
mitre 98.11.1	1.29	P		mitre	98
mitre 98.8.1	1.29	P	Flight 2000: system architecture	mitre	98
FF COM	1.29	P		NASA	
rpdadl	1.29	Y	seamless comm	faa	2000
rpdvos	1.29	P		faa	2000
rpdndi	1.29	Y	seamless communications and coordination	faa	2000
rpdsof	1.29	E		faa	2000
RWYRDP.Doc	1.30*	E		FAA	99
NIMS_RPD.doc	1.30*	P	increased collaboration accounted for in infrastructure	FAA	99
99OPSC~2.DOC	1.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.30*	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
ADLRPD7D.DOC	1.30*	Y	seamless comm allows increased collaboration	FAA	99
TFMRPD~1.DOC	1.30*	Y		FAA	99
mitre 98.11.1	1.30*	P		mitre	98
mitre 98.8.1	1.30*	P	Flight 2000: system architecture	mitre	98
AFAST	1.30*	E		NASA	
EDP	1.30*	E		NASA	
CAP	1.30*	P	system allows increased user / service provider collaboration	NASA	
FF COM	1.30*	P		NASA	
EDA	1.30*	Y	increases collaboration between users and providers for problem resolution	NASA	
rpdadl	1.30*	Y	seamless comm allows increased collaboration	faa	2000
rpdndi	1.30*	Y	increased user / provider coordination	faa	2000
rpdrun	1.30*	E		faa	2000
RWYRDP.Doc	1.31	E		FAA	99
SMARPD.doc	1.31	E		FAA	99
TFMRPD~1.DOC	1.31	E		FAA	99
PLANSRPD.DOC	1.31	E		FAA	99
FAARPD132	1.31	E		FAA	99
FAARPD136	1.31	E		FAA	99
FAARPD138	1.31	E		FAA	99
FAARPD143	1.31	E		FAA	99
FAARPD144	1.31	E		FAA	99
FAARPD146	1.31	E		FAA	99
FAARPD148	1.31	E		FAA	99
FAARPDTBD1	1.31	E		FAA	99
99OPSC~2.DOC	1.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.31	Y	This is the RPD for the 2005 Conops	FAA	99
NIMS_RPD.doc	1.31	Y	fault tolerance must be incorporated into infrastructure	FAA	99
SAFESOFT.Doc	1.31	Y		FAA	99
mitre 98.12.1	1.31	E		mitre	98
mitre 98.10.1	1.31	E		mitre	98
mitre 98.11.1	1.31	P		mitre	98
mitre 98.8.1	1.31	P	Flight 2000: system architecture	mitre	98
faa 00rpd554	1.31	E	NAS is designed with safety and risk analysis to identify trouble areas	faa	2000
faa rpd132	1.31	E		faa	2000
faa rpd136	1.31	E		faa	2000
faa rpd138	1.31	E		faa	2000
faa rpd143	1.31	E		faa	2000
faa rpd144	1.31	E		faa	2000
faa rpd146	1.31	E		faa	2000
faa rpd148	1.31	E		faa	2000
faa rpd589	1.31	E		faa	2000
planrpd.doc	1.31	E		faa	2000
faa 00rpd460	1.31	Y	NAS through safety and risk analysis to identify problem areas	faa	2000
rpdndi	1.31	Y	NAS will be a fault tolerant system	faa	2000
rpdrun	1.31	E		faa	2000
rpdsof	1.31	Y		faa	2000
rpdtea	1.31	E		faa	2000
TFMRPD~1.DOC	1.32	P		FAA	99
99OPSC~2.DOC	1.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.32	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	1.32	E		mitre	98
mitre 98.8.1	1.32	P	Flight 2000: system architecture	mitre	98
AFAST	1.32	E		NASA	
EDP	1.32	E		NASA	
SMA	1.32	P		NASA	
CPTP	1.32	P		NASA	
NSAT	1.32	P		NASA	

Program Name	Requirement	Rating	Notes		
rpdtfm	1.32	P		faa	2000
rpdtos	1.32	P		faa	2000
rpdenr	1.32	P	program en route research will create automation aids	faa	2000
rpdndi	1.32	Y	automation allows elimination of flight strips	faa	2000
rpdtea	1.32	Y		faa	2000
EDA	1.32	P	automation aids allow elimination of flight strips	NASA	
EDA	1.33	Y	decision support provide heuristics to support providers	NASA	
TFMRPD~1.DOC	1.33	E		FAA	99
RWYRDP.Doc	1.33	P		FAA	99
SAFESOFT.Doc	1.33	P		FAA	99
99OPSC~2.DOC	1.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.33	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	1.33	E		mitre	98
mitre 98.7.1	1.33	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	1.33	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.33	P	Flight 2000: system architecture	mitre	98
TMA	1.33	P		NASA	
P-FAST	1.33	P		NASA	
SMA	1.33	P		NASA	
CPTP	1.33	P		NASA	
AFAST	1.33	P		NASA	
NSAT	1.33	P		NASA	
FF COM	1.33	P		NASA	
rpdenr	1.33	Y	decision support systems support providers in their tasks	faa	2000
rpdrun	1.33	P		faa	2000
rpdsof	1.33	P		faa	2000
RWYRDP.Doc	1.33.1	E		FAA	99
SMARPD.doc	1.33.1	E		FAA	99
SAFESOFT.Doc	1.33.1	P		FAA	99
TFMRPD~1.DOC	1.33.1	Y		FAA	99
rpdrun	1.33.1	E		faa	2000
rpdsof	1.33.1	P		faa	2000
EDP	1.33a	P		NASA	
rpdtos	1.33a	P		faa	2000
rpdndi	1.33a	Y	aircraft monitoring will be electronic	faa	2000
EDP	1.33b	P		NASA	
rpdtfm	1.33b	P		faa	2000
rpdtos	1.33b	P		faa	2000
rpdndi	1.33b	Y	more decision support	faa	2000
EDA	1.34	Y	decision support tools reduce routine tasks	NASA	
R&DMAPS2.Doc	1.34	E	improved mapping possibly allows increased traffic density	FAA	99
RWYRDP.Doc	1.34	E		FAA	99
SMARPD.doc	1.34	E		FAA	99
FAARPD146	1.34	E		FAA	99
FAARPDTBD1	1.34	E		FAA	99
TFMRPD~1.DOC	1.34	P		FAA	99
99OPSC~2.DOC	1.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.34	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.34	P	Flight 2000: system architecture	mitre	98
EDP	1.34	E		NASA	
TMA	1.34	P		NASA	
P-FAST	1.34	P		NASA	
CPTP	1.34	P		NASA	
AFAST	1.34	Y		NASA	
faa rpd146	1.34	E		faa	2000
faa rpd589	1.34	E		faa	2000
rpdtfm	1.34	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtos	1.34	P		faa	2000
rpdenr	1.34	Y	tools to reduce burden of routine tasks	faa	2000
rpdndi	1.34	Y	more decision support	faa	2000
rpdrun	1.34	E		faa	2000
rpdss	1.34	E		faa	2000
RWYRDP.Doc	1.35	E		FAA	99
SAFESOFT.Doc	1.35	E		FAA	99
SMARPD.doc	1.35	E		FAA	99
PLANSRPD.DOC	1.35	E		FAA	99
FAARPD146	1.35	E		FAA	99
FAARPD152	1.35	E		FAA	99
FAARPDTBD1	1.35	E		FAA	99
TFMRPD~1.DOC	1.35	P		FAA	99
99OPSC~2.DOC	1.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.35	Y	This is the RPD for the 2005 Conops	FAA	99
NIMS_RPD.doc	1.35	Y	infrastructure must allow easy implementation of new technologies	FAA	99
mitre 98.8.1	1.35	P	Flight 2000: system architecture	mitre	98
AFAST	1.35	E		NASA	
faa rpd146	1.35	E		faa	2000
faa rpd152	1.35	E		faa	2000
faa rpd589	1.35	E		faa	2000
planrpd.doc	1.35	E		faa	2000
rpdndi	1.35	Y	procedural changes meet technology as it arrives	faa	2000
rpdrun	1.35	E		faa	2000
rpdsof	1.35	E		faa	2000
rpdtea	1.35	Y		faa	2000
TFMRPD~1.DOC	1.36	P		FAA	99
99OPSC~2.DOC	1.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.36	Y	This is the RPD for the 2005 Conops	FAA	99
NIMS_RPD.doc	1.36	Y	infrastructure data collection	FAA	99
mitre 98.8.1	1.36	P	Flight 2000: system architecture	mitre	98
mitre 98.10.1	1.36	Y		mitre	98
EDP	1.36	E		NASA	
rpdtfm	1.36	P		faa	2000
rpdndi	1.36	Y	improved collecting and processing NAS infrastructure data	faa	2000
rpdtea	1.36	E		faa	2000
ADLRPD7D.DOC	1.37	E	collaboration requires comm	FAA	99
99OPSC~2.DOC	1.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.37	Y	This is the RPD for the 2005 Conops	FAA	99
NIMS_RPD.doc	1.37	Y	infrastructure data must be available	FAA	99
TFMRPD~1.DOC	1.37	Y		FAA	99
mitre 98.10.1	1.37	E		mitre	98
mitre 98.7.1	1.37	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	1.37	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	1.37	P		mitre	98
mitre 98.2.3.3	1.37	P	users and providers collaborate, using decision support that provides status of NAS infrastructure	mitre	98
AFAST	1.37	E		NASA	
EDP	1.37	E		NASA	
CPTP	1.37	P		NASA	
rpdadl	1.37	E	collaboration requires comm	faa	2000
rpdtfm	1.37	P		faa	2000
rpdndi	1.37	Y	user /provider collaboration in prioritization and scheduling	faa	2000
rpdtea	1.37	E		faa	2000
CAP	1.37	E	users and service providers collaborate prioritization and scheduling for NAS infrastructure	NASA	
APATH	1.37	E	APATH gives cockpit information to help prioritization and scheduling collaboration with service providers	NASA	
SMARPD.doc	1.38	E		FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	1.38	E		FAA	99
99OPSC~2.DOC	1.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.38	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	1.38	Y	increasingly accurate weather data	FAA	99
mitre 98.8.1	1.38	P	Flight 2000: system architecture	mitre	98
FF COM	1.38	P		NASA	
rpdndi	1.38	Y	better weather data	faa	2000
rpdavw	1.38	Y	increasingly accurate weather data	faa	2000
EDA	1.39	E	weather tools integrated into decision support tools	NASA	
TFMRPD~1.DOC	1.39	E		FAA	99
99OPSC~2.DOC	1.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.39	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	1.39	Y	weather tools into decision support	FAA	99
mitre 98.7.1	1.39	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	1.39	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	1.39	P		mitre	98
mitre 98.2.3.2	1.39	Y	weather tools are integrated into decision support	mitre	98
rpdtfm	1.39	P		faa	2000
rpdndi	1.39	Y	better weather tools	faa	2000
rpdavw	1.39	Y	weather tools into decision support	faa	2000
rpdtea	1.39	E		faa	2000
FAARPD132	1.40*	E		FAA	99
FAARPD136	1.40*	E		FAA	99
FAARPD138	1.40*	E		FAA	99
FAARPD143	1.40*	E		FAA	99
FAARPD144	1.40*	E		FAA	99
TFMRPD~1.DOC	1.40*	P		FAA	99
99OPSC~2.DOC	1.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.40*	Y	This is the RPD for the 2005 Conops	FAA	99
MMRPD99.DOC	1.40*	Y	identify user requirements includes capacity	FAA	99
NIMS_RPD.doc	1.40*	Y	tools to measure NAS performance	FAA	99
mitre 98.12.1	1.40*	E		mitre	98
mitre 98.10.1	1.40*	E		mitre	98
mitre 98.14.1	1.40*	P		mitre	98
mitre 98.8.1	1.40*	P	Flight 2000: system architecture	mitre	98
faa rpd132	1.40*	E		faa	2000
faa rpd136	1.40*	E		faa	2000
faa rpd138	1.40*	E		faa	2000
faa rpd143	1.40*	E		faa	2000
faa rpd144	1.40*	E		faa	2000
rpdasc	1.40*	Y	identify user requirements includes capacity	faa	2000
rpdtfm	1.40*	P		faa	2000
rpdndi	1.40*	Y	NAS performance measurement tools	faa	2000
RWYRDP.Doc	1.41	E		FAA	99
SMARPD.doc	1.41	E		FAA	99
TFMRPD~1.DOC	1.41	E		FAA	99
PARTNRPD.DOC	1.41	E		FAA	99
PLANSRPD.DOC	1.41	E		FAA	99
FAARPD132	1.41	E		FAA	99
FAARPD136	1.41	E		FAA	99
FAARPD138	1.41	E		FAA	99
FAARPD143	1.41	E		FAA	99
FAARPD144	1.41	E		FAA	99
FAARPD148	1.41	E		FAA	99
99OPSC~2.DOC	1.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.41	Y	This is the RPD for the 2005 Conops	FAA	99
NIMS_RPD.doc	1.41	Y	operational supervisors are key to service providing	FAA	99
mitre 98.11.1	1.41	E		mitre	98
mitre 98.10.1	1.41	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.1	1.41	P	Flight 2000: system architecture	mitre	98
mitre 98.12.2	1.41	Y		mitre	98
faa rpd132	1.41	E		faa	2000
faa rpd136	1.41	E		faa	2000
faa rpd138	1.41	E		faa	2000
faa rpd143	1.41	E		faa	2000
faa rpd144	1.41	E		faa	2000
faa rpd148	1.41	E		faa	2000
partners..doc	1.41	E		faa	2000
planrpd.doc	1.41	E		faa	2000
rpdndi	1.41	Y	operation supervisors key players in providing service	faa	2000
rpdrun	1.41	E		faa	2000
rpdtec	1.41	E		faa	2000
MMRPD99.DOC	1.42	E	managers have decision support to manage operations	FAA	99
99OPSC~2.DOC	1.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.42	Y	This is the RPD for the 2005 Conops	FAA	99
NIMS_RPD.doc	1.42	Y	managers need to have decision support	FAA	99
mitre 98.12.1	1.42	E		mitre	98
mitre 98.10.1	1.42	E		mitre	98
mitre 98.14.1	1.42	P		mitre	98
mitre 98.8.1	1.42	P	Flight 2000: system architecture	mitre	98
rpdasc	1.42	E	managers have decision support to manage operations	faa	2000
rpdndi	1.42	Y	decision support for budgets, staff, costs	faa	2000
rpdtec	1.42	E		faa	2000
99OPSC~2.DOC	1.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.43	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.43	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	1.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.44	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	1.44	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	2.1	P	Datalink may be integral to this process.	FAA	99
TFMRPD~1.DOC	2.1	P	Program addresses the enhancement of ATCSCC capabilities	FAA	99
99OPSC~2.DOC	2.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.1	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.2.3.2	2.1	E	flight planning is collaborative interaction with user	mitre	98
mitre 98.8.1	2.1	P	Flight 2000: system architecture	mitre	98
mitre 98.1.3	2.1	Y	user-preferred trajectories	mitre	98
rpdadl	2.1	P	Datalink may be integral to this process.	faa	2000
rpdtfm	2.1	Y		faa	2000
rpdndi	2.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
APATH	2.1	Y	flight planning collaborative with user	NASA	
APATH	2.4	E	interactive aids to obtain NAS information for flight planning	NASA	
APATH	2.7	E	access to information via NAS-wide information system	NASA	
ADSBRPD.DOC	2.2	E		FAA	99
AWAFRPD.DOC	2.2	E		FAA	99
ADLRPD7D.DOC	2.2	P		FAA	99
TFMRPD~1.DOC	2.2	P		FAA	99
99OPSC~2.DOC	2.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.2	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	2.2	E		mitre	98
mitre 98.9.2	2.2	E		mitre	98
mitre 98.9.1	2.2	E		mitre	98
mitre 98.8.4	2.2	E		mitre	98
mitre 98.2.3.1	2.2	E	elements of the NAS-wide info system used to distribute flight-specific data	mitre	98
mitre 98.10.1	2.2	P		mitre	98
mitre 98.8.1	2.2	P	Flight 2000: system architecture	mitre	98
FF COM	2.2	P		NASA	
rpdadl	2.2	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtfm	2.2	Y		faa	2000
rpdndi	2.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	2.2	E		faa	2000
rpdavw	2.2	E		faa	2000
ADLRPD7D.DOC	2.3	P		FAA	99
ADSBRPD.DOC	2.3	P		FAA	99
TFMRPD~1.DOC	2.3	P		FAA	99
99OPSC~2.DOC	2.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.3	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	2.3	P		mitre	98
mitre 98.9.2	2.3	P		mitre	98
mitre 98.9.1	2.3	P		mitre	98
mitre 98.8.4	2.3	P		mitre	98
mitre 98.8.1	2.3	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	2.3	P		mitre	98
mitre 98.1.1	2.3	P	real-time trajectory updates to allow fewer restrictions	mitre	98
rpdadl	2.3	P		faa	2000
rpdtfm	2.3	P		faa	2000
rpdndi	2.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	2.3	P		faa	2000
AWAFRPD.DOC	2.4	E		FAA	99
ADLRPD7D.DOC	2.4	P		FAA	99
TFMRPD~1.DOC	2.4	P		FAA	99
99OPSC~2.DOC	2.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.4	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	2.4	E		mitre	98
mitre 98.8.1	2.4	P	Flight 2000: system architecture	mitre	98
rpdadl	2.4	P		faa	2000
rpdndi	2.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	2.4	E		faa	2000
ADLRPD7D.DOC	2.5	P		FAA	99
ADSBRPD.DOC	2.5	P		FAA	99
TFMRPD~1.DOC	2.5	P		FAA	99
99OPSC~2.DOC	2.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.5	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.1	2.5	E		mitre	98
mitre 98.9.3	2.5	P		mitre	98
mitre 98.9.2	2.5	P		mitre	98
mitre 98.9.1	2.5	P		mitre	98
mitre 98.8.4	2.5	P		mitre	98
mitre 98.8.1	2.5	P	Flight 2000: system architecture	mitre	98
rpdadl	2.5	P		faa	2000
rpdtfm	2.5	P		faa	2000
rpdndi	2.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	2.5	P		faa	2000
99OPSC~2.DOC	2.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.6	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.6	P	Flight 2000: system architecture	mitre	98
ADSBRPD.DOC	2.7	E		FAA	99
AWAFRPD.DOC	2.7	E		FAA	99
TFMRPD~1.DOC	2.7	P		FAA	99
99OPSC~2.DOC	2.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.7	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	2.7	Y		FAA	99
mitre 98.9.3	2.7	E		mitre	98
mitre 98.9.2	2.7	E		mitre	98
mitre 98.9.1	2.7	E		mitre	98
mitre 98.8.4	2.7	E		mitre	98
mitre 98.10.1	2.7	P		mitre	98
mitre 98.8.1	2.7	P	Flight 2000: system architecture	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.1.1	2.7	P	availability of flight data from other aircraft	mitre	98
FF COM	2.7	P		NASA	
rpdadl	2.7	Y		faa	2000
rpdtfm	2.7	P		faa	2000
rpdndi	2.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	2.7	E		faa	2000
rpdavw	2.7	E		faa	2000
TFMRPD~1.DOC	2.8	P		FAA	99
99OPSC~2.DOC	2.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.8	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.8	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	2.8	P	flight plan replaced by flight profile	mitre	98
mitre 98.3.4	2.8	P	flight plan replaced by flight profile	mitre	98
mitre 98.1.3	2.8	Y	flight profiles replace flight plans	mitre	98
rpdtfm	2.8	P		faa	2000
rpdndi	2.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
AWAFRPD.DOC	2.9	E		FAA	99
ADLRPD7D.DOC	2.9	P		FAA	99
TFMRPD~1.DOC	2.9	P		FAA	99
99OPSC~2.DOC	2.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.9	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.9	P	Flight 2000: system architecture	mitre	98
mitre 98.1.3	2.9	Y	flight object is all the data necessary to track a flight	mitre	98
rpdadl	2.9	P		faa	2000
rpdtfm	2.9	P		faa	2000
rpdndi	2.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	2.9	E		faa	2000
mitre 98.1.3	2.10	P	flight object can be updated during flight	mitre	98
AWAFRPD.DOC	2.10*	E		FAA	99
ADLRPD7D.DOC	2.10*	P		FAA	99
ADSBRPD.DOC	2.10*	P		FAA	99
TFMRPD~1.DOC	2.10*	P		FAA	99
99OPSC~2.DOC	2.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.10*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	2.10*	P		mitre	98
mitre 98.9.2	2.10*	P		mitre	98
mitre 98.9.1	2.10*	P		mitre	98
mitre 98.8.4	2.10*	P		mitre	98
mitre 98.8.1	2.10*	P	Flight 2000: system architecture	mitre	98
FF COM	2.10*	P		NASA	
APATH	2.10*	Y	APATH allows planning for real-time updates	NASA	
rpdadl	2.10*	P		faa	2000
rpdtfm	2.10*	P		faa	2000
rpdndi	2.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	2.10*	P		faa	2000
rpdavw	2.10*	E		faa	2000
APATH	2.11	Y	flight planner interacts with NAS-wide information system to create flight profile	NASA	
ADLRPD7D.DOC	2.11	P	Information will most likely be exchanged through datalink	FAA	99
TFMRPD~1.DOC	2.11	P		FAA	99
99OPSC~2.DOC	2.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.11	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	2.11	E		mitre	98
mitre 98.8.1	2.11	P	Flight 2000: system architecture	mitre	98
mitre 98.1.3	2.11	Y	flight planner creates flight profile	mitre	98
FF COM	2.11	P		NASA	
rpdadl	2.11	P	Information will most likely be exchanged through datalink	faa	2000
rpdtfm	2.11	P		faa	2000
rpdndi	2.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	2.12	P		FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	2.12	P		FAA	99
99OPSC~2.DOC	2.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.12	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.12	P	Flight 2000: system architecture	mitre	98
mitre 98.1.3	2.12	P	flight planner continually looks up new info to see impact	mitre	98
FF COM	2.12	P		NASA	
rpdadl	2.12	P		faa	2000
rpdtfm	2.12	P		faa	2000
rpdndi	2.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
APATH	2.12	Y	flight planner interacts, in real-time, with NAS-wide information system to create flight profile	NASA	
ADLRPD7D.DOC	2.13	P		FAA	99
TFMRPD~1.DOC	2.13	P		FAA	99
99OPSC~2.DOC	2.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.13	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	2.13	E		mitre	98
mitre 98.8.1	2.13	P	Flight 2000: system architecture	mitre	98
mitre 98.1.1	2.13	P	availability of flight data from other aircraft	mitre	98
FF COM	2.13	P		NASA	
rpdadl	2.13	P		faa	2000
rpdtfm	2.13	P		faa	2000
rpdndi	2.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	2.14	P		FAA	99
TFMRPD~1.DOC	2.14	P		FAA	99
99OPSC~2.DOC	2.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.14	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.14	P	Flight 2000: system architecture	mitre	98
FF COM	2.14	P		NASA	
rpdadl	2.14	P		faa	2000
rpdtfm	2.14	P		faa	2000
rpdndi	2.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
APATH	2.14	Y	information can be added during planning or actual flight	NASA	
APATH	2.15	Y	available to flight planner are weather, traffic density, and SUA's	NASA	
ADLRPD7D.DOC	2.15	P		FAA	99
TFMRPD~1.DOC	2.15	P		FAA	99
99OPSC~2.DOC	2.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.15	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	2.15	Y		FAA	99
mitre 98.8.1	2.15	P	Flight 2000: system architecture	mitre	98
FF COM	2.15	P		NASA	
rpdadl	2.15	P		faa	2000
rpdtfm	2.15	P		faa	2000
rpdndi	2.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	2.15	Y		faa	2000
ADLRPD7D.DOC	2.16	P		FAA	99
AWAFRPD.DOC	2.16	P		FAA	99
R&DMAPS2.Doc	2.16	P	improved terrain mapping may have an impact on this requirement	FAA	99
TFMRPD~1.DOC	2.16	P		FAA	99
99OPSC~2.DOC	2.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.16	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.16	P	Flight 2000: system architecture	mitre	98
FF COM	2.16	P		NASA	
rpdadl	2.16	P		faa	2000
rpdtfm	2.16	P		faa	2000
rpdndi	2.16	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	2.16	P		faa	2000
APATH	2.16	E	flight profile automatically checked against restrictions	NASA	
APATH	2.17	Y	potential problems revealed by flight planner are displayed	NASA	

Program Name	Requirement	Rating	Notes		
AWAFRPD.DOC	2.17	E		FAA	99
ADLRPD7D.DOC	2.17	P		FAA	99
TFMRPD~1.DOC	2.17	P		FAA	99
99OPSC~2.DOC	2.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.17	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.17	P	Flight 2000: system architecture	mitre	98
mitre 98.1.3	2.17	P	potential problems are automatically found and displayed	mitre	98
FF COM	2.17	P		NASA	
rpdadl	2.17	P		faa	2000
rpdtfm	2.17	P		faa	2000
rpdndi	2.17	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	2.17	E		faa	2000
99OPSC~2.DOC	2.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.18	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.18	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	2.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.19	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	2.19	P	Flight 2000: system architecture	mitre	98
mitre 98.1.3	2.20	E	improved emergency locators	mitre	98
ADLRPD7D.DOC	2.20*	E		FAA	99
ADSBRPD.DOC	2.20*	E		FAA	99
TFMRPD~1.DOC	2.20*	P		FAA	99
99OPSC~2.DOC	2.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.20*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	2.20*	E		mitre	98
mitre 98.9.2	2.20*	E		mitre	98
mitre 98.9.1	2.20*	E		mitre	98
mitre 98.8.4	2.20*	E		mitre	98
mitre 98.5.5	2.20*	E	emergency locator transmitters will rely on sat position data	mitre	98
mitre 98.8.1	2.20*	P	Flight 2000: system architecture	mitre	98
FF COM	2.20*	P		NASA	
rpdadl	2.20*	E		faa	2000
rpdndi	2.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	2.20*	E		faa	2000
ADLRPD7D.DOC	2.21	E		FAA	99
ADSBRPD.DOC	2.21	E		FAA	99
TFMRPD~1.DOC	2.21	P		FAA	99
99OPSC~2.DOC	2.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.21	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	2.21	E		mitre	98
mitre 98.9.3	2.21	E		mitre	98
mitre 98.9.2	2.21	E		mitre	98
mitre 98.9.1	2.21	E		mitre	98
mitre 98.8.4	2.21	E		mitre	98
mitre 98.8.1	2.21	P	Flight 2000: system architecture	mitre	98
FF COM	2.21	P		NASA	
rpdadl	2.21	E		faa	2000
rpdndi	2.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	2.21	E		faa	2000
ADSBRPD.DOC	2.22	E		FAA	99
ADLRPD7D.DOC	2.22	P		FAA	99
TFMRPD~1.DOC	2.22	P		FAA	99
99OPSC~2.DOC	2.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.22	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	2.22	E		mitre	98
mitre 98.9.3	2.22	E		mitre	98
mitre 98.9.2	2.22	E		mitre	98
mitre 98.9.1	2.22	E		mitre	98
mitre 98.8.4	2.22	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.1.3	2.22	E	flight information is always available for emergencies	mitre	98
mitre 98.8.1	2.22	P	Flight 2000: system architecture	mitre	98
FF COM	2.22	P		NASA	
rpdadl	2.22	P		faa	2000
rpdndi	2.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	2.22	E		faa	2000
99OPSC~2.DOC	3.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.1	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.1	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	3.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.2	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.2	P	Flight 2000: system architecture	mitre	98
MMRPD99.DOC	3.3	E		FAA	99
RWYRDP.Doc	3.3	E	many of the systems could help reduce runway incursions	FAA	99
AWAFRPD.DOC	3.3	P		FAA	99
TFMRPD~1.DOC	3.3	P		FAA	99
FAARPD132	3.3	P	Program deals with airport construction/design based on new sized aircraft. This will have an impact on the surface movement "systems" that this requirement addresses.	FAA	99
FAARPD136	3.3	P	"system" constraints could be defined as rnwy or txwy outages due to construc.	FAA	99
FAARPD144	3.3	P	Shared plnning between A/C manufaturers and Airport Designers	FAA	99
FAARPD152	3.3	P	Surface movement system for low-vis may be developed.	FAA	99
99OPSC~2.DOC	3.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.3	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.3	Y		FAA	99
ADSBRPD.DOC	3.3	Y	ADSB can be used for ground applications as well as for flighty ops	FAA	99
SMARPD.doc	3.3	Y	system constraint elimination to reduce ground delays	FAA	99
FAARPD146	3.3	Y	Program addresses runway lighting, signing, and marking. The use of automation is emphasized.	FAA	99
FAARPDTBD1	3.3	Y		FAA	99
mitre 98.14.1	3.3	E		mitre	98
mitre 98.12.5	3.3	E		mitre	98
mitre 98.8.1	3.3	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.3	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	3.3	Y		mitre	98
mitre 98.9.2	3.3	Y		mitre	98
mitre 98.9.1	3.3	Y		mitre	98
mitre 98.8.4	3.3	Y		mitre	98
mitre 98.1.4	3.3	Y	elimination of surface system constraints helps airport efficiency	mitre	98
AFAST	3.3	E		NASA	
SMA	3.3	P		NASA	
EDP	3.3	P		NASA	
NSAT	3.3	P		NASA	
FF COM	3.3	P		NASA	
faa 00rpd557	3.3	P	system constraints for ground delay	faa	2000
faa rpd132	3.3	P	Program deals with airport construction/design based on new sized aircraft. This will have an impact on the surface movement "systems" that this requirement addresses.	faa	2000
faa rpd136	3.3	P	"system" constraints could be defined as rnwy or txwy outages due to construc.	faa	2000
faa rpd144	3.3	P	Shared plnning between A/C manufaturers and Airport Designers	faa	2000
faa rpd152	3.3	P	Surface movement system for low-vis may be developed.	faa	2000
faa rpd146	3.3	Y	Program addresses runway lighting, signing, and marking. The use of automation is emphasized.	faa	2000
faa rpd589	3.3	Y		faa	2000
rpdadl	3.3	Y		faa	2000

Program Name	Requirement	Rating	Notes		
rpdasc	3.3	E		faa	2000
rpdtos	3.3	P		faa	2000
rpdndi	3.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.3	E	many of the systems could help reduce runway incursions	faa	2000
rpdads	3.3	Y	ADSB can be used for ground applications as well as for flighty ops	faa	2000
rpdavw	3.3	P		faa	2000
rpdtea	3.3	E		faa	2000
CAP	3.3	Y	increased collaboration between users and service providers gives better picture of airspace and minimizes ground delay of arrivals and departures	NASA	
99OPSC~2.DOC	3.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.4	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.4	P	Flight 2000: system architecture	mitre	98
AWAFRPD.DOC	3.5	E		FAA	99
MMRPD99.DOC	3.5	P		FAA	99
TFMRPD~1.DOC	3.5	P	Program addresses the enhancement of ATCSCC capabilities	FAA	99
FAARPD146	3.5	P	While this program focuses on lighting, automation of taxiway lighiting may involve datalink.	FAA	99
99OPSC~2.DOC	3.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.5	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.5	Y		FAA	99
ADSBRPD.DOC	3.5	Y	this system will increase airport safety	FAA	99
mitre 98.14.1	3.5	E		mitre	98
mitre 98.8.1	3.5	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.5	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.6.3	3.5	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.9.3	3.5	Y		mitre	98
mitre 98.9.2	3.5	Y		mitre	98
mitre 98.9.1	3.5	Y		mitre	98
mitre 98.8.4	3.5	Y		mitre	98
mitre 98.2.3.3	3.5	Y	coordination aided by decision support	mitre	98
mitre 98.2.3.1	3.5	Y	communications automated through datalink availability	mitre	98
mitre 98.1.4	3.5	Y	automated communications enhance airport safety and efficiency	mitre	98
SMA	3.5	P		NASA	
AFAST	3.5	P		NASA	
EDP	3.5	P		NASA	
NSAT	3.5	P		NASA	
FF COM	3.5	P		NASA	
faa 00rpd460	3.5	E	coordination and planning decision support enhances safety	faa	2000
faa rpd146	3.5	P	While this program focuses on lighting, automation of taxiway lighiting may involve datalink.	faa	2000
rpdadl	3.5	Y		faa	2000
rpdasc	3.5	P		faa	2000
rpdtos	3.5	P		faa	2000
rpdndi	3.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	3.5	Y	this system will increase airport safety	faa	2000
rpdavw	3.5	E		faa	2000
rpdtea	3.5	E		faa	2000
ADLRPD7D.DOC	3.6	E		FAA	99
ADSBRPD.DOC	3.6	P	adsb could be considered part of a SDE (surface detection equip)system	FAA	99
AWAFRPD.DOC	3.6	P		FAA	99
MMRPD99.DOC	3.6	P		FAA	99
TFMRPD~1.DOC	3.6	P		FAA	99
FAARPD146	3.6	P	Lighting may be linked to surface detection equipment	FAA	99
FAARPDTBD1	3.6	P		FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	3.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.6	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.14.1	3.6	E		mitre	98
mitre 98.12.5	3.6	E		mitre	98
mitre 98.9.3	3.6	P		mitre	98
mitre 98.9.2	3.6	P		mitre	98
mitre 98.9.1	3.6	P		mitre	98
mitre 98.8.4	3.6	P		mitre	98
mitre 98.8.1	3.6	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.6	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.4	3.6	Y	better weather equipment enhances airport safety and efficiency	mitre	98
EDP	3.6	E		NASA	
faa rpd146	3.6	P	Lighting may be linked to surface detection equipment	faa	2000
faa rpd589	3.6	P		faa	2000
rpdadl	3.6	E		faa	2000
rpdasc	3.6	P		faa	2000
rpdtos	3.6	P		faa	2000
rpdndi	3.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	3.6	P	adsb could be considered part of a SDE (surface detection equip)system	faa	2000
rpdavw	3.6	P		faa	2000
rpdtea	3.6	E		faa	2000
ADLRPD7D.DOC	3.7	E		FAA	99
HF99RPD4.DOC	3.7	P	Program addresses decision suppport tools	FAA	99
TFMRPD~1.DOC	3.7	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.7	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	FAA	99
FAARPD152	3.7	P	Equipment may be outfitted with surface -movement DSS	FAA	99
FAARPDTBD1	3.7	P		FAA	99
99OPSC~2.DOC	3.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.7	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	3.7	E		mitre	98
mitre 98.8.1	3.7	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.7	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.2.3.1	3.7	P	surface movement decision support systems provide real-time data to NAS-wide info system	mitre	98
EDP	3.7	E		NASA	
SMA	3.7	Y		NASA	
NSAT	3.7	Y		NASA	
faa rpd146	3.7	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	faa	2000
faa rpd152	3.7	P	Equipment may be outfitted with surface -movement DSS	faa	2000
faa rpd589	3.7	P		faa	2000
rpdadl	3.7	E		faa	2000
rpdtos	3.7	E		faa	2000
rpdndi	3.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	3.7	P	Program addresses decision suppport tools	faa	2000
TFMRPD~1.DOC	3.8	P		FAA	99
99OPSC~2.DOC	3.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.8	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.8	Y		FAA	99
mitre 98.10.1	3.8	E		mitre	98
mitre 98.8.1	3.8	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.8	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.1	3.8	P	availability of flight data from other aircraft	mitre	98
EDP	3.8	E		NASA	
SMA	3.8	P		NASA	

Program Name	Requirement	Rating	Notes		
NSAT	3.8	P		NASA	
rpdadl	3.8	Y		faa	2000
rpdtos	3.8	E		faa	2000
rpdndi	3.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
TFMRPD~1.DOC	3.9	P		FAA	99
99OPSC~2.DOC	3.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.9	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.9	Y		FAA	99
mitre 98.8.1	3.9	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.9	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
EDP	3.9	E		NASA	
rpdadl	3.9	Y		faa	2000
rpdtos	3.9	E		faa	2000
rpdndi	3.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
AWAFRPD.DOC	3.10*	E		FAA	99
MMRPD99.DOC	3.10*	E		FAA	99
ADSBRPD.DOC	3.10*	P	adsb could provide the information needed in non-radar environments for traffic flow mgt.	FAA	99
TFMRPD~1.DOC	3.10*	P		FAA	99
99OPSC~2.DOC	3.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.10*	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.10*	Y		FAA	99
mitre 98.9.3	3.10*	P		mitre	98
mitre 98.9.2	3.10*	P		mitre	98
mitre 98.9.1	3.10*	P		mitre	98
mitre 98.8.4	3.10*	P		mitre	98
mitre 98.8.1	3.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.10*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.1	3.10*	P	continuous updates of flight info into NAS system	mitre	98
APATH	3.10*	E	flight object updating improves real-time planning for user and service provider	NASA	
AFAST	3.10*	Y		NASA	
CAP	3.10*	Y	continuous updating of flight object allows improved collaborative decision making	NASA	
EDP	3.10*			NASA	
rpdadl	3.10*	Y		faa	2000
rpdasc	3.10*	E		faa	2000
rpdndi	3.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	3.10*	P	adsb could provide the information needed in non-radar environments for traffic flow mgt.	faa	2000
rpdavw	3.10*	E		faa	2000
ADLRPD7D.DOC	3.11	E		FAA	99
AWAFRPD.DOC	3.11	E	de-icing procedures are part of the program that would be incorporated into the surface dss	FAA	99
ADSBRPD.DOC	3.11	P	adsb could feed the surface DSS with location data	FAA	99
TFMRPD~1.DOC	3.11	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.11	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	FAA	99
FAARPDTBD1	3.11	P		FAA	99
99OPSC~2.DOC	3.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.11	Y	This is the RPD for the 2005 Conops	FAA	99
SMARPD.doc	3.11	Y	decision support systems will be a part of NAS-wide automation	FAA	99
mitre 98.10.1	3.11	E		mitre	98
mitre 98.1.4	3.11	E	surface movement decision support systems could be extended to safety	mitre	98
mitre 98.9.3	3.11	P		mitre	98
mitre 98.9.2	3.11	P		mitre	98
mitre 98.9.1	3.11	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.4	3.11	P		mitre	98
mitre 98.8.1	3.11	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.11	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
EDP	3.11	E		NASA	
SMA	3.11	Y		NASA	
NSAT	3.11	Y		NASA	
faa rpd146	3.11	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	faa	2000
faa rpd589	3.11	P		faa	2000
rpdadl	3.11	E		faa	2000
rpdtos	3.11	E		faa	2000
rpdndi	3.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	3.11	P	adsb could feed the surface DSS with location data	faa	2000
rpdavw	3.11	E	de-icing procedures are part of the program that would be incorporated into the surface dss	faa	2000
rpdtea	3.11	E		faa	2000
ADLRPD7D.DOC	3.12	P		FAA	99
ADSBRPD.DOC	3.12	P	adsb provides neccesary data for automation systems	FAA	99
TFMRPD~1.DOC	3.12	P		FAA	99
FAARPD146	3.12	P	Sequencing of ground aircraft will be dependant on runway signage, lighting and markings.	FAA	99
99OPSC~2.DOC	3.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.12	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.11.1	3.12	E		mitre	98
mitre 98.9.3	3.12	P		mitre	98
mitre 98.9.2	3.12	P		mitre	98
mitre 98.9.1	3.12	P		mitre	98
mitre 98.8.4	3.12	P		mitre	98
mitre 98.8.1	3.12	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.12	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.2.2	3.12	P	departure taxi info set up to anticipate traffic flow conditions	mitre	98
mitre 98.2.1.1	3.12	P	departure taxi info set up to anticipate traffic flow conditions	mitre	98
mitre 98.1.4	3.12	Y	departure taxi time updates and estimates help match ground and airborne traffic	mitre	98
SMA	3.12	P		NASA	
NSAT	3.12	P		NASA	
EDP	3.12	Y		NASA	
faa rpd146	3.12	P	Sequencing of ground aircraft will be dependant on runway signage, lighting and markings.	faa	2000
rpdadl	3.12	P		faa	2000
rpdtos	3.12	E		faa	2000
rpdndi	3.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	3.12	P	adsb provides neccesary data for automation systems	faa	2000
99OPSC~2.DOC	3.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.13	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.13	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	3.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.14	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.14	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	3.15	P		FAA	99
TFMRPD~1.DOC	3.15	P		FAA	99
FAARPD132	3.15	P	Program deals with airport construction/design based on new sized aircraft. This may impact information needed for NOTAMS.	FAA	99
FAARPD148	3.15	P	Procedures data from RPD may be shared between users and providers.	FAA	99
99OPSC~2.DOC	3.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.15	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	3.15	Y	adsb provides aeronautical data	FAA	99
AWAFRPD.DOC	3.15	Y		FAA	99
mitre 98.10.1	3.15	E		mitre	98
mitre 98.8.1	3.15	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.15	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	3.15	Y		mitre	98
mitre 98.9.2	3.15	Y		mitre	98
mitre 98.9.1	3.15	Y		mitre	98
mitre 98.8.4	3.15	Y		mitre	98
faa rpd132	3.15	P	Program deals with airport construction/design based on new sized aircraft. This may impact information needed for NOTAMS.	faa	2000
faa rpd148	3.15	P	Procedures data from RPD may be shared between users and providers.	faa	2000
rpdadl	3.15	P		faa	2000
rpdndi	3.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	3.15	Y	adsb provides aeronautical data	faa	2000
rpdavw	3.15	Y		faa	2000
APATH	3.15	E	real-time data disseminated to users	NASA	
CAP	3.15	Y	aeronautical information from providers is disseminated to users to aid in flight operations planning and conduct	NASA	
99OPSC~2.DOC	3.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.16	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.16	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	3.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.17	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.17	P	Flight 2000: system architecture	mitre	98
TFMRPD~1.DOC	3.18	P		FAA	99
99OPSC~2.DOC	3.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.18	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.18	Y		FAA	99
AWAFRPD.DOC	3.18	Y		FAA	99
mitre 98.8.1	3.18	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.18	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.6.3	3.18	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.2.3.1	3.18	Y	datalink allows ATIS messages to be transmitted digitally	mitre	98
FF COM	3.18	P		NASA	
rpdadl	3.18	Y		faa	2000
rpdtos	3.18	P		faa	2000
rpdndi	3.18	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	3.18	Y		faa	2000
TFMRPD~1.DOC	3.19	P		FAA	99
99OPSC~2.DOC	3.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.19	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.19	Y		FAA	99
AWAFRPD.DOC	3.19	Y		FAA	99
mitre 98.8.1	3.19	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.19	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
FF COM	3.19	P		NASA	
rpdadl	3.19	Y		faa	2000
rpdtos	3.19	P		faa	2000
rpdndi	3.19	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	3.19	Y		faa	2000
TFMRPD~1.DOC	3.20*	P		FAA	99
99OPSC~2.DOC	3.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.20*	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.20*	Y		FAA	99
mitre 98.8.1	3.20*	P	Flight 2000: system architecture	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.7.2	3.20*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.2.3.1	3.20*	Y	departure clearances issued via datalink	mitre	98
FF COM	3.20*	P		NASA	
rpdadl	3.20*	Y		faa	2000
rpdtos	3.20*	P		faa	2000
rpdndi	3.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
AWAFRPD.DOC	3.21	E		FAA	99
RWYRDP.Doc	3.21	E	runway incursion avoidance could be included in the automation	FAA	99
TFMRPD~1.DOC	3.21	P		FAA	99
FAARPD146	3.21	P	Airport lighting, signing and marking will effect taxi times	FAA	99
99OPSC~2.DOC	3.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.21	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.21	Y		FAA	99
ADSBRPD.DOC	3.21	Y	adsb provides a/c location	FAA	99
SMARPD.doc	3.21	Y	automation to for spacing	FAA	99
mitre 98.12.5	3.21	E		mitre	98
mitre 98.8.1	3.21	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.21	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.2.2	3.21	P	automation creates taxi / departure schedules for improved departure flow	mitre	98
mitre 98.2.1.1	3.21	P	automation creates taxi / departure schedules for improved departure flow	mitre	98
mitre 98.9.3	3.21	Y		mitre	98
mitre 98.9.2	3.21	Y		mitre	98
mitre 98.9.1	3.21	Y		mitre	98
mitre 98.8.4	3.21	Y		mitre	98
mitre 98.1.4	3.21	Y	automation schedules more efficient departure and taxi schedules	mitre	98
SMA	3.21	P		NASA	
NSAT	3.21	P		NASA	
EDP	3.21	Y		NASA	
faa rpd146	3.21	P	Airport lighting, signing and marking will effect taxi times	faa	2000
rpdadl	3.21	Y		faa	2000
rpdtos	3.21	P		faa	2000
rpdndi	3.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.21	E	runway incursion avoidance could be included in the automati	faa	2000
rpdads	3.21	Y	adsb provides a/c location	faa	2000
rpdavw	3.21	E		faa	2000
rpdtea	3.21	E		faa	2000
99OPSC~2.DOC	3.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.22	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.22	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	3.23	E		FAA	99
AWAFRPD.DOC	3.23	E		FAA	99
MMRPD99.DOC	3.23	E		FAA	99
ADSBRPD.DOC	3.23	P	adsb provides neccasary data for "surface mgt. Info sys."	FAA	99
TFMRPD~1.DOC	3.23	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD136	3.23	P	Construction on rwys and taxiways could cause delays	FAA	99
FAARPD146	3.23	P	Lighting, signing, and marking may be considered part of the surface management information system. Or data used to control the lighting or signing may be part of the surface management information system	FAA	99
FAARPD152	3.23	P	Firefightining equip may be part of this surface management system at airports.	FAA	99
FAARPDTBD1	3.23	P		FAA	99
99OPSC~2.DOC	3.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.23	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
RWYRDP.Doc	3.23	Y	surface management information system important to runway incursion avoidance	FAA	99
mitre 98.1.4	3.23	E	improved communications between levels could make more efficient airport movement and safety	mitre	98
mitre 98.9.3	3.23	P		mitre	98
mitre 98.9.2	3.23	P		mitre	98
mitre 98.9.1	3.23	P		mitre	98
mitre 98.8.4	3.23	P		mitre	98
mitre 98.8.1	3.23	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.23	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
EDP	3.23	E		NASA	
SMA	3.23	P		NASA	
NSAT	3.23	P		NASA	
faa rpd136	3.23	P	Construction on rwys and taxiways could cause delays	faa	2000
faa rpd146	3.23	P	Lighting, signing, and marking may be considered part of the surface management information system. Or data used to control the lighting or signing may be part of the surface management information system	faa	2000
faa rpd152	3.23	P	Firefightining equip may be part of this surface management system at airports.	faa	2000
faa rpd589	3.23	P		faa	2000
rpdadl	3.23	E		faa	2000
rpdasc	3.23	E		faa	2000
rpdtos	3.23	P		faa	2000
rpdndi	3.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.23	Y	surface management information system important to runway	faa	2000
rpdads	3.23	P	adsb provides neccasary data for "surface mgt. Info sys."	faa	2000
rpdavw	3.23	E		faa	2000
AWAFRPD.DOC	3.24	E		FAA	99
MMRPD99.DOC	3.24	E		FAA	99
TFMRPD~1.DOC	3.24	P		FAA	99
FAARPD146	3.24	P	same as above	FAA	99
99OPSC~2.DOC	3.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.24	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.24	Y		FAA	99
ADSBRPD.DOC	3.24	Y	it does provide data to service provider and other a/c	FAA	99
FAARPD152	3.24	Y		FAA	99
mitre 98.8.1	3.24	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.24	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	3.24	Y		mitre	98
mitre 98.9.2	3.24	Y		mitre	98
mitre 98.9.1	3.24	Y		mitre	98
mitre 98.8.4	3.24	Y		mitre	98
faa rpd146	3.24	P	same as above	faa	2000
faa rpd152	3.24	Y		faa	2000
rpdadl	3.24	Y		faa	2000
rpdasc	3.24	E		faa	2000
rpdtos	3.24	P		faa	2000
rpdndi	3.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	3.24	Y	it does provide data to service provider and other a/c	faa	2000
rpdavw	3.24	E		faa	2000
rpdavf	3.24	P		faa	2000
APATH	3.24	E	system provides complete data connectivity	NASA	
CAP	3.24	Y	system processes and displays allow complete connectivity between service providers and users	NASA	
APATH	3.25	E	system provides access to airport environment (weather and aircraft conditions)	NASA	
CAP	3.25	P	CAP system allows sharing of information for planning	NASA	
AWAFRPD.DOC	3.25	E		FAA	99
ADSBRPD.DOC	3.25	P		FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	3.25	P		FAA	99
FAARPD146	3.25	P		FAA	99
FAARPD152	3.25	P		FAA	99
FAARPDTBD1	3.25	P		FAA	99
99OPSC~2.DOC	3.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.25	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.25	Y		FAA	99
RWYRDP.Doc	3.25	Y	information availability decreases runway incursions	FAA	99
mitre 98.12.5	3.25	E		mitre	98
mitre 98.9.3	3.25	P		mitre	98
mitre 98.9.2	3.25	P		mitre	98
mitre 98.9.1	3.25	P		mitre	98
mitre 98.8.4	3.25	P		mitre	98
mitre 98.8.1	3.25	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.25	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.1	3.25	P	availability of flight data from other aircraft	mitre	98
AFAST	3.25	E		NASA	
SMA	3.25	P		NASA	
EDP	3.25	P		NASA	
NSAT	3.25	P		NASA	
faa rpd146	3.25	P		faa	2000
faa rpd152	3.25	P		faa	2000
faa rpd589	3.25	P		faa	2000
rpdadl	3.25	Y		faa	2000
rpdtos	3.25	P		faa	2000
rpdndi	3.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.25	Y	information availability decreases runway incursions	faa	2000
rpdads	3.25	P		faa	2000
rpdavw	3.25	E		faa	2000
AWAFRPD.DOC	3.26	E		FAA	99
TFMRPD~1.DOC	3.26	P		FAA	99
FAARPD146	3.26	P		FAA	99
99OPSC~2.DOC	3.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.26	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.26	Y		FAA	99
mitre 98.10.1	3.26	E		mitre	98
mitre 98.8.1	3.26	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.26	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
faa rpd146	3.26	P		faa	2000
rpdadl	3.26	Y		faa	2000
rpdtos	3.26	E		faa	2000
rpdndi	3.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	3.26	E		faa	2000
TFMRPD~1.DOC	3.27	P		FAA	99
99OPSC~2.DOC	3.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.27	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	3.27	Y		FAA	99
mitre 98.10.1	3.27	E		mitre	98
mitre 98.8.1	3.27	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.27	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdadl	3.27	Y		faa	2000
rpdndi	3.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	3.28	E		FAA	99
HF99RPD4.DOC	3.28	P	program addresses situation awarness	FAA	99
TFMRPD~1.DOC	3.28	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
99OPSC~2.DOC	3.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.28	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	3.28	Y		FAA	99
FAARPD146	3.28	Y	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	FAA	99
FAARPDTBD1	3.28	Y		FAA	99
RWYRDP.Doc	3.28	Y	separation assurance from information availability	FAA	99
mitre 98.8.1	3.28	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.28	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	3.28	Y		mitre	98
mitre 98.9.2	3.28	Y		mitre	98
mitre 98.9.1	3.28	Y		mitre	98
mitre 98.8.4	3.28	Y		mitre	98
mitre 98.1.4	3.28	Y	increased information increases safety and efficiency	mitre	98
EDP	3.28	E		NASA	
faa rpd146	3.28	Y	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	faa	2000
faa rpd589	3.28	Y		faa	2000
rpdadl	3.28	E		faa	2000
rpdtos	3.28	E		faa	2000
rpdndi	3.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.28	Y	separation assurance from information availability	faa	2000
rpdads	3.28	Y		faa	2000
rpdhf	3.28	P	program addresses situation awarness	faa	2000
rpdtea	3.28	E		faa	2000
ADSBRPD.DOC	3.29	P		FAA	99
HF99RPD4.DOC	3.29	P	program addresses situation awarness	FAA	99
TFMRPD~1.DOC	3.29	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.29	P		FAA	99
99OPSC~2.DOC	3.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.29	Y	This is the RPD for the 2005 Conops	FAA	99
FAARPDTBD1	3.29	Y		FAA	99
RWYRDP.Doc	3.29	Y	surface detection equipment	FAA	99
mitre 98.1.4	3.29	E	enhanced situation displays and surface detection equipment could increase safety	mitre	98
mitre 98.9.3	3.29	P		mitre	98
mitre 98.9.2	3.29	P		mitre	98
mitre 98.9.1	3.29	P		mitre	98
mitre 98.8.4	3.29	P		mitre	98
mitre 98.8.1	3.29	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.29	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
faa rpd146	3.29	P		faa	2000
faa rpd589	3.29	Y		faa	2000
rpdtos	3.29	Y		faa	2000
rpdndi	3.29	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.29	Y	surface detection equipment	faa	2000
rpdads	3.29	P		faa	2000
rpdhf	3.29	P	program addresses situation awarness	faa	2000
ADLRPD7D.DOC	3.30*	P		FAA	99
HF99RPD4.DOC	3.30*	P		FAA	99
TFMRPD~1.DOC	3.30*	P		FAA	99
FAARPD146	3.30*	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPDTBD1	3.30*	P		FAA	99
99OPSC~2.DOC	3.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.30*	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	3.30*	Y		FAA	99
RWYRDP.Doc	3.30*	Y	shared ground based surveillance data	FAA	99
mitre 98.5.5	3.30*	E	service providers can display satellite-derived position data	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.1	3.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.30*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	3.30*	Y		mitre	98
mitre 98.9.2	3.30*	Y		mitre	98
mitre 98.9.1	3.30*	Y		mitre	98
mitre 98.8.4	3.30*	Y		mitre	98
mitre 98.1.4	3.30*	Y	flights and ground positions provided to users for safety	mitre	98
CAP	3.30*	P	CAP system includes sharing of information	NASA	
FF COM	3.30*	Y		NASA	
faa rpd146	3.30*	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd589	3.30*	P		faa	2000
rpdadl	3.30*	P		faa	2000
rpdtos	3.30*	E		faa	2000
rpdndi	3.30*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.30*	Y	shared ground based surveillance data	faa	2000
rpdads	3.30*	Y		faa	2000
rpdhf	3.30*	P		faa	2000
rpdtea	3.30*	E		faa	2000
ADLRPD7D.DOC	3.31	P		FAA	99
HF99RPD4.DOC	3.31	P	displays require human factors research	FAA	99
TFMRPD~1.DOC	3.31	P	requirement is related to on board systems	FAA	99
99OPSC~2.DOC	3.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.31	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	3.31	Y		FAA	99
RWYRDP.Doc	3.31	Y	situation displays	FAA	99
mitre 98.8.1	3.31	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.31	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.4	3.31	P	situation displays for airborne and ground traffic will have safety effect	mitre	98
mitre 98.1.1	3.31	P	availability of flight data from other aircraft	mitre	98
mitre 98.9.3	3.31	Y		mitre	98
mitre 98.9.2	3.31	Y		mitre	98
mitre 98.9.1	3.31	Y		mitre	98
mitre 98.8.4	3.31	Y		mitre	98
AFAST	3.31	E		NASA	
EDP	3.31	E		NASA	
rpdadl	3.31	P		faa	2000
rpdtos	3.31	E		faa	2000
rpdndi	3.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.31	Y	situation displays	faa	2000
rpdads	3.31	Y		faa	2000
rpdhf	3.31	P	displays require human factors research	faa	2000
ADLRPD7D.DOC	3.32	P		FAA	99
HF99RPD4.DOC	3.32	P	displays require human factors research	FAA	99
TFMRPD~1.DOC	3.32	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
99OPSC~2.DOC	3.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.32	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	3.32	Y		FAA	99
RWYRDP.Doc	3.32	Y	surface situation display	FAA	99
mitre 98.8.1	3.32	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.32	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.1	3.32	P	availability of flight data from other aircraft	mitre	98
mitre 98.9.3	3.32	Y		mitre	98
mitre 98.9.2	3.32	Y		mitre	98
mitre 98.9.1	3.32	Y		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.4	3.32	Y		mitre	98
SMA	3.32	E		NASA	
AFAST	3.32	E		NASA	
EDP	3.32	E		NASA	
NSAT	3.32	E		NASA	
rpdadl	3.32	P		faa	2000
rpdtos	3.32	Y		faa	2000
rpdndi	3.32	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.32	Y	surface situation display	faa	2000
rpdads	3.32	Y		faa	2000
rpdhf	3.32	P	displays require human factors research	faa	2000
rpdtea	3.32	E		faa	2000
ADLRPD7D.DOC	3.33	E		FAA	99
RWYRDP.Doc	3.33	P	taxi planning	FAA	99
TFMRPD~1.DOC	3.33	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.33	P	Airport lighting, signing and marking will effect taxi times	FAA	99
99OPSC~2.DOC	3.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.33	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	3.33	Y		FAA	99
mitre 98.8.1	3.33	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.33	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.4	3.33	P	taxi planning has updated information	mitre	98
mitre 98.9.3	3.33	Y		mitre	98
mitre 98.9.2	3.33	Y		mitre	98
mitre 98.9.1	3.33	Y		mitre	98
mitre 98.8.4	3.33	Y		mitre	98
EDP	3.33	E		NASA	
SMA	3.33	Y		NASA	
NSAT	3.33	Y		NASA	
faa rpd146	3.33	P	Airport lighting, signing and marking will effect taxi times	faa	2000
rpdadl	3.33	E		faa	2000
rpdtos	3.33	P		faa	2000
rpdndi	3.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.33	P	taxi planning	faa	2000
rpdads	3.33	Y		faa	2000
99OPSC~2.DOC	3.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.34	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.34	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	3.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.35	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.35	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.36	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	3.36	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	3.36	P		FAA	99
ADSBRPD.DOC	3.36	P	adsb provides the monitoring info required	FAA	99
HF99RPD4.DOC	3.36	P	Program addresses decision suppport tools	FAA	99
RWYRDP.Doc	3.36	P	runway incursion avoidance can be included in decision support systems	FAA	99
SMARPD.doc	3.36	P	decision support systems helps determine taxi sequencing	FAA	99
TFMRPD~1.DOC	3.36	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.36	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPDTBD1	3.36	P		FAA	99
99OPSC~2.DOC	3.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.36	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	3.36	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	3.36	P		mitre	98
mitre 98.9.1	3.36	P		mitre	98
mitre 98.8.4	3.36	P		mitre	98
mitre 98.8.1	3.36	P	Flight 2000: system architecture	mitre	98
mitre 98.1.4	3.36	Y	decision support systems for taxi sequencing and conflict checking	mitre	98
EDP	3.36	E		NASA	
SMA	3.36	Y		NASA	
NSAT	3.36	Y		NASA	
faa rpd146	3.36	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd589	3.36	P		faa	2000
rpdadl	3.36	P		faa	2000
rpdtos	3.36	Y		faa	2000
rpdrun	3.36	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdads	3.36	P	adsb provides the monitoring info required	faa	2000
rpdhf	3.36	P	Program addresses decision suppport tools	faa	2000
mitre 98.7.2	3.37	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	3.37	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	3.37	P		FAA	99
ADSBRPD.DOC	3.37	P		FAA	99
TFMRPD~1.DOC	3.37	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.37	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
99OPSC~2.DOC	3.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.37	Y	This is the RPD for the 2005 Conops	FAA	99
SMARPD.doc	3.37	Y	automated planning process	FAA	99
mitre 98.14.1	3.37	E		mitre	98
mitre 98.10.1	3.37	E		mitre	98
mitre 98.9.3	3.37	P		mitre	98
mitre 98.9.2	3.37	P		mitre	98
mitre 98.9.1	3.37	P		mitre	98
mitre 98.8.4	3.37	P		mitre	98
mitre 98.8.1	3.37	P	Flight 2000: system architecture	mitre	98
EDP	3.37	E		NASA	
SMA	3.37	P		NASA	
NSAT	3.37	P		NASA	
faa rpd146	3.37	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
rpdadl	3.37	P		faa	2000
rpdtos	3.37	P		faa	2000
rpdads	3.37	P		faa	2000
APATH	3.37	E	automated planning process shares information with surface situation monitoring systems	NASA	
mitre 98.7.2	3.38	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	3.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADSBRPD.DOC	3.38	E		FAA	99
FAARPDTBD1	3.38	E		FAA	99
HF99RPD4.DOC	3.38	P	Program addresses decision suppport tools	FAA	99
SMARPD.doc	3.38	P	decision support systems help determine sequencing	FAA	99
TFMRPD~1.DOC	3.38	P		FAA	99
99OPSC~2.DOC	3.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.38	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	3.38	E		mitre	98
mitre 98.9.2	3.38	E		mitre	98
mitre 98.9.1	3.38	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.4	3.38	E		mitre	98
mitre 98.8.1	3.38	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	3.38	P		mitre	98
mitre 98.1.4	3.38	Y	decision support systems for departure sequencing safety	mitre	98
SMA	3.38	P		NASA	
NSAT	3.38	P		NASA	
EDP	3.38	Y		NASA	
faa rpd589	3.38	E		faa	2000
rpdtos	3.38	Y		faa	2000
rpdads	3.38	E		faa	2000
rpdhf	3.38	P	Program addresses decision suppport tools	faa	2000
rpdtea	3.38	E		faa	2000
mitre 98.7.2	3.39	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	3.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADSBRPD.DOC	3.39	E		FAA	99
FAARPDTBD1	3.39	E		FAA	99
HF99RPD4.DOC	3.39	P	Program addresses decision suppport tools	FAA	99
TFMRPD~1.DOC	3.39	P		FAA	99
FAARPD146	3.39	P	Airport lighting, signing and marking will effect taxi times	FAA	99
99OPSC~2.DOC	3.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.39	Y	This is the RPD for the 2005 Conops	FAA	99
SMARPD.doc	3.39	Y	decision support system minimize arrival taxi time	FAA	99
mitre 98.9.3	3.39	E		mitre	98
mitre 98.9.2	3.39	E		mitre	98
mitre 98.9.1	3.39	E		mitre	98
mitre 98.8.4	3.39	E		mitre	98
mitre 98.8.1	3.39	P	Flight 2000: system architecture	mitre	98
mitre 98.1.4	3.39	P	decision support systmes for arrival time efficiency	mitre	98
AFAST	3.39	E		NASA	
SMA	3.39	P		NASA	
NSAT	3.39	P		NASA	
faa rpd589	3.39	E		faa	2000
faa rpd146	3.39	P	Airport lighting, signing and marking will effect taxi times	faa	2000
rpdtos	3.39	Y		faa	2000
rpdads	3.39	E		faa	2000
rpdhf	3.39	P	Program addresses decision suppport tools	faa	2000
CAP	3.39	E	for arrivals, decision support systems considers gate to minimize taxi time	NASA	
mitre 98.7.2	3.40*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	3.40*	P		FAA	99
ADSBRPD.DOC	3.40*	P		FAA	99
HF99RPD4.DOC	3.40*	P	program addresses situation awarness	FAA	99
TFMRPD~1.DOC	3.40*	P		FAA	99
FAARPD146	3.40*	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPDTBD1	3.40*	P		FAA	99
99OPSC~2.DOC	3.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.40*	Y	This is the RPD for the 2005 Conops	FAA	99
RWYRDP.Doc	3.40*	Y	improved aircraft knowledge gives alerts for runway incursion	FAA	99
mitre 98.9.3	3.40*	P		mitre	98
mitre 98.9.2	3.40*	P		mitre	98
mitre 98.9.1	3.40*	P		mitre	98
mitre 98.8.4	3.40*	P		mitre	98
mitre 98.8.1	3.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.1.4	3.40*	Y	improved aircraft intent knowledge helps prevent incursions	mitre	98
SMA	3.40*	E		NASA	

Program Name	Requirement	Rating	Notes		
EDP	3.40*	E		NASA	
NSAT	3.40*	E		NASA	
faa rpd146	3.40*	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd589	3.40*	P		faa	2000
rpdadl	3.40*	P		faa	2000
rpdtos	3.40*	Y		faa	2000
rpdndi	3.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	3.40*	Y	improved aircraft knowledge gives alerts for runway incursion	faa	2000
rpdads	3.40*	P		faa	2000
rpdhf	3.40*	P	program addresses situation awarness	faa	2000
rpdtea	3.40*	E		faa	2000
99OPSC~2.DOC	3.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.41	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	3.41	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	3.42	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	3.42	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	3.42	E		FAA	99
ADLRPD7D.DOC	3.42	P		FAA	99
ADSBRPD.DOC	3.42	P		FAA	99
HF99RPD4.DOC	3.42	P		FAA	99
TFMRPD~1.DOC	3.42	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD132	3.42	P	Program deals with airport construction/design based on new sized aircraft. This will have an impact on the gates and ramps mentioned in the requirement. (Note: program does not directly adress the situation displays mentioned in the requirement).	FAA	99
FAARPD146	3.42	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPDTBD1	3.42	P		FAA	99
99OPSC~2.DOC	3.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.42	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	3.42	P		mitre	98
mitre 98.9.2	3.42	P		mitre	98
mitre 98.9.1	3.42	P		mitre	98
mitre 98.8.4	3.42	P		mitre	98
mitre 98.8.1	3.42	P	Flight 2000: system architecture	mitre	98
SMA	3.42	E		NASA	
EDP	3.42	E		NASA	
NSAT	3.42	E		NASA	
faa rpd132	3.42	P	Program deals with airport construction/design based on new sized aircraft. This will have an impact on the gates and ramps mentioned in the requirement. (Note: program does not directly adress the situation displays mentioned in the requirement).	faa	2000
faa rpd146	3.42	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd589	3.42	P		faa	2000
rpdadl	3.42	P		faa	2000
rpdasc	3.42	E		faa	2000
rpdtos	3.42	Y		faa	2000
rpdads	3.42	P		faa	2000
rpdhf	3.42	P		faa	2000
mitre 98.7.2	3.43	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	3.43	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	3.43	E		FAA	99

Program Name	Requirement	Rating	Notes		
AWAFRPD.DOC	3.43	E		FAA	99
FAARPDTBD1	3.43	E		FAA	99
ADSBRPD.DOC	3.43	P		FAA	99
HF99RPD4.DOC	3.43	P		FAA	99
TFMRPD~1.DOC	3.43	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.43	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
99OPSC~2.DOC	3.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.43	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	3.43	P		mitre	98
mitre 98.9.2	3.43	P		mitre	98
mitre 98.9.1	3.43	P		mitre	98
mitre 98.8.4	3.43	P		mitre	98
mitre 98.8.1	3.43	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	3.43	Y	surface flow automation set up with situation-based initial parameters	mitre	98
mitre 98.2.1.1	3.43	Y	surface flow automation set up with situation-based initial parameters	mitre	98
SMA	3.43	P		NASA	
NSAT	3.43	P		NASA	
faa rpd589	3.43	E		faa	2000
faa rpd146	3.43	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
rpdadl	3.43	E		faa	2000
rpdtos	3.43	Y		faa	2000
rpdads	3.43	P		faa	2000
rpdhf	3.43	P		faa	2000
rpdavw	3.43	E		faa	2000
rpdtea	3.43	E		faa	2000
mitre 98.7.2	3.44	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	3.44	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	3.44	E		FAA	99
ADSBRPD.DOC	3.44	P	adsb provides established a/c movements for taxi situations	FAA	99
AWAFRPD.DOC	3.44	P		FAA	99
HF99RPD4.DOC	3.44	P		FAA	99
TFMRPD~1.DOC	3.44	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.44	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPDTBD1	3.44	P		FAA	99
99OPSC~2.DOC	3.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.44	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.14.1	3.44	E		mitre	98
mitre 98.9.3	3.44	P		mitre	98
mitre 98.9.2	3.44	P		mitre	98
mitre 98.9.1	3.44	P		mitre	98
mitre 98.8.4	3.44	P		mitre	98
mitre 98.8.1	3.44	P	Flight 2000: system architecture	mitre	98
SMA	3.44	E		NASA	
EDP	3.44	E		NASA	
NSAT	3.44	E		NASA	
faa rpd146	3.44	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd589	3.44	P		faa	2000
faa 00rpd557	3.44	Y	ground schedules and movement accounting for deicing	faa	2000

Program Name	Requirement	Rating	Notes		
rpdadl	3.44	E		faa	2000
rpdtos	3.44	Y		faa	2000
rpdads	3.44	P	adsb provides established a/c movements for taxi situations	faa	2000
rpdhf	3.44	P		faa	2000
rpdavw	3.44	P		faa	2000
mitre 98.7.2	3.45	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	3.45	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	3.45	E		FAA	99
AWAFRPD.DOC	3.45	E		FAA	99
ADSBRPD.DOC	3.45	P		FAA	99
HF99RPD4.DOC	3.45	P		FAA	99
TFMRPD~1.DOC	3.45	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
FAARPD146	3.45	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPDTBD1	3.45	P		FAA	99
99OPSC~2.DOC	3.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.45	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	3.45	P		mitre	98
mitre 98.9.2	3.45	P		mitre	98
mitre 98.9.1	3.45	P		mitre	98
mitre 98.8.4	3.45	P		mitre	98
mitre 98.8.1	3.45	P	Flight 2000: system architecture	mitre	98
SMA	3.45	P		NASA	
NSAT	3.45	P		NASA	
faa rpd146	3.45	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd589	3.45	P		faa	2000
rpdadl	3.45	E		faa	2000
rpdtos	3.45	P		faa	2000
rpdads	3.45	P		faa	2000
rpdhf	3.45	P		faa	2000
rpdavw	3.45	E		faa	2000
99OPSC~2.DOC	4.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.1	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.1	P	Flight 2000: system architecture	mitre	98
AWAFRPD.DOC	4.2	E		FAA	99
ADLRPD7D.DOC	4.2	P		FAA	99
ADSBRPD.DOC	4.2	P	adsb provides the data	FAA	99
TFMRPD~1.DOC	4.2	P		FAA	99
FAARPD146	4.2	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
99OPSC~2.DOC	4.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.2	Y	This is the RPD for the 2005 Conops	FAA	99
SMARPD.doc	4.2	Y	decision support systems	FAA	99
mitre 98.15.1	4.2	P		mitre	98
mitre 98.15.1	4.2	P		mitre	98
mitre 98.9.3	4.2	P		mitre	98
mitre 98.9.2	4.2	P		mitre	98
mitre 98.9.1	4.2	P		mitre	98
mitre 98.8.4	4.2	P		mitre	98
mitre 98.8.1	4.2	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.2	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.2	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.1.4	4.2	P	decision support systems increase efficiency of airport asset usage	mitre	98
EDP	4.2	E		NASA	
NSAT	4.2	P		NASA	
AFAST	4.2	Y		NASA	
faa rpd146	4.2	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
rpdadl	4.2	P		faa	2000
rpdtfm	4.2	P		faa	2000
rpdndi	4.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.2	P	adsb provides the data	faa	2000
rpdavw	4.2	E		faa	2000
rpdtea	4.2	E		faa	2000
ADLRPD7D.DOC	4.3	E		FAA	99
ADSBRPD.DOC	4.3	E		FAA	99
AND620.DOC	4.3	E		FAA	99
TFMRPD~1.DOC	4.3	P		FAA	99
TA_EE_~1.DOC	4.3	P	engine noise may impact departure and arrival routes and procedures	FAA	99
99OPSC~2.DOC	4.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.3	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.11.1	4.3	E		mitre	98
mitre 98.9.3	4.3	E		mitre	98
mitre 98.9.2	4.3	E		mitre	98
mitre 98.9.1	4.3	E		mitre	98
mitre 98.8.4	4.3	E		mitre	98
mitre 98.8.1	4.3	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.3	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.3	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.5.5	4.3	P	expanded departure and arrival routes to allow sat nav	mitre	98
mitre 98.7.4	4.3	Y	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.3	4.3	Y	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.5.1	4.3	Y	need to implm\ement RNAV and sat-nav	mitre	98
EDP	4.3	E		NASA	
FF COM	4.3	P		NASA	
rpdadl	4.3	E		faa	2000
rpdenr	4.3	P	program tools assist in arrival structure expansion	faa	2000
rpdndi	4.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.3	E		faa	2000
rpdads	4.3	E		faa	2000
rpdnav	4.3	Y	area navigation with departure / arrival expanded structures	faa	2000
AND620.DOC	4.4	E		FAA	99
TFMRPD~1.DOC	4.4	P		FAA	99
99OPSC~2.DOC	4.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.4	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	4.4	E		mitre	98
mitre 98.9.2	4.4	E		mitre	98
mitre 98.9.1	4.4	E		mitre	98
mitre 98.15.1	4.4	P		mitre	98
mitre 98.8.1	4.4	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.4	P		mitre	98
mitre 98.7.2	4.4	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.4	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.1.1	4.4	Y	improved procedures to eliminate constraints	mitre	98
AFAST	4.4	E		NASA	
rpdtfm	4.4	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	4.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.4	E		faa	2000
R&DMAPS2.Doc	4.5	E	improved terrain mapping may have an impact on this requirement	FAA	99
TFMRPD~1.DOC	4.5	P		FAA	99
99OPSC~2.DOC	4.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.5	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.5	Y		FAA	99
ADSBRPD.DOC	4.5	Y		FAA	99
AWAFRPD.DOC	4.5	Y		FAA	99
RWYRDP.Doc	4.5	Y	automatic ground-to-flight information exchange	FAA	99
mitre 98.2.1.3.1	4.5	E	automatic ground-flight info exchange helps coordination of arrival trajectories	mitre	98
mitre 98.15.1	4.5	P		mitre	98
mitre 98.15.1	4.5	P		mitre	98
mitre 98.8.1	4.5	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.5	P		mitre	98
mitre 98.7.3	4.5	P		mitre	98
mitre 98.7.2	4.5	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.5	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.4	4.5	Y		mitre	98
TMA	4.5	Y		NASA	
P-FAST	4.5	Y		NASA	
AFAST	4.5	Y		NASA	
rpdadl	4.5	Y		faa	2000
rpdtfm	4.5	P		faa	2000
rpdndi	4.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.5	Y	automatic ground-to-flight information exchange	faa	2000
rpdads	4.5	Y		faa	2000
rpdavw	4.5	Y		faa	2000
rpdtea	4.5	E		faa	2000
rpdavf	4.5	P		faa	2000
CAP	4.5	E	automatic exchange of info between flight deck and ground-based deicions support systems assists with arrival trajectories	NASA	
APATH	4.5	E	automatic exhange of information between flight deck and ground decision support	NASA	
ADSBRPD.DOC	4.6	E	could be intergrated into existing system	FAA	99
TFMRPD~1.DOC	4.6	P		FAA	99
99OPSC~2.DOC	4.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.6	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.6	Y		FAA	99
AWAFRPD.DOC	4.6	Y		FAA	99
mitre 98.8.4	4.6	E		mitre	98
mitre 98.15.1	4.6	P		mitre	98
mitre 98.15.1	4.6	P		mitre	98
mitre 98.8.1	4.6	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.6	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.6	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
rpdadl	4.6	Y		faa	2000
rpdndi	4.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.6	E	could be intergrated into existing system	faa	2000
rpdavw	4.6	Y		faa	2000
rpdavf	4.6	E		faa	2000
ADSBRPD.DOC	4.7	E		FAA	99
MMRPD99.DOC	4.7	E		FAA	99
TFMRPD~1.DOC	4.7	P		FAA	99

Program Name	Requirement	Rating	Notes		
FAARPD146	4.7	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
99OPSC~2.DOC	4.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.7	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.7	Y		FAA	99
mitre 98.9.3	4.7	E		mitre	98
mitre 98.9.2	4.7	E		mitre	98
mitre 98.9.1	4.7	E		mitre	98
mitre 98.8.4	4.7	E		mitre	98
mitre 98.15.1	4.7	P		mitre	98
mitre 98.8.1	4.7	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.7	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.7	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
faa rpd146	4.7	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
rpdadl	4.7	Y		faa	2000
rpdasc	4.7	E		faa	2000
rpdtfm	4.7	P		faa	2000
rpdndi	4.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.7	E		faa	2000
rpdavf	4.7	P		faa	2000
CAP	4.7	Y	shared access to NAS information system allows automated exchange of gate and runway preference	NASA	
APATH	4.8	E	NAS infrastructure status shared with flight deck	NASA	
CAP	4.8	E	NAS status information for arrival operations shared with flight deck	NASA	
ADSBRPD.DOC	4.8	E		FAA	99
AWAFRPD.DOC	4.8	E		FAA	99
TFMRPD~1.DOC	4.8	P		FAA	99
99OPSC~2.DOC	4.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.8	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.8	Y		FAA	99
mitre 98.10.1	4.8	E		mitre	98
mitre 98.9.3	4.8	E		mitre	98
mitre 98.9.2	4.8	E		mitre	98
mitre 98.9.1	4.8	E		mitre	98
mitre 98.8.4	4.8	E		mitre	98
mitre 98.15.1	4.8	P		mitre	98
mitre 98.8.1	4.8	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.8	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.8	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
AFAST	4.8	E		NASA	
EDP	4.8	E		NASA	
rpdadl	4.8	Y		faa	2000
rpdndi	4.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.8	E		faa	2000
rpdavw	4.8	E		faa	2000
rpdavf	4.8	P		faa	2000
ADLRPD7D.DOC	4.9	E		FAA	99
AWAFRPD.DOC	4.9	E		FAA	99
MMRPD99.DOC	4.9	E		FAA	99
RWYRDP.Doc	4.9	P	runway incursion avoidance can be included in decision support systems	FAA	99
TFMRPD~1.DOC	4.9	P		FAA	99
FAARPD146	4.9	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	4.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.9	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.9	Y		FAA	99
SMARPD.doc	4.9	Y	decision support systems for runway assignment	FAA	99
mitre 98.15.1	4.9	P		mitre	98
mitre 98.8.1	4.9	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	4.9	P		mitre	98
mitre 98.7.2	4.9	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.9	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.9.3	4.9	Y		mitre	98
mitre 98.9.2	4.9	Y		mitre	98
mitre 98.9.1	4.9	Y		mitre	98
mitre 98.8.4	4.9	Y		mitre	98
NSAT	4.9	P		NASA	
TMA	4.9	Y		NASA	
P-FAST	4.9	Y		NASA	
AFAST	4.9	Y		NASA	
faa rpd146	4.9	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	faa	2000
rpdadl	4.9	E		faa	2000
rpdasc	4.9	E		faa	2000
rpdtfm	4.9	P		faa	2000
rpdenr	4.9	Y	decision support assists provider in merging and sequencing t	faa	2000
rpdndi	4.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.9	P	runway incursion avoidance can be included in decision suppo	faa	2000
rpdads	4.9	Y		faa	2000
rpdavw	4.9	E		faa	2000
rpdtea	4.9	E		faa	2000
99OPSC~2.DOC	4.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.10*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.10*	P	Flight 2000: system architecture	mitre	98
TFMRPD~1.DOC	4.11	P		FAA	99
99OPSC~2.DOC	4.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.11	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.11	Y		FAA	99
ADSBRPD.DOC	4.11	Y		FAA	99
mitre 98.15.1	4.11	P		mitre	98
mitre 98.8.1	4.11	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.11	P		mitre	98
mitre 98.7.2	4.11	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.6.3	4.11	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.5.5	4.11	P	route flexibility allowed by increased nav precision from satellites	mitre	98
mitre 98.2.3.1	4.11	P	datalink to reduce voice communications	mitre	98
mitre 98.1.1	4.11	P	tools allow flight flexibility	mitre	98
mitre 98.9.3	4.11	Y		mitre	98
mitre 98.9.2	4.11	Y		mitre	98
mitre 98.9.1	4.11	Y		mitre	98
mitre 98.8.4	4.11	Y		mitre	98
mitre 98.7.3	4.11	Y	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.5.1	4.11	Y	sat-nav needed to get more precise navigation	mitre	98
AFAST	4.11	E		NASA	
FF COM	4.11	P		NASA	
rpdadl	4.11	Y		faa	2000
rpdndi	4.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.11	Y		faa	2000

Program Name	Requirement	Rating	Notes		
rpdnav	4.11	Y	satellite navigation transition	faa	2000
AND620.DOC	4.12	E		FAA	99
TFMRPD~1.DOC	4.12	P		FAA	99
99OPSC~2.DOC	4.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.12	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.12	Y		FAA	99
ADSBRPD.DOC	4.12	Y		FAA	99
RWYRDP.Doc	4.12	Y	satellite-based position data allows better aircraft separation	FAA	99
mitre 98.12.5	4.12	E		mitre	98
mitre 98.1.1	4.12	E	sat-based position data	mitre	98
mitre 98.15.1	4.12	P		mitre	98
mitre 98.8.2	4.12	P	program addresses avionics certification and acquisition	mitre	98
mitre 98.8.1	4.12	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.12	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	4.12	P		mitre	98
mitre 98.9.2	4.12	P		mitre	98
mitre 98.9.1	4.12	P		mitre	98
mitre 98.8.4	4.12	Y		mitre	98
mitre 98.5.5	4.12	Y	satellite position data broadcast by aircraft to other aircraft	mitre	98
AFAST	4.12	E		NASA	
FF COM	4.12	P		NASA	
rpdadl	4.12	Y		faa	2000
rpdndi	4.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.12	Y	satellite-based position data allows better aircraft separation	faa	2000
rpdtca	4.12	E		faa	2000
rpdads	4.12	Y		faa	2000
rpdnav	4.12	Y	satellite navigation transition	faa	2000
rpdavf	4.12	Y		faa	2000
99OPSC~2.DOC	4.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.13	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.13	P	Flight 2000: system architecture	mitre	98
TFMRPD~1.DOC	4.14	P		FAA	99
99OPSC~2.DOC	4.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.14	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.14	Y		FAA	99
mitre 98.15.1	4.14	P		mitre	98
mitre 98.8.1	4.14	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.14	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.2.3.1	4.14	Y	pre-defined data link messages	mitre	98
rpdadl	4.14	Y		faa	2000
rpdndi	4.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
CAP	4.14	E	pre-defined data link messages passed to equipped aircraft	NASA	
AWAFRPD.DOC	4.15	E		FAA	99
TFMRPD~1.DOC	4.15	P		FAA	99
FAARPD146	4.15	P	Automated taxiway lighting/marking will reduce the need for service provider/pilot voice communications	FAA	99
99OPSC~2.DOC	4.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.15	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.15	Y		FAA	99
ADSBRPD.DOC	4.15	Y		FAA	99
mitre 98.15.1	4.15	P		mitre	98
mitre 98.8.1	4.15	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.15	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.6.3	4.15	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.9.3	4.15	Y		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	4.15	Y		mitre	98
mitre 98.9.1	4.15	Y		mitre	98
mitre 98.8.4	4.15	Y		mitre	98
faa rpd146	4.15	P	Automated taxiway lighting/marking will reduce the need for service provider/pilot voice communications	faa	2000
rpdadl	4.15	Y		faa	2000
rpdndi	4.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.15	Y		faa	2000
rpdavw	4.15	E		faa	2000
TFMRPD~1.DOC	4.16	P		FAA	99
FAARPD146	4.16	P	Automated taxiway lighting/marking will reduce the need for service provider/pilot voice communications	FAA	99
99OPSC~2.DOC	4.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.16	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.16	Y		FAA	99
ADSBRPD.DOC	4.16	Y		FAA	99
mitre 98.15.1	4.16	P		mitre	98
mitre 98.8.1	4.16	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.16	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	4.16	Y		mitre	98
mitre 98.9.2	4.16	Y		mitre	98
mitre 98.9.1	4.16	Y		mitre	98
mitre 98.8.4	4.16	Y		mitre	98
mitre 98.2.3.1	4.16	Y	enhanced ground-to-ground digital and voice comm	mitre	98
AFAST	4.16	E		NASA	
faa rpd146	4.16	P	Automated taxiway lighting/marking will reduce the need for service provider/pilot voice communications	faa	2000
rpdadl	4.16	Y		faa	2000
rpdvos	4.16	Y		faa	2000
rpdndi	4.16	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.16	Y		faa	2000
rpdtea	4.16	E		faa	2000
99OPSC~2.DOC	4.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.17	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.17	P	Flight 2000: system architecture	mitre	98
TFMRPD~1.DOC	4.18	P		FAA	99
99OPSC~2.DOC	4.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.18	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.18	Y		FAA	99
AWAFRPD.DOC	4.18	Y		FAA	99
mitre 98.14.1	4.18	E		mitre	98
mitre 98.12.5	4.18	E		mitre	98
mitre 98.11.1	4.18	E		mitre	98
mitre 98.15.1	4.18	P		mitre	98
mitre 98.8.1	4.18	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.18	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
AFAST	4.18	E		NASA	
EDP	4.18	E		NASA	
rpdadl	4.18	Y		faa	2000
rpdtfm	4.18	P		faa	2000
rpdavw	4.18	Y		faa	2000
rpdtea	4.18	E		faa	2000
rpdndi	4.18	P	program deals with high level NAS operational concepts, fewe	faa	2000
99OPSC~2.DOC	4.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.19	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.19	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	4.20*	E		FAA	99
AWAFRPD.DOC	4.20*	E		FAA	99
TFMRPD~1.DOC	4.20*	P		FAA	99

Program Name	Requirement	Rating	Notes		
FAARPD146	4.20*	P	While this program does not address surface decision support tools, airport lighting may be linked to them. Lighting will assist in situational awarness (automated stop bars, etc.)	FAA	99
99OPSC~2.DOC	4.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.20*	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.20*	Y		FAA	99
RWYRDP.Doc	4.20*	Y	runway incursion avoidance can be included in decision support systems	FAA	99
SMARPD.doc	4.20*	Y	decision support systems for situation awareness	FAA	99
mitre 98.9.3	4.20*	P		mitre	98
mitre 98.9.2	4.20*	P		mitre	98
mitre 98.9.1	4.20*	P		mitre	98
mitre 98.8.1	4.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	4.20*	P	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.7.2	4.20*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.20*	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.2.1.3.1	4.20*	P	decision support systems help sequence arrival traffic	mitre	98
mitre 98.1.1	4.20*	P	decision support systems maintain situation awareness	mitre	98
mitre 98.8.4	4.20*	Y		mitre	98
mitre 98.1.4	4.20*	Y	decision support systems help service providers resolve conflicts and sequence traffic	mitre	98
TMA	4.20*	Y		NASA	
P-FAST	4.20*	Y		NASA	
AFAST	4.20*	Y		NASA	
faa rpd146	4.20*	P	While this program does not address surface decision support tools, airport lighting may be linked to them. Lighting will assist in situational awarness (automated stop bars, etc.)	faa	2000
rpdadl	4.20*	E		faa	2000
rpdtfm	4.20*	Y		faa	2000
rpdenr	4.20*	Y	decision support for conflict identification / resolution and sequ	faa	2000
rpdndi	4.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.20*	Y	runway incursion avoidance can be included in decision supp	faa	2000
rpdads	4.20*	Y		faa	2000
rpdavw	4.20*	E		faa	2000
rpdtea	4.20*	P		faa	2000
R&DMAPS2.Doc	4.21	P	Program will influence aircraft-to-terrain separation	FAA	99
RWYRDP.Doc	4.21	P	departure and arrival planning	FAA	99
TFMRPD~1.DOC	4.21	P		FAA	99
FAARPD146	4.21	P	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	FAA	99
99OPSC~2.DOC	4.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.21	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.21	Y		FAA	99
AND620.DOC	4.21	Y		FAA	99
mitre 98.7.1	4.21	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.15.1	4.21	P		mitre	98
mitre 98.8.1	4.21	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.21	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	4.21	Y		mitre	98
mitre 98.9.2	4.21	Y		mitre	98
mitre 98.9.1	4.21	Y		mitre	98
mitre 98.8.4	4.21	Y		mitre	98
TMA	4.21	P		NASA	
P-FAST	4.21	P		NASA	
EDP	4.21	P		NASA	

Program Name	Requirement	Rating	Notes		
AFAST	4.21	Y		NASA	
faa rpd146	4.21	P	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	faa	2000
rpdtfm	4.21	P		faa	2000
rpdndi	4.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.21	P	departure and arrival planning	faa	2000
rpdtca	4.21	Y		faa	2000
rpdads	4.21	Y		faa	2000
AND620.DOC	4.22	E		FAA	99
ADSBRPD.DOC	4.22	P		FAA	99
TFMRPD~1.DOC	4.22	P		FAA	99
FAARPD146	4.22	P	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	FAA	99
99OPSC~2.DOC	4.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.22	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.22	P		mitre	98
mitre 98.9.3	4.22	P		mitre	98
mitre 98.9.2	4.22	P		mitre	98
mitre 98.9.1	4.22	P		mitre	98
mitre 98.8.4	4.22	P		mitre	98
mitre 98.8.1	4.22	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.22	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
AFAST	4.22	E		NASA	
EDP	4.22	E		NASA	
faa rpd146	4.22	P	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	faa	2000
rpdtfm	4.22	P		faa	2000
rpdndi	4.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.22	E		faa	2000
rpdads	4.22	P		faa	2000
ADSBRPD.DOC	4.23	E		FAA	99
AND620.DOC	4.23	E		FAA	99
HF99RPD4.DOC	4.23	P	responsibility for separation assurance may require human factors research	FAA	99
TFMRPD~1.DOC	4.23	P		FAA	99
99OPSC~2.DOC	4.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.23	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	4.23	Y		FAA	99
mitre 98.9.3	4.23	E		mitre	98
mitre 98.9.2	4.23	E		mitre	98
mitre 98.9.1	4.23	E		mitre	98
mitre 98.8.4	4.23	E		mitre	98
mitre 98.7.1	4.23	E	program adresses operational needs for terminal areas	mitre	98
mitre 98.15.1	4.23	P		mitre	98
mitre 98.8.1	4.23	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.23	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	4.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.23	E		faa	2000
rpdads	4.23	E		faa	2000
rpdhf	4.23	P	responsibility for separation assurance may require human factors research	faa	2000
rpdavw	4.23	Y		faa	2000
ADSBRPD.DOC	4.24	E		FAA	99
MMRPD99.DOC	4.24	E		FAA	99
ADLRPD7D.DOC	4.24	P		FAA	99
HF99RPD4.DOC	4.24	P	responsibility for separation assurance may require human factors research	FAA	99
TFMRPD~1.DOC	4.24	P		FAA	99
99OPSC~2.DOC	4.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.24	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
mitre 98.9.3	4.24	E		mitre	98
mitre 98.9.2	4.24	E		mitre	98
mitre 98.9.1	4.24	E		mitre	98
mitre 98.8.4	4.24	E		mitre	98
mitre 98.15.1	4.24	P		mitre	98
mitre 98.8.1	4.24	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.24	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.24	P	program adresses operational needs for terminal areas	mitre	98
AFAST	4.24	E		NASA	
rpdadl	4.24	P		faa	2000
rpdasc	4.24	E		faa	2000
rpdtfm	4.24	P		faa	2000
rpdndi	4.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.24	E		faa	2000
rpdhf	4.24	P	responsibility for separation assurance may require human factors research	faa	2000
rpdavf	4.24	P		faa	2000
ADLRPD7D.DOC	4.25	P		FAA	99
AND620.DOC	4.25	P		FAA	99
HF99RPD4.DOC	4.25	P	improved tools and displays for separation assurance may require human factors research	FAA	99
TFMRPD~1.DOC	4.25	P		FAA	99
FAARPD146	4.25	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
99OPSC~2.DOC	4.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.25	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.25	Y		FAA	99
mitre 98.15.1	4.25	P		mitre	98
mitre 98.9.3	4.25	P		mitre	98
mitre 98.9.2	4.25	P		mitre	98
mitre 98.9.1	4.25	P		mitre	98
mitre 98.8.1	4.25	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.25	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.25	P		mitre	98
mitre 98.8.4	4.25	Y		mitre	98
EDP	4.25	E		NASA	
AFAST	4.25	P		NASA	
TMA	4.25	Y		NASA	
P-FAST	4.25	Y		NASA	
faa rpd146	4.25	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
rpdadl	4.25	P		faa	2000
rpdtfm	4.25	Y		faa	2000
rpdenr	4.25	E	improved tools help assure aircraft separation	faa	2000
rpdndi	4.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.25	P		faa	2000
rpdads	4.25	Y		faa	2000
rpdhf	4.25	P	improved tools and displays for separation assurance may require human factors research	faa	2000
AWAFRPD.DOC	4.26	E		FAA	99
RWYRDP.Doc	4.26	E	displays and alerts could be expanded to include incursion avoidance	FAA	99
ADLRPD7D.DOC	4.26	P		FAA	99
AND620.DOC	4.26	P		FAA	99
HF99RPD4.DOC	4.26	P	Situation displays and conflict alert require human factors research	FAA	99
TFMRPD~1.DOC	4.26	P		FAA	99
99OPSC~2.DOC	4.26	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	4.26	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.26	Y		FAA	99
mitre 98.1.4	4.26	E	situation displays and conflict alerts provide more information	mitre	98
mitre 98.15.1	4.26	P		mitre	98
mitre 98.9.3	4.26	P		mitre	98
mitre 98.9.2	4.26	P		mitre	98
mitre 98.9.1	4.26	P		mitre	98
mitre 98.8.1	4.26	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.26	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.26	P		mitre	98
mitre 98.8.4	4.26	Y		mitre	98
EDP	4.26	E		NASA	
AFAST	4.26	Y		NASA	
rpdadl	4.26	P		faa	2000
rpdtfm	4.26	P		faa	2000
rpdenr	4.26	E	program tools could include situation displays and conflict ale	faa	2000
rpdndi	4.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.26	E	displays and alerts could be expanded to include incursion av	faa	2000
rpdtca	4.26	P		faa	2000
rpdads	4.26	Y		faa	2000
rpdhf	4.26	P	Situation displays and conflict alert require human factors research	faa	2000
rpdavw	4.26	E		faa	2000
ADLRPD7D.DOC	4.27	P		FAA	99
TFMRPD~1.DOC	4.27	P		FAA	99
99OPSC~2.DOC	4.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.27	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.27	Y		FAA	99
AWAFRPD.DOC	4.27	Y		FAA	99
mitre 98.15.1	4.27	P		mitre	98
mitre 98.8.1	4.27	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.27	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.27	P		mitre	98
mitre 98.9.3	4.27	Y		mitre	98
mitre 98.9.2	4.27	Y		mitre	98
mitre 98.9.1	4.27	Y		mitre	98
mitre 98.8.4	4.27	Y		mitre	98
AFAST	4.27	E		NASA	
rpdadl	4.27	P		faa	2000
rpdtfm	4.27	Y		faa	2000
rpdndi	4.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.27	Y		faa	2000
rpdavw	4.27	Y		faa	2000
rpdavf	4.27	E		faa	2000
RWYRDP.Doc	4.28	E	improved displays	FAA	99
ADLRPD7D.DOC	4.28	P		FAA	99
ADSBRPD.DOC	4.28	P		FAA	99
AWAFRPD.DOC	4.28	P		FAA	99
HF99RPD4.DOC	4.28	P	"Improved displays" and "situational awareness" requires human factors research	FAA	99
TFMRPD~1.DOC	4.28	P		FAA	99
99OPSC~2.DOC	4.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.28	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.28	P		mitre	98
mitre 98.9.3	4.28	P		mitre	98
mitre 98.9.2	4.28	P		mitre	98
mitre 98.9.1	4.28	P		mitre	98
mitre 98.8.4	4.28	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.1	4.28	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.28	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.28	P		mitre	98
mitre 98.1.1	4.28	P	displays have facilitated data distribution	mitre	98
EDP	4.28	E		NASA	
AFAST	4.28	P		NASA	
rpdadl	4.28	P		faa	2000
rpdtfm	4.28	Y		faa	2000
rpdndi	4.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.28	E	improved displays	faa	2000
rpdads	4.28	P		faa	2000
rpdhf	4.28	P	"Improved displays" and "situational awareness" requires human factors research	faa	2000
rpdavw	4.28	P		faa	2000
ADLRPD7D.DOC	4.29	P		FAA	99
ADSBRPD.DOC	4.29	P		FAA	99
HF99RPD4.DOC	4.29	P	This will require an interface with strong human factors	FAA	99
RWYRDP.Doc	4.29	P	models for detection and resolutions	FAA	99
TFMRPD~1.DOC	4.29	P		FAA	99
99OPSC~2.DOC	4.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.29	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.29	P		mitre	98
mitre 98.9.3	4.29	P		mitre	98
mitre 98.9.2	4.29	P		mitre	98
mitre 98.9.1	4.29	P		mitre	98
mitre 98.8.4	4.29	P		mitre	98
mitre 98.8.1	4.29	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.29	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.1	4.29	P	improved trajectory models allow more accurate conflict resolutions	mitre	98
AFAST	4.29	P		NASA	
EDP	4.29	P		NASA	
rpdadl	4.29	P		faa	2000
rpdtfm	4.29	Y		faa	2000
rpdenr	4.29	Y	conflict detection functions and conflict resolutions	faa	2000
rpdndi	4.29	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.29	P	models for detection and resolutions	faa	2000
rpdads	4.29	P		faa	2000
rpdhf	4.29	P	This will require an interface with strong human factors	faa	2000
rpdtea	4.29	E		faa	2000
99OPSC~2.DOC	4.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.30*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.30*	P	Flight 2000: system architecture	mitre	98
ADSBRPD.DOC	4.31	P		FAA	99
R&DMAPS2.Doc	4.31	P	Program will influence aircraft-to-terrain separation	FAA	99
TFMRPD~1.DOC	4.31	P		FAA	99
99OPSC~2.DOC	4.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.31	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.31	P		mitre	98
mitre 98.9.3	4.31	P		mitre	98
mitre 98.9.2	4.31	P		mitre	98
mitre 98.9.1	4.31	P		mitre	98
mitre 98.8.4	4.31	P		mitre	98
mitre 98.8.1	4.31	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.31	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdtfm	4.31	P		faa	2000
rpdndi	4.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.31	P		faa	2000

Program Name	Requirement	Rating	Notes		
AND620.DOC	4.32	E		FAA	99
ADSBRPD.DOC	4.32	P		FAA	99
R&DMAPS2.Doc	4.32	P	Program will influence aircraft-to-terrain separation	FAA	99
TFMRPD~1.DOC	4.32	P		FAA	99
99OPSC~2.DOC	4.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.32	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.32	P		mitre	98
mitre 98.9.3	4.32	P		mitre	98
mitre 98.9.2	4.32	P		mitre	98
mitre 98.9.1	4.32	P		mitre	98
mitre 98.8.4	4.32	P		mitre	98
mitre 98.8.1	4.32	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.32	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
AFAST	4.32	P		NASA	
rpdtfm	4.32	P		faa	2000
rpdndi	4.32	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.32	E		faa	2000
rpdads	4.32	P		faa	2000
rpdtea	4.32	E		faa	2000
ADLRPD7D.DOC	4.33	E		FAA	99
ADSBRPD.DOC	4.33	P		FAA	99
HF99RPD4.DOC	4.33	P	Automated warnings require a good human factors design	FAA	99
R&DMAPS2.Doc	4.33	P	Program will influence aircraft-to-terrain separation	FAA	99
TFMRPD~1.DOC	4.33	P		FAA	99
99OPSC~2.DOC	4.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.33	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.33	P		mitre	98
mitre 98.9.3	4.33	P		mitre	98
mitre 98.9.2	4.33	P		mitre	98
mitre 98.9.1	4.33	P		mitre	98
mitre 98.8.4	4.33	P		mitre	98
mitre 98.8.1	4.33	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.33	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdadl	4.33	E		faa	2000
rpdtfm	4.33	P		faa	2000
rpdndi	4.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.33	P		faa	2000
rpdhf	4.33	P	Automated warnings require a good human factors design	faa	2000
rpdtea	4.33	P		faa	2000
ADLRPD7D.DOC	4.34	P		FAA	99
TFMRPD~1.DOC	4.34	P		FAA	99
99OPSC~2.DOC	4.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.34	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.34	Y		FAA	99
mitre 98.15.1	4.34	P		mitre	98
mitre 98.8.1	4.34	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.34	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.1.1	4.34	P	automatic dissemination of data to service provider	mitre	98
mitre 98.9.3	4.34	Y		mitre	98
mitre 98.9.2	4.34	Y		mitre	98
mitre 98.9.1	4.34	Y		mitre	98
mitre 98.8.4	4.34	Y		mitre	98
rpdadl	4.34	P		faa	2000
rpdtfm	4.34	P		faa	2000
rpdndi	4.34	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.34	Y		faa	2000
ADLRPD7D.DOC	4.35	E		FAA	99
HF99RPD4.DOC	4.35	P	display design requires human factors research	FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	4.35	P		FAA	99
99OPSC~2.DOC	4.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.35	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.35	Y		FAA	99
AWAFRPD.DOC	4.35	Y		FAA	99
mitre 98.15.1	4.35	P		mitre	98
mitre 98.8.1	4.35	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.35	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.9.3	4.35	Y		mitre	98
mitre 98.9.2	4.35	Y		mitre	98
mitre 98.9.1	4.35	Y		mitre	98
mitre 98.8.4	4.35	Y		mitre	98
AFAST	4.35	E		NASA	
rpdadl	4.35	E		faa	2000
rpdtfm	4.35	P		faa	2000
rpdndi	4.35	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.35	Y		faa	2000
rpdhf	4.35	P	display design requires human factors research	faa	2000
rpdavw	4.35	Y		faa	2000
mitre 98.7.2	4.36	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
HF99RPD4.DOC	4.36	P	Program will address service providers performance and workload (this will be improtant to display design)	FAA	99
TFMRPD~1.DOC	4.36	P		FAA	99
99OPSC~2.DOC	4.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.36	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	4.36	Y		FAA	99
AWAFRPD.DOC	4.36	Y		FAA	99
mitre 98.15.1	4.36	P		mitre	98
mitre 98.8.1	4.36	P	Flight 2000: system architecture	mitre	98
rpdadl	4.36	Y		faa	2000
rpdndi	4.36	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	4.36	P	Program will address service providers performance and workload (this will be improtant to display design)	faa	2000
rpdavw	4.36	Y		faa	2000
rpdavf	4.36	P		faa	2000
99OPSC~2.DOC	4.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.37	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.37	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.38	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADSBRPD.DOC	4.38	E		FAA	99
RWYRDP.Doc	4.38	P	departure and arrival planning	FAA	99
TFMRPD~1.DOC	4.38	P		FAA	99
TA_EE_~1.DOC	4.38	P	engine noise may impact departure and arrival routes and procedures	FAA	99
99OPSC~2.DOC	4.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.38	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	4.38	E		mitre	98
mitre 98.9.2	4.38	E		mitre	98
mitre 98.9.1	4.38	E		mitre	98
mitre 98.8.4	4.38	E		mitre	98
mitre 98.15.1	4.38	P		mitre	98
mitre 98.8.1	4.38	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.38	P	Program studies FMS/GPS/RNAVI route structures in terminal areas	mitre	98
mitre 98.7.1	4.38	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.2.1.3.1	4.38	P	planning services involve sequencing of arrivals	mitre	98
TMA	4.38	P		NASA	
P-FAST	4.38	P		NASA	

Program Name	Requirement	Rating	Notes		
AFAST	4.38	P		NASA	
EDP	4.38	Y		NASA	
rpdtfm	4.38	P		faa	2000
rpdenr	4.38	P	departure and arrival planning involve sequencing	faa	2000
rpdndi	4.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.38	P	departure and arrival planning	faa	2000
rpdads	4.38	E		faa	2000
rpdtea	4.38	E		faa	2000
mitre 98.7.2	4.39	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.39	E		FAA	99
MMRPD99.DOC	4.39	E		FAA	99
SMARPD.doc	4.39	E	tools for more efficient departure flows	FAA	99
RWYRDP.Doc	4.39	P	departure planning tools	FAA	99
FAARPD146	4.39	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
99OPSC~2.DOC	4.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.39	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.39	Y		FAA	99
mitre 98.5.5	4.39	E	improved departure flows using sat nav	mitre	98
mitre 98.15.1	4.39	P		mitre	98
mitre 98.8.1	4.39	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	4.39	P		mitre	98
mitre 98.7.1	4.39	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.5.1	4.39	P	sat-nav needed to improve departure flows	mitre	98
mitre 98.2.3.2	4.39	P	departure flows improved by tools … that assess in real time traffic activity	mitre	98
mitre 98.9.3	4.39	Y		mitre	98
mitre 98.9.2	4.39	Y		mitre	98
mitre 98.9.1	4.39	Y		mitre	98
mitre 98.8.4	4.39	Y		mitre	98
mitre 98.7.4	4.39	Y	program examines RNAV,GPS, and FMS routes	mitre	98
FF COM	4.39	P		NASA	
EDP	4.39	Y		NASA	
faa rpd146	4.39	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
rpdadl	4.39	E		faa	2000
rpdasc	4.39	E		faa	2000
rpdtfm	4.39	Y		faa	2000
rpdndi	4.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.39	P	departure planning tools	faa	2000
rpdads	4.39	Y		faa	2000
rpdtea	4.39	E		faa	2000
mitre 98.7.1	4.4*	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
ADLRPD7D.DOC	4.40*	E		FAA	99
SMARPD.doc	4.40*	E	tools for more efficient arrival flows	FAA	99
RWYRDP.Doc	4.40*	P	arrival planning tools	FAA	99
FAARPD146	4.40*	P		FAA	99
99OPSC~2.DOC	4.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.40*	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.40*	Y		FAA	99
mitre 98.9.3	4.40*	E		mitre	98
mitre 98.9.2	4.40*	E		mitre	98
mitre 98.9.1	4.40*	E		mitre	98
mitre 98.2.1.3.1	4.40*	E	tools improve arrival flows	mitre	98
mitre 98.8.1	4.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	4.40*	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.7.2	4.40*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.8.4	4.40*	Y		mitre	98
mitre 98.7.4	4.40*	Y	program examines RNAV,GPS, and FMS routes	mitre	98
AFAST	4.40*	P		NASA	
TMA	4.40*	Y		NASA	
P-FAST	4.40*	Y		NASA	
faa rpd146	4.40*	P		faa	2000
rpdadl	4.40*	E		faa	2000
rpdtfm	4.40*	Y		faa	2000
rpdenr	4.40*	P	improved arrival flows through tools	faa	2000
rpdndi	4.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.40*	P	arrival planning tools	faa	2000
rpdads	4.40*	Y		faa	2000
rpdnav	4.40*	Y	program tools allow improved arrival flows	faa	2000
mitre 98.7.2	4.41	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
TFMRPD~1.DOC	4.41	E		FAA	99
FAARPD146	4.41	P		FAA	99
99OPSC~2.DOC	4.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.41	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.41	P		mitre	98
mitre 98.8.1	4.41	P	Flight 2000: system architecture	mitre	98
AFAST	4.41	P		NASA	
NSAT	4.41	P		NASA	
faa rpd146	4.41	P		faa	2000
rpdtfm	4.41	P		faa	2000
rpdndi	4.41	P	program deals with high level NAS operational concepts, fewe	faa	2000
CAP	4.42	P	user runway assignment preference included in assignment process	NASA	
mitre 98.7.2	4.42	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADSBRPD.DOC	4.42	E		FAA	99
MMRPD99.DOC	4.42	E		FAA	99
ADLRPD7D.DOC	4.42	P		FAA	99
FAARPD146	4.42	P		FAA	99
99OPSC~2.DOC	4.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.42	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	4.42	E		mitre	98
mitre 98.9.2	4.42	E		mitre	98
mitre 98.9.1	4.42	E		mitre	98
mitre 98.8.4	4.42	E		mitre	98
mitre 98.2.1.3.1	4.42	E	user runway preference accounted for optimal assignment	mitre	98
mitre 98.15.1	4.42	P		mitre	98
mitre 98.8.1	4.42	P	Flight 2000: system architecture	mitre	98
mitre 98.7.1	4.42	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
AFAST	4.42	E		NASA	
EDP	4.42	E		NASA	
NSAT	4.42	P		NASA	
faa rpd146	4.42	P		faa	2000
rpdadl	4.42	P		faa	2000
rpdasc	4.42	E		faa	2000
rpdtfm	4.42	P		faa	2000
rpdndi	4.42	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.42	E		faa	2000
rpdtea	4.42	E		faa	2000
mitre 98.7.2	4.43	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
HF99RPD4.DOC	4.43	P	Program will address decision support systems	FAA	99
MMRPD99.DOC	4.43	P		FAA	99

Program Name	Requirement	Rating	Notes		
RWYRDP.Doc	4.43	P	runway incursion avoidance can be included in decision support systems	FAA	99
TFMRPD~1.DOC	4.43	P		FAA	99
99OPSC~2.DOC	4.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.43	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.43	Y		FAA	99
mitre 98.15.1	4.43	P		mitre	98
mitre 98.12.5	4.43	P		mitre	98
mitre 98.8.1	4.43	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	4.43	P		mitre	98
mitre 98.7.1	4.43	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.9.3	4.43	Y		mitre	98
mitre 98.9.2	4.43	Y		mitre	98
mitre 98.9.1	4.43	Y		mitre	98
mitre 98.8.4	4.43	Y		mitre	98
TMA	4.43	Y		NASA	
P-FAST	4.43	Y		NASA	
AFAST	4.43	Y		NASA	
rpdasc	4.43	P		faa	2000
rpdtfm	4.43	P		faa	2000
rpdndi	4.43	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.43	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdads	4.43	Y		faa	2000
rpdhf	4.43	P	Program will address decision support systems	faa	2000
mitre 98.7.2	4.44	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.44	E		FAA	99
AND620.DOC	4.44	E		FAA	99
MMRPD99.DOC	4.44	E		FAA	99
HF99RPD4.DOC	4.44	P	Advisories to service provider will impact the provider's situational awarness. Situational awarness is one of the focuses of this RPD.	FAA	99
TFMRPD~1.DOC	4.44	P		FAA	99
99OPSC~2.DOC	4.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.44	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.44	Y		FAA	99
mitre 98.2.1.3.1	4.44	E	tools advise flights maneuvering into arrival sequence	mitre	98
mitre 98.15.1	4.44	P		mitre	98
mitre 98.8.1	4.44	P	Flight 2000: system architecture	mitre	98
mitre 98.7.1	4.44	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.5.4	4.44	P	tools provide aid in final approach	mitre	98
mitre 98.5.3	4.44	P	tools provide aid in final approach	mitre	98
mitre 98.5.2	4.44	P	tools provide aid in final approach	mitre	98
mitre 98.9.3	4.44	P		mitre	98
mitre 98.9.2	4.44	P		mitre	98
mitre 98.9.1	4.44	P		mitre	98
mitre 98.8.4	4.44	Y		mitre	98
TMA	4.44	P		NASA	
P-FAST	4.44	P		NASA	
AFAST	4.44	Y		NASA	
rpdadl	4.44	E		faa	2000
rpdasc	4.44	E		faa	2000
rpdtfm	4.44	P		faa	2000
rpdndi	4.44	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.44	E		faa	2000
rpdads	4.44	Y		faa	2000
rpdhf	4.44	P	Advisories to service provider will impact the provider's situational awarness. Situational awarness is one of the focuses of this RPD.	faa	2000

Program Name	Requirement	Rating	Notes		
mitre 98.7.2	4.45	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.45	E		FAA	99
ADSBRPD.DOC	4.45	E		FAA	99
AND620.DOC	4.45	P		FAA	99
HF99RPD4.DOC	4.45	P	This requirment will effect pilot or controller workload. Workload is a focus of thes RPD.	FAA	99
TFMRPD~1.DOC	4.45	P		FAA	99
99OPSC~2.DOC	4.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.45	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.4	4.45	E		mitre	98
mitre 98.15.1	4.45	P		mitre	98
mitre 98.9.3	4.45	P		mitre	98
mitre 98.9.2	4.45	P		mitre	98
mitre 98.9.1	4.45	P		mitre	98
mitre 98.8.1	4.45	P	Flight 2000: system architecture	mitre	98
AFAST	4.45	E		NASA	
rpdadl	4.45	E		faa	2000
rpdndi	4.45	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.45	P		faa	2000
rpdads	4.45	E		faa	2000
rpdhf	4.45	P	This requirment will effect pilot or controller workload. Workload is a focus of thes RPD.	faa	2000
mitre 98.7.2	4.46	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.46	E		FAA	99
MMRPD99.DOC	4.46	E		FAA	99
HF99RPD4.DOC	4.46	P	Program will address the human factors of decision support systems	FAA	99
RWYRDP.Doc	4.46	P	runway incursion avoidance can be included in decision support systems	FAA	99
FAARPD146	4.46	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	FAA	99
99OPSC~2.DOC	4.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.46	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.46	Y		FAA	99
TFMRPD~1.DOC	4.46	Y		FAA	99
mitre 98.1.4	4.46	E	decision support systems assist traffic flow service providers to manage arrivals and departures	mitre	98
mitre 98.15.1	4.46	P		mitre	98
mitre 98.8.1	4.46	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	4.46	P		mitre	98
mitre 98.7.1	4.46	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.9.3	4.46	Y		mitre	98
mitre 98.9.2	4.46	Y		mitre	98
mitre 98.9.1	4.46	Y		mitre	98
mitre 98.8.4	4.46	Y		mitre	98
mitre 98.2.2	4.46	Y	more decision support for arrival / departure flow management	mitre	98
mitre 98.2.1.1	4.46	Y	more decision support for arrival / departure flow management	mitre	98
EDP	4.46	P		NASA	
TMA	4.46	Y		NASA	
P-FAST	4.46	Y		NASA	
AFAST	4.46	Y		NASA	
faa rpd146	4.46	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	faa	2000
rpdadl	4.46	E		faa	2000
rpdasc	4.46	E		faa	2000
rpdtfm	4.46	Y		faa	2000
rpdenr	4.46	P	decision support for managing arrivals and departures	faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	4.46	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.46	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdads	4.46	Y		faa	2000
rpdhf	4.46	P	Program will address the human factors of decision support systems	faa	2000
rpdtea	4.46	E		faa	2000
99OPSC~2.DOC	4.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.47	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.47	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.48	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.48	E		FAA	99
ADSBRPD.DOC	4.48	P		FAA	99
HF99RPD4.DOC	4.48	P	Program will address the human factors of decision support systems	FAA	99
SMARPD.doc	4.48	P	parameters to be used by the decision support tools	FAA	99
99OPSC~2.DOC	4.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.48	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	4.48	Y		FAA	99
mitre 98.15.1	4.48	P		mitre	98
mitre 98.9.3	4.48	P		mitre	98
mitre 98.9.2	4.48	P		mitre	98
mitre 98.9.1	4.48	P		mitre	98
mitre 98.8.4	4.48	P		mitre	98
mitre 98.8.1	4.48	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	4.48	P		mitre	98
mitre 98.7.1	4.48	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
AFAST	4.48	E		NASA	
EDP	4.48	E		NASA	
TMA	4.48	P		NASA	
P-FAST	4.48	P		NASA	
rpdadl	4.48	E		faa	2000
rpdtfm	4.48	Y		faa	2000
rpdndi	4.48	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.48	P		faa	2000
rpdhf	4.48	P	Program will address the human factors of decision support systems	faa	2000
rpdtea	4.48	P		faa	2000
mitre 98.7.2	4.49	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.49	E		FAA	99
MMRPD99.DOC	4.49	E		FAA	99
SMARPD.doc	4.49	E	use decision support tools to monitor traffic flows	FAA	99
ADSBRPD.DOC	4.49	P		FAA	99
HF99RPD4.DOC	4.49	P	Program will address the human factors of decision support systems	FAA	99
RWYRDP.Doc	4.49	P	runway incursion avoidance can be included in decision support systems	FAA	99
99OPSC~2.DOC	4.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.49	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	4.49	Y		FAA	99
TFMRPD~1.DOC	4.49	Y		FAA	99
mitre 98.14.1	4.49	E		mitre	98
mitre 98.15.1	4.49	P		mitre	98
mitre 98.9.3	4.49	P		mitre	98
mitre 98.9.2	4.49	P		mitre	98
mitre 98.9.1	4.49	P		mitre	98
mitre 98.8.4	4.49	P		mitre	98
mitre 98.8.1	4.49	P	Flight 2000: system architecture	mitre	98
mitre 98.7.3	4.49	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.7.1	4.49	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.2.2	4.49	P	decision support for traffic flow monitoring	mitre	98
mitre 98.2.1.1	4.49	P	decision support for traffic flow monitoring	mitre	98
AFAST	4.49	E		NASA	
EDP	4.49	E		NASA	
TMA	4.49	Y		NASA	
P-FAST	4.49	Y		NASA	
rpdadl	4.49	E		faa	2000
rpdasc	4.49	E		faa	2000
rpdtfm	4.49	Y		faa	2000
rpdndi	4.49	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.49	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdads	4.49	P		faa	2000
rpdhf	4.49	P	Program will address the human factors of decision support systems	faa	2000
rpdavw	4.49	Y		faa	2000
rpdtea	4.49	E		faa	2000
ADLRPD7D.DOC	4.50*	E		FAA	99
MMRPD99.DOC	4.50*	E		FAA	99
ADSBRPD.DOC	4.50*	P		FAA	99
HF99RPD4.DOC	4.50*	P	Program will address the human factors of decision support systems	FAA	99
RWYRDP.Doc	4.50*	P	information availability decreases runway incursions	FAA	99
99OPSC~2.DOC	4.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.50*	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	4.50*	Y		FAA	99
TFMRPD~1.DOC	4.50*	Y		FAA	99
mitre 98.8.4	4.50*	P		mitre	98
mitre 98.8.1	4.50*	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.50*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.1	4.50*	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.9.3	4.50*	Y		mitre	98
mitre 98.9.2	4.50*	Y		mitre	98
mitre 98.9.1	4.50*	Y		mitre	98
AFAST	4.50*	E		NASA	
EDP	4.50*	P		NASA	
TMA	4.50*	Y		NASA	
P-FAST	4.50*	Y		NASA	
rpdadl	4.50*	E		faa	2000
rpdasc	4.50*	E		faa	2000
rpdtfm	4.50*	Y		faa	2000
rpdenr	4.50*	E	decision support for identifying airport congestion	faa	2000
rpdndi	4.50*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdrun	4.50*	P	information availability decreases runway incursions	faa	2000
rpdads	4.50*	P		faa	2000
rpdhf	4.50*	P	Program will address the human factors of decision support systems	faa	2000
rpdavw	4.50*	Y		faa	2000
rpdtea	4.50*	E		faa	2000
99OPSC~2.DOC	4.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.51	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.51	P		mitre	98
mitre 98.8.1	4.51	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.52	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.52	E		FAA	99
MMRPD99.DOC	4.52	E		FAA	99
HF99RPD4.DOC	4.52	P		FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	4.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.52	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	4.52	Y		FAA	99
TFMRPD~1.DOC	4.52	Y		FAA	99
mitre 98.12.5	4.52	E		mitre	98
mitre 98.15.1	4.52	P		mitre	98
mitre 98.8.1	4.52	P	Flight 2000: system architecture	mitre	98
mitre 98.7.1	4.52	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
AFAST	4.52	E		NASA	
EDP	4.52	E		NASA	
rpdadl	4.52	E		faa	2000
rpdasc	4.52	E		faa	2000
rpdtfm	4.52	P		faa	2000
rpdndi	4.52	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	4.52	P		faa	2000
rpdavw	4.52	Y		faa	2000
rpdtea	4.52	E		faa	2000
mitre 98.7.2	4.53	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.53	E		FAA	99
HF99RPD4.DOC	4.53	P		FAA	99
99OPSC~2.DOC	4.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.53	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	4.53	Y		FAA	99
TFMRPD~1.DOC	4.53	Y		FAA	99
mitre 98.10.1	4.53	E		mitre	98
mitre 98.15.1	4.53	P		mitre	98
mitre 98.8.1	4.53	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	4.53	P	NAS-wide info system allows distant weather info for traffic flow management	mitre	98
mitre 98.2.1.1	4.53	P	NAS-wide info system allows distant weather info for traffic flow management	mitre	98
rpdadl	4.53	E		faa	2000
rpdtfm	4.53	P		faa	2000
rpdndi	4.53	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	4.53	P		faa	2000
rpdavw	4.53	Y		faa	2000
mitre 98.7.2	4.54	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADSBRPD.DOC	4.54	E		FAA	99
MMRPD99.DOC	4.54	E		FAA	99
ADLRPD7D.DOC	4.54	P		FAA	99
HF99RPD4.DOC	4.54	P		FAA	99
99OPSC~2.DOC	4.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.54	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	4.54	Y		FAA	99
mitre 98.14.1	4.54	E		mitre	98
mitre 98.12.4	4.54	E		mitre	98
mitre 98.10.1	4.54	E		mitre	98
mitre 98.9.3	4.54	E		mitre	98
mitre 98.9.2	4.54	E		mitre	98
mitre 98.9.1	4.54	E		mitre	98
mitre 98.8.4	4.54	E		mitre	98
mitre 98.15.1	4.54	P		mitre	98
mitre 98.8.1	4.54	P	Flight 2000: system architecture	mitre	98
rpdadl	4.54	P		faa	2000
rpdasc	4.54	E		faa	2000
rpdtfm	4.54	P		faa	2000
rpdndi	4.54	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.54	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdhf	4.54	P		faa	2000
mitre 98.7.2	4.55	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADSBRPD.DOC	4.55	E		FAA	99
MMRPD99.DOC	4.55	E		FAA	99
FAARPD146	4.55	P		FAA	99
99OPSC~2.DOC	4.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.55	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	4.55	E		mitre	98
mitre 98.9.2	4.55	E		mitre	98
mitre 98.9.1	4.55	E		mitre	98
mitre 98.8.4	4.55	E		mitre	98
mitre 98.7.1	4.55	E		mitre	98
mitre 98.2.1.3.1	4.55	E	arrival queues planned for least disruption	mitre	98
mitre 98.15.1	4.55	P		mitre	98
mitre 98.8.1	4.55	P	Flight 2000: system architecture	mitre	98
EDP	4.55	E		NASA	
TMA	4.55	P		NASA	
P-FAST	4.55	P		NASA	
AFAST	4.55	P		NASA	
faa rpd146	4.55	P		faa	2000
rpdasc	4.55	E		faa	2000
rpdtfm	4.55	P		faa	2000
rpdndi	4.55	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.55	E		faa	2000
rpdtea	4.55	E		faa	2000
mitre 98.7.2	4.56	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.56	E		FAA	99
MMRPD99.DOC	4.56	E		FAA	99
99OPSC~2.DOC	4.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.56	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.5	4.56	E		mitre	98
mitre 98.7.1	4.56	E		mitre	98
mitre 98.15.1	4.56	P		mitre	98
mitre 98.8.1	4.56	P	Flight 2000: system architecture	mitre	98
AFAST	4.56	E		NASA	
EDP	4.56	E		NASA	
rpdadl	4.56	E		faa	2000
rpdasc	4.56	E		faa	2000
rpdtfm	4.56	P		faa	2000
rpdenr	4.56	Y	arrival and departure service providers provide info about NAS	faa	2000
rpdndi	4.56	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtea	4.56	E		faa	2000
mitre 98.7.2	4.57	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADLRPD7D.DOC	4.57	E		FAA	99
MMRPD99.DOC	4.57	E		FAA	99
ADSBRPD.DOC	4.57	P		FAA	99
99OPSC~2.DOC	4.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.57	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	4.57	Y		FAA	99
mitre 98.11.1	4.57	E		mitre	98
mitre 98.7.1	4.57	E		mitre	98
mitre 98.15.1	4.57	P		mitre	98
mitre 98.9.3	4.57	P		mitre	98
mitre 98.9.2	4.57	P		mitre	98
mitre 98.9.1	4.57	P		mitre	98
mitre 98.8.4	4.57	P		mitre	98
mitre 98.8.1	4.57	P	Flight 2000: system architecture	mitre	98
TMA	4.57	E		NASA	

Program Name	Requirement	Rating	Notes		
P-FAST	4.57	E		NASA	
AFAST	4.57	E		NASA	
EDP	4.57	E		NASA	
rpdadl	4.57	E		faa	2000
rpdasc	4.57	E		faa	2000
rpdtfm	4.57	Y		faa	2000
rpdndi	4.57	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.57	P		faa	2000
mitre 98.7.2	4.58	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
MMRPD99.DOC	4.58	E		FAA	99
ADSBRPD.DOC	4.58	P		FAA	99
99OPSC~2.DOC	4.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.58	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	4.58	Y		FAA	99
mitre 98.7.1	4.58	E		mitre	98
mitre 98.15.1	4.58	P		mitre	98
mitre 98.9.3	4.58	P		mitre	98
mitre 98.9.2	4.58	P		mitre	98
mitre 98.9.1	4.58	P		mitre	98
mitre 98.8.4	4.58	P		mitre	98
mitre 98.8.1	4.58	P	Flight 2000: system architecture	mitre	98
TMA	4.58	E		NASA	
P-FAST	4.58	E		NASA	
rpdasc	4.58	E		faa	2000
rpdtfm	4.58	P		faa	2000
rpdndi	4.58	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.58	P		faa	2000
CAP	4.58	E	providers and national traffic management solicit user input concerning flow constraints	NASA	
mitre 98.7.2	4.59	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdndi	4.59	P	program deals with high level NAS operational concepts, fewe	faa	2000
99OPSC~2.DOC	4.60*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.60*	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.60*	Y		FAA	99
mitre 98.9.3	4.60*	E		mitre	98
mitre 98.9.2	4.60*	E		mitre	98
mitre 98.9.1	4.60*	E		mitre	98
mitre 98.8.1	4.60*	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.60*	P	program examines GPS routes	mitre	98
mitre 98.7.2	4.60*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.8.4	4.60*	Y		mitre	98
mitre 98.5.5	4.60*	Y	ground based nav systems transition to space based	mitre	98
mitre 98.5.1	4.60*	Y	ground-based nav systems move to sat-based	mitre	98
FF COM	4.60*	P	study addresses satellite com (including navigation)	NASA	
rpdndi	4.60*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.60*	Y		faa	2000
rpdnav	4.60*	Y	satellite navigation transition	faa	2000
mitre 98.7.2	4.61	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
99OPSC~2.DOC	4.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.61	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.61	Y		FAA	99
mitre 98.5.1	4.61	E	sat navigation allows more flexible routes	mitre	98
mitre 98.15.1	4.61	P		mitre	98
mitre 98.8.1	4.61	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.61	P	program examines GPS routes	mitre	98
mitre 98.9.3	4.61	Y		mitre	98
mitre 98.9.2	4.61	Y		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.1	4.61	Y		mitre	98
mitre 98.8.4	4.61	Y		mitre	98
mitre 98.5.5	4.61	Y	satellite nav allows more flexible routes	mitre	98
FF COM	4.61	P	study addresses satellite com (including navigation)	NASA	
rpdndi	4.61	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.61	Y		faa	2000
rpdnav	4.61	Y	satellite navigation transition	faa	2000
mitre 98.7.2	4.62	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
ADSBRPD.DOC	4.62	P		FAA	99
99OPSC~2.DOC	4.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.62	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.5.4	4.62	E	ground approach systems supplemented by space systems	mitre	98
mitre 98.5.3	4.62	E	ground approach systems supplemented by space systems	mitre	98
mitre 98.5.2	4.62	E	ground approach systems supplemented by space systems	mitre	98
mitre 98.15.1	4.62	P		mitre	98
mitre 98.9.3	4.62	P		mitre	98
mitre 98.9.2	4.62	P		mitre	98
mitre 98.9.1	4.62	P		mitre	98
mitre 98.8.4	4.62	P		mitre	98
mitre 98.8.1	4.62	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.62	P	program examines GPS routes	mitre	98
mitre 98.7.1	4.62	P		mitre	98
mitre 98.5.5	4.62	P	satellite-based approach guidance	mitre	98
FF COM	4.62	P	study addresses satellite com (including navigation)	NASA	
rpdndi	4.62	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.62	P		faa	2000
rpdnav	4.62	Y	satellite navigation transition	faa	2000
mitre 98.7.2	4.63	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
AND620.DOC	4.63	E		FAA	99
MMRPD99.DOC	4.63	E		FAA	99
ADSBRPD.DOC	4.63	P		FAA	99
99OPSC~2.DOC	4.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.63	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.5	4.63	E		mitre	98
mitre 98.15.1	4.63	P		mitre	98
mitre 98.8.4	4.63	P		mitre	98
mitre 98.8.1	4.63	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.63	P	program examines GPS routes	mitre	98
mitre 98.7.1	4.63	P		mitre	98
mitre 98.9.3	4.63	P		mitre	98
mitre 98.9.2	4.63	P		mitre	98
mitre 98.9.1	4.63	P		mitre	98
mitre 98.1.1	4.63	P	augmentation systems have more accuracy for approaches	mitre	98
mitre 98.5.4	4.63	Y	augmentation systems needed for precision approaches	mitre	98
mitre 98.5.3	4.63	Y	augmentation systems needed for precision approaches	mitre	98
mitre 98.5.2	4.63	Y	augmentation systems needed for precision approaches	mitre	98
rpdasc	4.63	E		faa	2000
rpdndi	4.63	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.63	E		faa	2000
rpdads	4.63	P		faa	2000
rpdnav	4.63	Y	augmentation systems for precision approaches	faa	2000
mitre 98.7.2	4.64	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
AWAFRPD.DOC	4.64	E		FAA	99
MMRPD99.DOC	4.64	E		FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	4.64	P		FAA	99
99OPSC~2.DOC	4.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.64	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.64	P		mitre	98
mitre 98.9.3	4.64	P		mitre	98
mitre 98.9.2	4.64	P		mitre	98
mitre 98.9.1	4.64	P		mitre	98
mitre 98.8.4	4.64	P		mitre	98
mitre 98.8.1	4.64	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	4.64	P	program examines GPS routes	mitre	98
mitre 98.7.1	4.64	P		mitre	98
mitre 98.5.4	4.64	Y	augmentation systems allow more precision approaches at more locations	mitre	98
mitre 98.5.3	4.64	Y	augmentation systems allow more precision approaches at more locations	mitre	98
mitre 98.5.2	4.64	Y	augmentation systems allow more precision approaches at more locations	mitre	98
rpdasc	4.64	E		faa	2000
rpdndi	4.64	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	4.64	P		faa	2000
rpdnav	4.64	Y	augmentation systems for precision approaches	faa	2000
rpdavw	4.64	E		faa	2000
mitre 98.7.2	4.65	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
99OPSC~2.DOC	4.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.65	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.65	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	4.66	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
AND620.DOC	4.66	E		FAA	99
MMRPD99.DOC	4.66	E		FAA	99
ADLRPD7D.DOC	4.66	P		FAA	99
99OPSC~2.DOC	4.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.66	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	4.66	Y		FAA	99
mitre 98.9.3	4.66	E		mitre	98
mitre 98.9.2	4.66	E		mitre	98
mitre 98.9.1	4.66	E		mitre	98
mitre 98.15.1	4.66	P		mitre	98
mitre 98.8.1	4.66	P	Flight 2000: system architecture	mitre	98
mitre 98.7.1	4.66	P		mitre	98
mitre 98.1.1	4.66	P	automated support for finding adherence to selected flight profiles	mitre	98
mitre 98.8.4	4.66	Y		mitre	98
mitre 98.7.4	4.66	Y	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.5.1	4.66	Y	equip more aircraft with advanced nav systems	mitre	98
AFAST	4.66	E		NASA	
EDP	4.66	P		NASA	
rpdadl	4.66	P		faa	2000
rpdasc	4.66	E		faa	2000
rpdndi	4.66	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	4.66	E		faa	2000
rpdads	4.66	Y		faa	2000
APATH	4.66	Y	flexible departure routes possible; more aircraft with advanced nav systems	NASA	
mitre 98.7.2	4.67	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
99OPSC~2.DOC	4.67	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.67	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	4.67	P	Flight 2000: system architecture	mitre	98
APATH	4.68	Y	advance coordination of planned departure routes during pre-flight	NASA	

Program Name	Requirement	Rating	Notes		
mitre 98.7.2	4.68	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
MMRPD99.DOC	4.68	E		FAA	99
99OPSC~2.DOC	4.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.68	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	4.68	P		mitre	98
mitre 98.8.1	4.68	P	Flight 2000: system architecture	mitre	98
mitre 98.7.1	4.68	P		mitre	98
mitre 98.1.1	4.68	P	coordinated advanced planning for departure routes	mitre	98
EDP	4.68	P		NASA	
rpdasc	4.68	E		faa	2000
rpdndi	4.68	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	5.1	E		FAA	99
AND620.DOC	5.1	E		FAA	99
MMRPD99.DOC	5.1	E		FAA	99
ADSBRPD.DOC	5.1	P		FAA	99
99OPSC~2.DOC	5.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.1	Y	This is the RPD for the 2005 Conops	FAA	99
navrpd2.doc	5.1	Y	Objective 5 explicitly - other implicityl	FAA	99
mitre 98.11.1	5.1	E		mitre	98
mitre 98.6.2	5.1	E	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.9.3	5.1	P		mitre	98
mitre 98.9.2	5.1	P		mitre	98
mitre 98.9.1	5.1	P		mitre	98
mitre 98.8.4	5.1	P		mitre	98
mitre 98.8.1	5.1	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	5.1	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.3.5	5.1	Y	en route airspace unconstrained by communications and computer systems; no need for aircraft to fly between FAA navaid paths	mitre	98
mitre 98.3.4	5.1	Y	en route airspace unconstrained by communications and computer systems; no need for aircraft to fly between FAA navaid paths	mitre	98
mitre 98.1.3	5.1	Y	eliminate required routes defined by FAA	mitre	98
rpdadl	5.1	E		faa	2000
rpdasc	5.1	E		faa	2000
rpdenr	5.1	Y	program tools will allow unconstrained airspace structures and	faa	2000
rpdndi	5.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.1	E		faa	2000
rpdads	5.1	P		faa	2000
EDA	5.1	P	EDA helps airspace structures and boundary restrictions be unconstrained	NASA	
APATH	5.1	Y	APATH allows unconstrained en route airspace structures and boundary restrictions	NASA	
ADLRPD7D.DOC	5.2	E		FAA	99
AND620.DOC	5.2	E		FAA	99
MMRPD99.DOC	5.2	E		FAA	99
ADSBRPD.DOC	5.2	P		FAA	99
HF99RPD4.DOC	5.2	P	program addresses decision support systems with respect to users	FAA	99
99OPSC~2.DOC	5.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.2	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	5.2	Y		FAA	99
mitre 98.9.3	5.2	P		mitre	98
mitre 98.9.2	5.2	P		mitre	98
mitre 98.9.1	5.2	P		mitre	98
mitre 98.8.4	5.2	P		mitre	98
mitre 98.8.1	5.2	P	Flight 2000: system architecture	mitre	98
mitre 98.3.2	5.2	P	improved decision support for conflict detection/resolution	mitre	98
mitre 98.3.1	5.2	P	improved decision support for conflict detection/resolution	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.1.2	5.2	P	improved decision support tools for conflict management	mitre	98
mitre 98.3.5	5.2	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.2	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.3	5.2	Y	improved decision support for conflict detection/resolution	mitre	98
mitre 98.2.3.2	5.2	Y	improved decision support tools for conflict detection and resolution	mitre	98
mitre 98.1.3	5.2	Y	improved decision support, enabling user-preferred routes	mitre	98
CPTP	5.2	Y		NASA	
rpdadl	5.2	E		faa	2000
rpdasc	5.2	E		faa	2000
rpdtfm	5.2	P		faa	2000
rpdenr	5.2	Y	improved decision support tools for conflict detection, resoluti	faa	2000
rpdndi	5.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.2	E		faa	2000
rpdads	5.2	P		faa	2000
rpdhf	5.2	P	program addresses decision support systems with respect to users	faa	2000
rpdavw	5.2	Y		faa	2000
EDA	5.2	Y	improved decision support for conflicts	NASA	
APATH	5.2	Y	APATH is a decision support tool for flow management	NASA	
MMRPD99.DOC	5.3	E		FAA	99
navrpd2.doc	5.3	E	LAAS reference is foundation - extend to address decent profiles	FAA	99
99OPSC~2.DOC	5.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.3	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.1.3	5.3	E	optimal descent profiles for traffic	mitre	98
mitre 98.8.1	5.3	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.3	Y	ATM vision for en route/cruise	mitre	98
CPTP	5.3	P		NASA	
rpdasc	5.3	E		faa	2000
rpdndi	5.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdnav	5.3	E	program tools allow more optimum approaches	faa	2000
EDA	5.3	Y	optimum descent profiles	NASA	
ADLRPD7D.DOC	5.4	E		FAA	99
ADLRPD7D.DOC	5.4	E		FAA	99
MMRPD99.DOC	5.4	E		FAA	99
ADSBRPD.DOC	5.4	P		FAA	99
AWAFRPD.DOC	5.4	P		FAA	99
99OPSC~2.DOC	5.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.4	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.11.1	5.4	P		mitre	98
mitre 98.9.3	5.4	P		mitre	98
mitre 98.9.2	5.4	P		mitre	98
mitre 98.9.1	5.4	P		mitre	98
mitre 98.8.4	5.4	P		mitre	98
mitre 98.8.1	5.4	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.4	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.4	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.2.3.2	5.4	Y	tools for frequent evaluation of airspace structure	mitre	98
mitre 98.2.2	5.4	Y	traffic flows accomodated by adjustments to sector boundaries	mitre	98
mitre 98.2.1.1	5.4	Y	traffic flows accomodated by adjustments to sector boundaries	mitre	98
CPTP	5.4	P		NASA	
rpdadl	5.4	E		faa	2000
rpdadl	5.4	E		faa	2000
rpdasc	5.4	E		faa	2000
rpdtfm	5.4	P		faa	2000
rpdndi	5.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.4	P		faa	2000
rpdavw	5.4	P		faa	2000

Program Name	Requirement	Rating	Notes		
MMRPD99.DOC	5.5	E		FAA	99
ADLRPD7D.DOC	5.5	P		FAA	99
99OPSC~2.DOC	5.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.5	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.11.1	5.5	E		mitre	98
mitre 98.8.1	5.5	P	Flight 2000: system architecture	mitre	98
mitre 98.2.3.3	5.5	P	automated coordination within and between facilities	mitre	98
mitre 98.3.5	5.5	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.5	Y	communications for ATM vision for en route/cruise	mitre	98
mitre 98.1.2	5.5	Y	automated coordination and communication reduce boundary restrictions	mitre	98
rpdadl	5.5	P		faa	2000
rpdasc	5.5	E		faa	2000
rpdvos	5.5	Y		faa	2000
rpdndi	5.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
EDA	5.5	Y	EDA automation enables airspace structure flexibility and reduced boundary restrictions	NASA	
MMRPD99.DOC	5.6.1	E		FAA	99
99OPSC~2.DOC	5.6.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.6.1	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.6.1	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	5.6.1	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.3.5	5.6.1	Y	ATM vision for en route/cruise	mitre	98
mitre 98.1.3	5.6.1	Y	structured routes are exception	mitre	98
APATH	5.6.1	Y	APATH allows non-structured route system	NASA	
rpdasc	5.6.1	E		faa	2000
rpdndi	5.6.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdenr	5.6.1.	P	program tools can help make structured routes the exception	faa	2000
ADLRPD7D.DOC	5.6.2	E		FAA	99
MMRPD99.DOC	5.6.2	E		FAA	99
99OPSC~2.DOC	5.6.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.6.2	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.11.1	5.6.2	E		mitre	98
mitre 98.12.5	5.6.2	P		mitre	98
mitre 98.8.1	5.6.2	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	5.6.2	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.1.3	5.6.2	P	demand and capacity conflicts resolved	mitre	98
mitre 98.3.5	5.6.2	Y	ATM vision for en route/cruise	mitre	98
rpdadl	5.6.2	E		faa	2000
rpdasc	5.6.2	E		faa	2000
rpdndi	5.6.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	5.7	E		FAA	99
AND620.DOC	5.7	E		FAA	99
MMRPD99.DOC	5.7	P		FAA	99
99OPSC~2.DOC	5.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.7	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	5.7	Y		FAA	99
navrpd2.doc	5.7	Y		FAA	99
mitre 98.12.5	5.7	P		mitre	98
mitre 98.8.1	5.7	P	Flight 2000: system architecture	mitre	98
mitre 98.5.5	5.7	P	aircraft broadcast position determined from sat nav systems	mitre	98
mitre 98.1.3	5.7	P	radar and sat-derived position data for all aircraft in system	mitre	98
mitre 98.9.3	5.7	Y		mitre	98
mitre 98.9.2	5.7	Y		mitre	98
mitre 98.9.1	5.7	Y		mitre	98
mitre 98.8.4	5.7	Y		mitre	98
mitre 98.3.5	5.7	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.7	Y	surveillance for ATM vision for en route/cruise	mitre	98
FF COM	5.7	P	study addresses satellite com (including navigation)	NASA	

Program Name	Requirement	Rating	Notes		
rpdadl	5.7	E		faa	2000
rpdndi	5.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.7	E		faa	2000
rpdads	5.7	Y		faa	2000
ADLRPD7D.DOC	5.8	P		FAA	99
99OPSC~2.DOC	5.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.8	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	5.8	Y		FAA	99
mitre 98.10.1	5.8	E		mitre	98
mitre 98.3.4	5.8	E	NAS wide info system must be created	mitre	98
mitre 98.1.3	5.8	E	NAS-wide info system continually updated	mitre	98
mitre 98.12.5	5.8	P		mitre	98
mitre 98.8.1	5.8	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	5.8	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.9.3	5.8	Y		mitre	98
mitre 98.9.2	5.8	Y		mitre	98
mitre 98.9.1	5.8	Y		mitre	98
mitre 98.8.4	5.8	Y		mitre	98
mitre 98.3.5	5.8	Y	ATM vision for en route/cruise	mitre	98
mitre 98.1.2	5.8	Y	NAS-wide info system continually updated	mitre	98
CPTP	5.8	P		NASA	
rpdadl	5.8	P		faa	2000
rpdndi	5.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.8	Y		faa	2000
MMRPD99.DOC	5.9.1	E		FAA	99
99OPSC~2.DOC	5.9.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.9.1	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.9.1	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.9.1	Y	ATM vision for en route/cruise	mitre	98
rpdasc	5.9.1	E		faa	2000
rpdndi	5.9.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	5.9.2	E		FAA	99
AWAFRPD.DOC	5.9.2	E		FAA	99
ADSBRPD.DOC	5.9.2	P		FAA	99
HF99RPD4.DOC	5.9.2	P	New display design will require human factors research	FAA	99
99OPSC~2.DOC	5.9.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.9.2	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.9.2	Y		FAA	99
mitre 98.8.4	5.9.2	P		mitre	98
mitre 98.8.1	5.9.2	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.9.2	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.9.2	Y	displays for ATM vision for en route/cruise	mitre	98
rpdadl	5.9.2	E		faa	2000
rpdtfm	5.9.2	P		faa	2000
rpdndi	5.9.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.9.2	P		faa	2000
rpdhf	5.9.2	P	New display design will require human factors research	faa	2000
rpdavw	5.9.2	E		faa	2000
mitre 98.1.3	5.10	P	decision support systems provide safer, more efficient solutions	mitre	98
ADLRPD7D.DOC	5.10*	E		FAA	99
AND620.DOC	5.10*	E		FAA	99
AWAFRPD.DOC	5.10*	E		FAA	99
MMRPD99.DOC	5.10*	E		FAA	99
ADSBRPD.DOC	5.10*	P		FAA	99
HF99RPD4.DOC	5.10*	P	program addresses decision support systems with respect to users	FAA	99
99OPSC~2.DOC	5.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.10*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.10*	Y		FAA	99
mitre 98.9.3	5.10*	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	5.10*	E		mitre	98
mitre 98.9.1	5.10*	E		mitre	98
mitre 98.8.4	5.10*	P		mitre	98
mitre 98.8.1	5.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.3.2	5.10*	P	conflict probe helps create traffic solutions	mitre	98
mitre 98.3.1	5.10*	P	conflict probe helps create traffic solutions	mitre	98
mitre 98.3.5	5.10*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.10*	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.3	5.10*	Y	conflict probe helps create traffic solutions	mitre	98
mitre 98.2.3.2	5.10*	Y	decision support systems such as conflict probe help create traffic solutions	mitre	98
CPTP	5.10*	Y		NASA	
EDA	5.10*	Y	EDA is a decision support system for safe and effective traffic solutions	NASA	
rpdadl	5.10*	E		faa	2000
rpdasc	5.10*	E		faa	2000
rpdtfm	5.10*	Y		faa	2000
rpdenr	5.10*	Y	conflict probe helps develop traffic solutions	faa	2000
rpdndi	5.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.10*	E		faa	2000
rpdads	5.10*	P		faa	2000
rpdhf	5.10*	P	program addresses decision support systems with respect to users	faa	2000
rpdavw	5.10*	E		faa	2000
EDA	5.11	Y	decision support allows routes with most favorable winds	NASA	
APATH	5.11	Y	decision support allows more aircraft to operate on routes with most favorable winds	NASA	
AND620.DOC	5.11	E		FAA	99
MMRPD99.DOC	5.11	E		FAA	99
AWAFRPD.DOC	5.11	P		FAA	99
HF99RPD4.DOC	5.11	P	program addresses decision support systems with respect to users	FAA	99
99OPSC~2.DOC	5.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.11	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	5.11	E		mitre	98
mitre 98.9.2	5.11	E		mitre	98
mitre 98.9.1	5.11	E		mitre	98
mitre 98.8.1	5.11	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	5.11	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.3.5	5.11	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.11	Y	decision support for ATM vision for en route/cruise	mitre	98
CPTP	5.11	Y		NASA	
rpdasc	5.11	E		faa	2000
rpdtfm	5.11	P		faa	2000
rpdenr	5.11	Y	decision support allow aircraft routes with most favorable winc	faa	2000
rpdndi	5.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.11	E		faa	2000
rpdhf	5.11	P	program addresses decision support systems with respect to users	faa	2000
rpdavw	5.11	P		faa	2000
AND620.DOC	5.12	E		FAA	99
ADLRPD7D.DOC	5.12	P		FAA	99
99OPSC~2.DOC	5.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.12	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	5.12	Y		FAA	99
navrpd2.doc	5.12	Y		FAA	99
mitre 98.12.5	5.12	P		mitre	98
mitre 98.8.1	5.12	P	Flight 2000: system architecture	mitre	98
mitre 98.1.2	5.12	P	enroute surveillance through radar, beacons, aircraft broadcasts	mitre	98
mitre 98.9.3	5.12	Y		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	5.12	Y		mitre	98
mitre 98.9.1	5.12	Y		mitre	98
mitre 98.8.4	5.12	Y		mitre	98
mitre 98.3.5	5.12	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.12	Y	surveillance for ATM vision for en route/cruise	mitre	98
rpdadl	5.12	P		faa	2000
rpdndi	5.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.12	E		faa	2000
rpdads	5.12	Y		faa	2000
ADLRPD7D.DOC	5.13	E		FAA	99
AND620.DOC	5.13	E		FAA	99
TFMRPD~1.DOC	5.13	E		FAA	99
99OPSC~2.DOC	5.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.13	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	5.13	Y		FAA	99
mitre 98.5.4	5.13	E	surveillance of aircraft by more forms of position data	mitre	98
mitre 98.5.3	5.13	E	surveillance of aircraft by more forms of position data	mitre	98
mitre 98.5.2	5.13	E	surveillance of aircraft by more forms of position data	mitre	98
mitre 98.12.5	5.13	P		mitre	98
mitre 98.8.1	5.13	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	5.13	Y		mitre	98
mitre 98.9.2	5.13	Y		mitre	98
mitre 98.9.1	5.13	Y		mitre	98
mitre 98.8.4	5.13	Y		mitre	98
mitre 98.3.5	5.13	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.13	Y	surveillance for ATM vision for en route/cruise	mitre	98
rpdadl	5.13	E		faa	2000
rpdndi	5.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.13	E		faa	2000
rpdads	5.13	Y		faa	2000
rpdnav	5.13	Y	more position data means more surveillance	faa	2000
AND620.DOC	5.14	E		FAA	99
navrpd2.doc	5.14	E	Assess proprotion of traffic that can use Satellite based services	FAA	99
99OPSC~2.DOC	5.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.14	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	5.14	Y		FAA	99
ADSBRPD.DOC	5.14	Y		FAA	99
mitre 98.12.5	5.14	E		mitre	98
mitre 98.8.1	5.14	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	5.14	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	5.14	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.9.3	5.14	P		mitre	98
mitre 98.9.2	5.14	P		mitre	98
mitre 98.9.1	5.14	P		mitre	98
mitre 98.8.4	5.14	Y		mitre	98
mitre 98.5.5	5.14	Y	more aircraft equipped with sat nav	mitre	98
mitre 98.5.1	5.14	Y	equip more aircraft with sat-based nav	mitre	98
mitre 98.3.5	5.14	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.14	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.2.3.1	5.14	Y	more aircraft are equipped with digital comm	mitre	98
FF COM	5.14	P	study addresses satellite com (including navigation)	NASA	
rpdadl	5.14	Y		faa	2000
rpdndi	5.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.14	E		faa	2000
rpdads	5.14	Y		faa	2000
rpdnav	5.14	Y	satellite navigation transition	faa	2000
AND620.DOC	5.15	E		FAA	99
TFMRPD~1.DOC	5.15	E		FAA	99

Program Name	Requirement	Rating	Notes		
HF99RPD4.DOC	5.15	P	program addresses decision support systems with respect to users	FAA	99
99OPSC~2.DOC	5.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.15	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	5.15	Y		FAA	99
ADSBRPD.DOC	5.15	Y		FAA	99
mitre 98.8.1	5.15	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	5.15	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.1.2	5.15	P	more data improves accuracy of trajectory predictions	mitre	98
mitre 98.9.3	5.15	P		mitre	98
mitre 98.9.2	5.15	P		mitre	98
mitre 98.9.1	5.15	P		mitre	98
mitre 98.8.4	5.15	Y		mitre	98
mitre 98.3.5	5.15	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.15	Y	decision support for ATM vision for en route/cruise	mitre	98
rpdadl	5.15	Y		faa	2000
rpdtfm	5.15	P		faa	2000
rpdenr	5.15	E	more pilot intent and aircraft performance into decision suppo	faa	2000
rpdndi	5.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.15	E		faa	2000
rpdads	5.15	Y		faa	2000
rpdhf	5.15	P	program addresses decision support systems with respect to users	faa	2000
APATH	5.15	P	additional pilot intent and aircraft performance are provided to decision support systems	NASA	
99OPSC~2.DOC	5.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.16	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.16	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	5.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.17	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.17	P	Flight 2000: system architecture	mitre	98
EDA	5.18	P	EDA allows user-preferred trajectories	NASA	
MMRPD99.DOC	5.18	E		FAA	99
navrpd2.doc	5.18	E	Quality of positional data interrelated with satellite improvements	FAA	99
ADLRPD7D.DOC	5.18	P		FAA	99
AND620.DOC	5.18	P		FAA	99
99OPSC~2.DOC	5.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.18	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	5.18	Y		FAA	99
mitre 98.12.5	5.18	E		mitre	98
mitre 98.5.4	5.18	E	quality of position data determines separation standards	mitre	98
mitre 98.5.3	5.18	E	quality of position data determines separation standards	mitre	98
mitre 98.5.2	5.18	E	quality of position data determines separation standards	mitre	98
mitre 98.8.1	5.18	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	5.18	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.9.3	5.18	P		mitre	98
mitre 98.9.2	5.18	P		mitre	98
mitre 98.9.1	5.18	P		mitre	98
mitre 98.8.4	5.18	Y		mitre	98
mitre 98.3.5	5.18	Y	ATM vision for en route/cruise	mitre	98
mitre 98.1.3	5.18	Y	aircraft operate on user-preferred routes	mitre	98
mitre 98.1.2	5.18	Y	separation standards depend on position accuracy	mitre	98
rpdadl	5.18	P		faa	2000
rpdasc	5.18	E		faa	2000
rpdtfm	5.18	P		faa	2000
rpdndi	5.18	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.18	P		faa	2000
rpdads	5.18	Y		faa	2000
rpdndi	5.19	P	program deals with high level NAS operational concepts, fewe	faa	2000

Program Name	Requirement	Rating	Notes		
mitre 98.1.3	5.20	Y	current route structure replaced by global grid of named locations	mitre	98
ADSBRPD.DOC	5.20*	P		FAA	99
99OPSC~2.DOC	5.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.20*	Y	This is the RPD for the 2005 Conops	FAA	99
navrpd2.doc	5.20*	Y	Satellite navigation allows global grid of named locations	FAA	99
mitre 98.11.1	5.20*	E		mitre	98
mitre 98.9.3	5.20*	E		mitre	98
mitre 98.9.2	5.20*	E		mitre	98
mitre 98.9.1	5.20*	E		mitre	98
mitre 98.8.4	5.20*	P		mitre	98
mitre 98.8.1	5.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	5.20*	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.5.5	5.20*	Y	sat nav allows route structure transition to grid of named locations	mitre	98
mitre 98.5.1	5.20*	Y	ground-based nav systems move to sat-based	mitre	98
mitre 98.3.5	5.20*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.20*	Y	operational concept ATM vision for en route/cruise	mitre	98
FF COM	5.20*	P	study addresses satellite com (including navigation)	NASA	
rpdndi	5.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.20*	P		faa	2000
rpdnav	5.20*	Y	satellite navigation transition	faa	2000
99OPSC~2.DOC	5.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.21	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.21	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	5.22	E		FAA	99
MMRPD99.DOC	5.22	E		FAA	99
TFMRPD~1.DOC	5.22	E		FAA	99
ADSBRPD.DOC	5.22	P		FAA	99
99OPSC~2.DOC	5.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.22	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.5	5.22	E		mitre	98
mitre 98.9.3	5.22	P		mitre	98
mitre 98.9.2	5.22	P		mitre	98
mitre 98.9.1	5.22	P		mitre	98
mitre 98.8.4	5.22	P		mitre	98
mitre 98.8.1	5.22	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	5.22	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.3.5	5.22	Y	ATM vision for en route/cruise	mitre	98
rpdadl	5.22	E		faa	2000
rpdasc	5.22	E		faa	2000
rpdtfm	5.22	P		faa	2000
rpdndi	5.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.22	P		faa	2000
TFMRPD~1.DOC	5.23	E		FAA	99
ADLRPD7D.DOC	5.23	P		FAA	99
99OPSC~2.DOC	5.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.23	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	5.23	E		mitre	98
mitre 98.8.1	5.23	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	5.23	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.3.5	5.23	Y	ATM vision for en route/cruise	mitre	98
rpdadl	5.23	P		faa	2000
rpdtfm	5.23	P		faa	2000
rpdndi	5.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
TFMRPD~1.DOC	5.24	P		FAA	99
99OPSC~2.DOC	5.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.24	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	5.24	Y		FAA	99
mitre 98.8.1	5.24	P	Flight 2000: system architecture	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.6.3	5.24	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	5.24	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.3.5	5.24	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.24	Y	communications for ATM vision for en route/cruise	mitre	98
mitre 98.2.3.1	5.24	Y	complementary digital comm enable datalinking of routine messages	mitre	98
rpdadl	5.24	Y		faa	2000
rpdndi	5.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	5.25	E		FAA	99
HF99RPD4.DOC	5.25	P	Program will examine workload. This is strongly related to automation.	FAA	99
99OPSC~2.DOC	5.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.25	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	5.25	Y		FAA	99
TFMRPD~1.DOC	5.25	Y		FAA	99
mitre 98.8.1	5.25	P	Flight 2000: system architecture	mitre	98
mitre 98.2.3.3	5.25	P	automated coordination reduces time spent on routine tasks	mitre	98
mitre 98.9.3	5.25	Y		mitre	98
mitre 98.9.2	5.25	Y		mitre	98
mitre 98.9.1	5.25	Y		mitre	98
mitre 98.8.4	5.25	Y		mitre	98
mitre 98.3.5	5.25	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.25	Y	operational concept ATM vision for en route/cruise	mitre	98
rpdadl	5.25	E		faa	2000
rpdndi	5.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.25	Y		faa	2000
rpdhf	5.25	P	Program will examine workload. This is strongly related to automation.	faa	2000
99OPSC~2.DOC	5.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.26	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	5.26	Y		FAA	99
AWAFRPD.DOC	5.26	Y		FAA	99
mitre 98.2.3.1	5.26	E	weather data through automation and request-reply	mitre	98
mitre 98.8.1	5.26	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	5.26	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.3.5	5.26	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.26	Y	operational concept ATM vision for en route/cruise	mitre	98
rpdadl	5.26	Y		faa	2000
rpdndi	5.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	5.26	Y		faa	2000
ADLRPD7D.DOC	5.27	P		FAA	99
TFMRPD~1.DOC	5.27	P		FAA	99
99OPSC~2.DOC	5.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.27	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	5.27	Y		FAA	99
mitre 98.8.1	5.27	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.27	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.27	Y	operational concept ATM vision for en route/cruise	mitre	98
rpdadl	5.27	P		faa	2000
rpdndi	5.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	5.27	Y		faa	2000
ADLRPD7D.DOC	5.28	P		FAA	99
TFMRPD~1.DOC	5.28	P		FAA	99
99OPSC~2.DOC	5.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.28	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	5.28	Y		FAA	99
mitre 98.8.1	5.28	P	Flight 2000: system architecture	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.3.5	5.28	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.28	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.2.3.2	5.28	Y	weather data distributed to decision support systems for processing and presentation	mitre	98
rpdadl	5.28	P		faa	2000
rpdenr	5.28	E	weather distribution to decision support	faa	2000
rpdndi	5.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	5.28	Y		faa	2000
99OPSC~2.DOC	5.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.29	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.29	P	Flight 2000: system architecture	mitre	98
mitre 98.1.2	5.30	Y	increased decision support results in improved separation assurance	mitre	98
AND620.DOC	5.30*	E		FAA	99
ADSBRPD.DOC	5.30*	P		FAA	99
HF99RPD4.DOC	5.30*	P	program addresses decision support systems with respect to users	FAA	99
99OPSC~2.DOC	5.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.30*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.30*	Y		FAA	99
mitre 98.3.3	5.30*	E	increased decision support allows improved en route separation assurance	mitre	98
mitre 98.3.2	5.30*	E	increased decision support allows improved en route separation assurance	mitre	98
mitre 98.3.1	5.30*	E	increased decision support allows improved en route separation assurance	mitre	98
mitre 98.9.3	5.30*	P		mitre	98
mitre 98.9.2	5.30*	P		mitre	98
mitre 98.9.1	5.30*	P		mitre	98
mitre 98.8.4	5.30*	P		mitre	98
mitre 98.8.1	5.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.30*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.30*	Y	decision support for ATM vision for en route/cruise	mitre	98
APATH	5.30*	E	decision support allows significant improvement in en route separation	NASA	
CPTP	5.30*	Y		NASA	
EDA	5.30*	Y	EDA is a decision support system for en route separation assurance	NASA	
rpdtfm	5.30*	P		faa	2000
rpdndi	5.30*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.30*	E		faa	2000
rpdads	5.30*	P		faa	2000
rpdhf	5.30*	P	program addresses decision support systems with respect to users	faa	2000
AND620.DOC	5.31	E		FAA	99
ADSBRPD.DOC	5.31	P		FAA	99
HF99RPD4.DOC	5.31	P	program addresses decision support systems with respect to users	FAA	99
99OPSC~2.DOC	5.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.31	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.31	Y		FAA	99
mitre 98.9.3	5.31	P		mitre	98
mitre 98.9.2	5.31	P		mitre	98
mitre 98.9.1	5.31	P		mitre	98
mitre 98.8.4	5.31	P		mitre	98
mitre 98.8.1	5.31	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.31	Y	ATM vision for en route/cruise	mitre	98
rpdndi	5.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.31	E		faa	2000
rpdads	5.31	P		faa	2000
rpdhf	5.31	P	program addresses decision support systems with respect to users	faa	2000

Program Name	Requirement	Rating	Notes		
ADLRPD7D.DOC	5.32	P		FAA	99
ADSBRPD.DOC	5.32	P		FAA	99
HF99RPD4.DOC	5.32	P	program addresses pilot and controller workload in free flight conditions	FAA	99
99OPSC~2.DOC	5.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.32	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	5.32	Y		FAA	99
TFMRPD~1.DOC	5.32	Y		FAA	99
mitre 98.9.3	5.32	P		mitre	98
mitre 98.9.2	5.32	P		mitre	98
mitre 98.9.1	5.32	P		mitre	98
mitre 98.8.4	5.32	P		mitre	98
mitre 98.8.1	5.32	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.32	Y	ATM vision for en route/cruise	mitre	98
rpdadl	5.32	P		faa	2000
rpdndi	5.32	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.32	P		faa	2000
rpdhf	5.32	P	program addresses pilot and controller workload in free flight conditions	faa	2000
rpdavw	5.32	Y		faa	2000
ADLRPD7D.DOC	5.33	P		FAA	99
HF99RPD4.DOC	5.33	P		FAA	99
99OPSC~2.DOC	5.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.33	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	5.33	Y		FAA	99
TFMRPD~1.DOC	5.33	Y		FAA	99
mitre 98.8.1	5.33	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.33	Y	ATM vision for en route/cruise	mitre	98
rpdadl	5.33	P		faa	2000
rpdndi	5.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	5.33	P		faa	2000
rpdavw	5.33	Y		faa	2000
ADLRPD7D.DOC	5.34	P		FAA	99
ADSBRPD.DOC	5.34	P		FAA	99
HF99RPD4.DOC	5.34	P		FAA	99
99OPSC~2.DOC	5.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.34	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.34	Y		FAA	99
mitre 98.9.3	5.34	P		mitre	98
mitre 98.9.2	5.34	P		mitre	98
mitre 98.9.1	5.34	P		mitre	98
mitre 98.8.4	5.34	P		mitre	98
mitre 98.8.1	5.34	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.34	Y	ATM vision for en route/cruise	mitre	98
mitre 98.1.2	5.34	Y	service providers issue instructions for separation	mitre	98
rpdadl	5.34	P		faa	2000
rpdndi	5.34	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.34	P		faa	2000
rpdhf	5.34	P		faa	2000
EDA	5.34	E	service providers continue to maintain separation	NASA	
EDA	5.35	Y	decision support assists in conflict detection and resolutions	NASA	
APATH	5.35	Y	decision support assists in conflict detection and resolution	NASA	
ADLRPD7D.DOC	5.35	E		FAA	99
ADSBRPD.DOC	5.35	P		FAA	99
HF99RPD4.DOC	5.35	P	program addresses decision support systems with respect to users	FAA	99
99OPSC~2.DOC	5.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.35	Y	This is the RPD for the 2005 Conops	FAA	99
AND620.DOC	5.35	Y		FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	5.35	Y		FAA	99
mitre 98.9.3	5.35	P		mitre	98
mitre 98.9.2	5.35	P		mitre	98
mitre 98.9.1	5.35	P		mitre	98
mitre 98.8.4	5.35	P		mitre	98
mitre 98.8.1	5.35	P	Flight 2000: system architecture	mitre	98
mitre 98.3.2	5.35	P	decision support assist in conflict detection/resolution	mitre	98
mitre 98.3.1	5.35	P	decision support assist in conflict detection/resolution	mitre	98
mitre 98.3.5	5.35	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.35	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.3	5.35	Y	decision support assist in conflict detection/resolution	mitre	98
mitre 98.2.3.2	5.35	Y	decision support assist in conflict detection and conflict resolution	mitre	98
rpdadl	5.35	E		faa	2000
rpdtfm	5.35	Y		faa	2000
rpdenr	5.35	Y	decision support for conflict detection / resolution	faa	2000
rpdndi	5.35	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.35	Y		faa	2000
rpdads	5.35	P		faa	2000
rpdhf	5.35	P	program addresses decision support systems with respect to users	faa	2000
99OPSC~2.DOC	5.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.36	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.36	Y		FAA	99
mitre 98.8.1	5.36	P	Flight 2000: system architecture	mitre	98
EDA	5.37	Y	EDA improves provider's ability to identify conflicts	NASA	
APATH	5.37	Y	early conflict identification allows user to fly proposed trajectory with higher frequency	NASA	
AND620.DOC	5.37	E		FAA	99
ADSBRPD.DOC	5.37	P		FAA	99
HF99RPD4.DOC	5.37	P	program addresses pilot and controller workload in free flight conditions	FAA	99
99OPSC~2.DOC	5.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.37	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.37	Y		FAA	99
mitre 98.9.3	5.37	P		mitre	98
mitre 98.9.2	5.37	P		mitre	98
mitre 98.9.1	5.37	P		mitre	98
mitre 98.8.4	5.37	P		mitre	98
mitre 98.8.1	5.37	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.37	Y	ATM vision for en route/cruise	mitre	98
mitre 98.1.3	5.37	Y	improved conflict identification allows user to fly proposed trajectory more often	mitre	98
CPTP	5.37	P		NASA	
rpdtfm	5.37	P		faa	2000
rpdenr	5.37	Y	improve service providers' conflict identification	faa	2000
rpdndi	5.37	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.37	E		faa	2000
rpdads	5.37	P		faa	2000
rpdhf	5.37	P	program addresses pilot and controller workload in free flight conditions	faa	2000
ADLRPD7D.DOC	5.38	P		FAA	99
HF99RPD4.DOC	5.38	P	program addresses decision support systems with respect to users	FAA	99
99OPSC~2.DOC	5.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.38	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.38	Y		FAA	99
mitre 98.10.1	5.38	E		mitre	98
mitre 98.8.1	5.38	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.38	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.38	Y	decision support for ATM vision for en route/cruise	mitre	98

Program Name	Requirement	Rating	Notes		
CPTP	5.38	P		NASA	
rpdadl	5.38	P		faa	2000
rpdtfm	5.38	P		faa	2000
rpdndi	5.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	5.38	P	program addresses decision support systems with respect to users	faa	2000
rpdtea	5.38	E		faa	2000
ADLRPD7D.DOC	5.39	P		FAA	99
ADSBRPD.DOC	5.39	P		FAA	99
99OPSC~2.DOC	5.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.39	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.39	Y		FAA	99
mitre 98.10.1	5.39	E		mitre	98
mitre 98.9.3	5.39	P		mitre	98
mitre 98.9.2	5.39	P		mitre	98
mitre 98.9.1	5.39	P		mitre	98
mitre 98.8.4	5.39	P		mitre	98
mitre 98.8.1	5.39	P	Flight 2000: system architecture	mitre	98
mitre 98.3.4	5.39	P	NAS wide info system must be created	mitre	98
mitre 98.1.2	5.39	P	flight data available for all flights via NAS	mitre	98
mitre 98.3.5	5.39	Y	ATM vision for en route/cruise	mitre	98
rpdadl	5.39	P		faa	2000
rpdndi	5.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.39	P		faa	2000
99OPSC~2.DOC	5.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.40*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.40*	Y	ATM vision for en route/cruise	mitre	98
rpdndi	5.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
navrpd2.doc	5.41	E	depends on satellite derived positions	FAA	99
99OPSC~2.DOC	5.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.41	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	5.41	Y		FAA	99
ADSBRPD.DOC	5.41	Y		FAA	99
TFMRPD~1.DOC	5.41	Y		FAA	99
mitre 98.12.5	5.41	E		mitre	98
mitre 98.10.1	5.41	E		mitre	98
mitre 98.8.1	5.41	P	Flight 2000: system architecture	mitre	98
mitre 98.5.5	5.41	P	aircraft broadcast position determined from sat nav systems	mitre	98
mitre 98.9.3	5.41	Y		mitre	98
mitre 98.9.2	5.41	Y		mitre	98
mitre 98.9.1	5.41	Y		mitre	98
mitre 98.8.4	5.41	Y		mitre	98
mitre 98.3.5	5.41	Y	ATM vision for en route/cruise	mitre	98
FF COM	5.41	P	study addresses satellite com (including navigation)	NASA	
rpdadl	5.41	Y		faa	2000
rpdndi	5.41	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.41	Y		faa	2000
rpdnav	5.41	Y	satellite navigation transition	faa	2000
EDA	5.42	Y	service providers continue to maintain separation	NASA	
ADSBRPD.DOC	5.42	P		FAA	99
HF99RPD4.DOC	5.42	P	program addresses pilot and controller workload in free flight conditions	FAA	99
99OPSC~2.DOC	5.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.42	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.42	Y		FAA	99
mitre 98.9.3	5.42	P		mitre	98
mitre 98.9.2	5.42	P		mitre	98
mitre 98.9.1	5.42	P		mitre	98
mitre 98.8.4	5.42	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.1	5.42	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.42	Y	ATM vision for en route/cruise	mitre	98
rpdtfm	5.42	P		faa	2000
rpdndi	5.42	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.42	P		faa	2000
rpdhf	5.42	P	program addresses pilot and controller workload in free flight conditions	faa	2000
ADLRPD7D.DOC	5.43	E		FAA	99
MMRPD99.DOC	5.43	E		FAA	99
ADSBRPD.DOC	5.43	P		FAA	99
99OPSC~2.DOC	5.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.43	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.43	Y		FAA	99
mitre 98.9.3	5.43	P		mitre	98
mitre 98.9.2	5.43	P		mitre	98
mitre 98.9.1	5.43	P		mitre	98
mitre 98.8.4	5.43	P		mitre	98
mitre 98.8.1	5.43	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.43	Y	ATM vision for en route/cruise	mitre	98
rpdadl	5.43	E		faa	2000
rpdasc	5.43	E		faa	2000
rpdtfm	5.43	P		faa	2000
rpdndi	5.43	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.43	P		faa	2000
TFMRPD~1.DOC	5.44	P		FAA	99
99OPSC~2.DOC	5.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.44	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.44	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	5.45	E		FAA	99
AND620.DOC	5.45	E		FAA	99
ADSBRPD.DOC	5.45	P		FAA	99
HF99RPD4.DOC	5.45	P		FAA	99
TFMRPD~1.DOC	5.45	P		FAA	99
99OPSC~2.DOC	5.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.45	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	5.45	P		mitre	98
mitre 98.9.2	5.45	P		mitre	98
mitre 98.9.1	5.45	P		mitre	98
mitre 98.8.4	5.45	P		mitre	98
mitre 98.8.1	5.45	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.45	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.45	Y	operational concept ATM vision for en route/cruise	mitre	98
rpdadl	5.45	E		faa	2000
rpdtfm	5.45	P		faa	2000
rpdenr	5.45	E	aircraft to aircraft conflict detection tools	faa	2000
rpdndi	5.45	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	5.45	E		faa	2000
rpdads	5.45	P		faa	2000
rpdhf	5.45	P		faa	2000
ADLRPD7D.DOC	5.46	E		FAA	99
MMRPD99.DOC	5.46	E		FAA	99
HF99RPD4.DOC	5.46	P	program addresses decision support systems with respect to users	FAA	99
TFMRPD~1.DOC	5.46	P		FAA	99
99OPSC~2.DOC	5.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.46	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.2.3.3	5.46	E	decision support help service providers and users collaborate with SUA restrictions	mitre	98
mitre 98.8.1	5.46	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.46	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.46	Y	decision support for ATM vision for en route/cruise	mitre	98

Program Name	Requirement	Rating	Notes		
CPTP	5.46	P		NASA	
rpdadl	5.46	E		faa	2000
rpdasc	5.46	E		faa	2000
rpdtfm	5.46	P		faa	2000
rpdndi	5.46	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	5.46	P	program addresses decision support systems with respect to users	faa	2000
AWAFRPD.DOC	5.47	E		FAA	99
HF99RPD4.DOC	5.47	P	program addresses pilot and controller workload in free flight conditions	FAA	99
99OPSC~2.DOC	5.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.47	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.47	Y		FAA	99
mitre 98.8.1	5.47	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.47	Y	ATM vision for en route/cruise	mitre	98
rpdtfm	5.47	P		faa	2000
rpdndi	5.47	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	5.47	P	program addresses pilot and controller workload in free flight conditions	faa	2000
rpdavw	5.47	E		faa	2000
ADLRPD7D.DOC	5.48	E		FAA	99
HF99RPD4.DOC	5.48	P		FAA	99
99OPSC~2.DOC	5.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.48	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	5.48	Y		FAA	99
TFMRPD~1.DOC	5.48	Y		FAA	99
mitre 98.10.1	5.48	E		mitre	98
mitre 98.8.1	5.48	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.48	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.48	Y	NAS wide info system must be created	mitre	98
mitre 98.2.2	5.48	Y	traffic flow service provider has access to NAS-wide info	mitre	98
mitre 98.2.1.1	5.48	Y	traffic flow service provider has access to NAS-wide info	mitre	98
rpdadl	5.48	E		faa	2000
rpdtfm	5.48	P		faa	2000
rpdndi	5.48	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	5.48	P		faa	2000
rpdavw	5.48	Y		faa	2000
ADLRPD7D.DOC	5.49	E		FAA	99
ADSBRPD.DOC	5.49	E		FAA	99
HF99RPD4.DOC	5.49	P		FAA	99
99OPSC~2.DOC	5.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.49	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.49	Y		FAA	99
mitre 98.9.3	5.49	E		mitre	98
mitre 98.9.2	5.49	E		mitre	98
mitre 98.9.1	5.49	E		mitre	98
mitre 98.8.4	5.49	E		mitre	98
mitre 98.8.1	5.49	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.49	Y	ATM vision for en route/cruise	mitre	98
mitre 98.2.2	5.49	Y	traffic flow service provider has predicted demand profile for day	mitre	98
mitre 98.2.1.1	5.49	Y	traffic flow service provider has predicted demand profile for day	mitre	98
CPTP	5.49	P		NASA	
rpdadl	5.49	E		faa	2000
rpdtfm	5.49	P		faa	2000
rpdndi	5.49	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.49	E		faa	2000
rpdhf	5.49	P		faa	2000
ADLRPD7D.DOC	5.50*	E		FAA	99
MMRPD99.DOC	5.50*	E		FAA	99

Program Name	Requirement	Rating	Notes		
AWAFRPD.DOC	5.50*	P		FAA	99
99OPSC~2.DOC	5.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.50*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.50*	Y		FAA	99
mitre 98.9.3	5.50*	P		mitre	98
mitre 98.9.2	5.50*	P		mitre	98
mitre 98.9.1	5.50*	P		mitre	98
mitre 98.8.1	5.50*	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.50*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.50*	Y	operational concept ATM vision for en route/cruise	mitre	98
CPTP	5.50*	P		NASA	
rpdadl	5.50*	E		faa	2000
rpdasc	5.50*	E		faa	2000
rpdtfm	5.50*	P		faa	2000
rpdndi	5.50*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	5.50*	P		faa	2000
MMRPD99.DOC	5.51	E		FAA	99
ADSBRPD.DOC	5.51	P		FAA	99
99OPSC~2.DOC	5.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.51	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.51	Y		FAA	99
mitre 98.9.3	5.51	P		mitre	98
mitre 98.9.2	5.51	P		mitre	98
mitre 98.9.1	5.51	P		mitre	98
mitre 98.8.4	5.51	P		mitre	98
mitre 98.8.1	5.51	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.51	Y	ATM vision for en route/cruise	mitre	98
CPTP	5.51	P		NASA	
rpdasc	5.51	E		faa	2000
rpdtfm	5.51	P		faa	2000
rpdndi	5.51	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.51	P		faa	2000
MMRPD99.DOC	5.52	E		FAA	99
AWAFRPD.DOC	5.52	P		FAA	99
TFMRPD~1.DOC	5.52	P		FAA	99
99OPSC~2.DOC	5.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.52	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.5	5.52	E		mitre	98
mitre 98.8.1	5.52	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.52	Y	ATM vision for en route/cruise	mitre	98
rpdasc	5.52	E		faa	2000
rpdtfm	5.52	P		faa	2000
rpdndi	5.52	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	5.52	P		faa	2000
ADLRPD7D.DOC	5.53	E		FAA	99
ADSBRPD.DOC	5.53	E		FAA	99
HF99RPD4.DOC	5.53	P		FAA	99
MMRPD99.DOC	5.53	P		FAA	99
99OPSC~2.DOC	5.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.53	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.53	Y		FAA	99
mitre 98.9.3	5.53	E		mitre	98
mitre 98.9.2	5.53	E		mitre	98
mitre 98.9.1	5.53	E		mitre	98
mitre 98.8.4	5.53	E		mitre	98
mitre 98.8.1	5.53	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.53	Y	ATM vision for en route/cruise	mitre	98
CPTP	5.53	P		NASA	
rpdadl	5.53	E		faa	2000
rpdasc	5.53	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtfm	5.53	P		faa	2000
rpdndi	5.53	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.53	E		faa	2000
rpdhf	5.53	P		faa	2000
99OPSC~2.DOC	5.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.54	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.54	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	5.55	E		FAA	99
HF99RPD4.DOC	5.55	P		FAA	99
99OPSC~2.DOC	5.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.55	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.55	Y		FAA	99
mitre 98.10.1	5.55	P		mitre	98
mitre 98.8.1	5.55	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.55	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.55	Y	NAS wide info system must be created	mitre	98
CPTP	5.55	P		NASA	
rpdadl	5.55	E		faa	2000
rpdtfm	5.55	P		faa	2000
rpdndi	5.55	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	5.55	P		faa	2000
ADLRPD7D.DOC	5.56	E		FAA	99
MMRPD99.DOC	5.56	E		FAA	99
ADSBRPD.DOC	5.56	P		FAA	99
99OPSC~2.DOC	5.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.56	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.56	Y		FAA	99
mitre 98.9.3	5.56	P		mitre	98
mitre 98.9.2	5.56	P		mitre	98
mitre 98.9.1	5.56	P		mitre	98
mitre 98.8.4	5.56	P		mitre	98
mitre 98.8.1	5.56	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.56	Y	ATM vision for en route/cruise	mitre	98
EDP	5.56	E		NASA	
CPTP	5.56	P		NASA	
rpdadl	5.56	E		faa	2000
rpdasc	5.56	E		faa	2000
rpdtfm	5.56	P		faa	2000
rpdndi	5.56	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.56	P		faa	2000
ADLRPD7D.DOC	5.57	E		FAA	99
AWAFRPD.DOC	5.57	E		FAA	99
ADSBRPD.DOC	5.57	P		FAA	99
HF99RPD4.DOC	5.57	P		FAA	99
99OPSC~2.DOC	5.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.57	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.57	Y		FAA	99
mitre 98.9.3	5.57	P		mitre	98
mitre 98.9.2	5.57	P		mitre	98
mitre 98.9.1	5.57	P		mitre	98
mitre 98.8.4	5.57	P		mitre	98
mitre 98.8.1	5.57	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.57	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.57	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.2.2	5.57	Y	tools used for separation assurance available for traffic flow management	mitre	98
mitre 98.2.1.1	5.57	Y	tools used for separation assurance available for traffic flow management	mitre	98
CPTP	5.57	P		NASA	
rpdadl	5.57	E		faa	2000
rpdtfm	5.57	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	5.57	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.57	P		faa	2000
rpdhf	5.57	P		faa	2000
rpdavw	5.57	E		faa	2000
MMRPD99.DOC	5.58	E		FAA	99
ADSBRPD.DOC	5.58	P		FAA	99
HF99RPD4.DOC	5.58	P		FAA	99
99OPSC~2.DOC	5.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.58	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.58	Y		FAA	99
mitre 98.9.3	5.58	P		mitre	98
mitre 98.9.2	5.58	P		mitre	98
mitre 98.9.1	5.58	P		mitre	98
mitre 98.8.4	5.58	P		mitre	98
mitre 98.8.1	5.58	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.58	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.58	Y	operational concept ATM vision for en route/cruise	mitre	98
CPTP	5.58	P		NASA	
rpdasc	5.58	E		faa	2000
rpdtfm	5.58	Y		faa	2000
rpdenr	5.58	E	probe becomes a density tool	faa	2000
rpdndi	5.58	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.58	P		faa	2000
rpdhf	5.58	P		faa	2000
AWAFRPD.DOC	5.59	E		FAA	99
MMRPD99.DOC	5.59	E		FAA	99
ADSBRPD.DOC	5.59	P		FAA	99
HF99RPD4.DOC	5.59	P		FAA	99
99OPSC~2.DOC	5.59	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.59	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.59	Y		FAA	99
mitre 98.1.2	5.59	E	work with upstream separation assurance to relieve traffic density	mitre	98
mitre 98.9.3	5.59	P		mitre	98
mitre 98.9.2	5.59	P		mitre	98
mitre 98.9.1	5.59	P		mitre	98
mitre 98.8.4	5.59	P		mitre	98
mitre 98.8.1	5.59	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.59	Y	ATM vision for en route/cruise	mitre	98
CPTP	5.59	P		NASA	
rpdasc	5.59	E		faa	2000
rpdtfm	5.59	P		faa	2000
rpdndi	5.59	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.59	P		faa	2000
rpdhf	5.59	P		faa	2000
rpdavw	5.59	E		faa	2000
AWAFRPD.DOC	5.60*	E		FAA	99
ADSBRPD.DOC	5.60*	P		FAA	99
HF99RPD4.DOC	5.60*	P		FAA	99
99OPSC~2.DOC	5.60*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.60*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.60*	Y		FAA	99
mitre 98.9.3	5.60*	E		mitre	98
mitre 98.9.2	5.60*	E		mitre	98
mitre 98.9.1	5.60*	E		mitre	98
mitre 98.8.4	5.60*	P		mitre	98
mitre 98.8.1	5.60*	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.60*	Y	ATM vision for en route/cruise	mitre	98
CPTP	5.60*	P		NASA	
FF COM	5.60*	P		NASA	

Program Name	Requirement	Rating	Notes		
rpdtfm	5.60*	P		faa	2000
rpdndi	5.60*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.60*	P		faa	2000
rpdhf	5.60*	P		faa	2000
rpdavw	5.60*	E		faa	2000
ADLRPD7D.DOC	5.61	E		FAA	99
ADSBRPD.DOC	5.61	E		FAA	99
MMRPD99.DOC	5.61	E		FAA	99
R&DMAPS2.Doc	5.61	P	improved terrain mapping may have an impact on this requirement	FAA	99
99OPSC~2.DOC	5.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.61	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.61	Y		FAA	99
mitre 98.10.1	5.61	E		mitre	98
mitre 98.9.3	5.61	E		mitre	98
mitre 98.9.2	5.61	E		mitre	98
mitre 98.9.1	5.61	E		mitre	98
mitre 98.8.4	5.61	E		mitre	98
mitre 98.1.3	5.61	E	changed in system ripple through system, ID all flights affected by change	mitre	98
mitre 98.8.1	5.61	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.61	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.61	Y	NAS wide info system must be created	mitre	98
EDP	5.61	E		NASA	
CPTP	5.61	P		NASA	
rpdadl	5.61	E		faa	2000
rpdasc	5.61	E		faa	2000
rpdtfm	5.61	P		faa	2000
rpdndi	5.61	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.61	E		faa	2000
ADLRPD7D.DOC	5.62	E		FAA	99
MMRPD99.DOC	5.62	E		FAA	99
HF99RPD4.DOC	5.62	P		FAA	99
99OPSC~2.DOC	5.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.62	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.62	Y		FAA	99
mitre 98.1.3	5.62	E	early and immediate coordination allows minimal flight adjustments	mitre	98
mitre 98.8.1	5.62	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.62	Y	ATM vision for en route/cruise	mitre	98
EDP	5.62	E		NASA	
CPTP	5.62	P		NASA	
rpdadl	5.62	E		faa	2000
rpdasc	5.62	E		faa	2000
rpdtfm	5.62	P		faa	2000
rpdndi	5.62	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	5.62	P		faa	2000
ADLRPD7D.DOC	5.63	E		FAA	99
MMRPD99.DOC	5.63	E		FAA	99
ADSBRPD.DOC	5.63	P		FAA	99
HF99RPD4.DOC	5.63	P		FAA	99
99OPSC~2.DOC	5.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.63	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.63	Y		FAA	99
mitre 98.9.3	5.63	P		mitre	98
mitre 98.9.2	5.63	P		mitre	98
mitre 98.9.1	5.63	P		mitre	98
mitre 98.8.4	5.63	P		mitre	98
mitre 98.8.1	5.63	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	5.63	P	Program develops "detailed air-ground communication system architecture"	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.3.5	5.63	Y	ATM vision for en route/cruise	mitre	98
mitre 98.2.2	5.63	Y	traffic flow service providers assist in replanning trajectories	mitre	98
mitre 98.2.1.1	5.63	Y	traffic flow service providers assist in replanning trajectories	mitre	98
EDP	5.63	E		NASA	
CPTP	5.63	P		NASA	
rpdadl	5.63	E		faa	2000
rpdasc	5.63	E		faa	2000
rpdtfm	5.63	P		faa	2000
rpdndi	5.63	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.63	P		faa	2000
rpdhf	5.63	P		faa	2000
APATH	5.63	P	providers work with pilot to replan trajectories	NASA	
ADSBRPD.DOC	5.64	E		FAA	99
TFMRPD~1.DOC	5.64	P		FAA	99
99OPSC~2.DOC	5.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.64	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	5.64	Y		FAA	99
mitre 98.9.3	5.64	E		mitre	98
mitre 98.9.2	5.64	E		mitre	98
mitre 98.9.1	5.64	E		mitre	98
mitre 98.8.4	5.64	E		mitre	98
mitre 98.8.1	5.64	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	5.64	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.3.5	5.64	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.64	Y	operational concept ATM vision for en route/cruise	mitre	98
CPTP	5.64	P		NASA	
rpdadl	5.64	Y		faa	2000
rpdtfm	5.64	P		faa	2000
rpdndi	5.64	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.64	E		faa	2000
rpdavf	5.64	P		faa	2000
99OPSC~2.DOC	5.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.65	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.65	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	5.66	E		FAA	99
ADSBRPD.DOC	5.66	E		FAA	99
AWAFRPD.DOC	5.66	E		FAA	99
MMRPD99.DOC	5.66	E		FAA	99
99OPSC~2.DOC	5.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.66	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.66	Y		FAA	99
mitre 98.10.1	5.66	E		mitre	98
mitre 98.9.3	5.66	E		mitre	98
mitre 98.9.2	5.66	E		mitre	98
mitre 98.9.1	5.66	E		mitre	98
mitre 98.8.4	5.66	E		mitre	98
mitre 98.8.1	5.66	P	Flight 2000: system architecture	mitre	98
mitre 98.3.3	5.66	P	information exchange between en route, arrival, departure decision support tools enables more coordinated traffic flows with fewer constraints	mitre	98
mitre 98.3.2	5.66	P	information exchange between en route, arrival, departure decision support tools enables more coordinated traffic flows with fewer constraints	mitre	98
mitre 98.3.1	5.66	P	information exchange between en route, arrival, departure decision support tools enables more coordinated traffic flows with fewer constraints	mitre	98
mitre 98.1.3	5.66	P	more info exchange between decision support tools allows traffic with fewer constraints	mitre	98
mitre 98.3.5	5.66	Y	ATM vision for en route/cruise	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.3.4	5.66	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.2.2	5.66	Y	increased data exchange between enroute, arrival, departure, surface decision support assists traffic flow managment	mitre	98
mitre 98.2.1.1	5.66	Y	increased data exchange between enroute, arrival, departure, surface decision support assists traffic flow managment	mitre	98
CPTP	5.66	P		NASA	
EDP	5.66	P		NASA	
rpdadl	5.66	E		faa	2000
rpdasc	5.66	E		faa	2000
rpdtfm	5.66	P		faa	2000
rpdndi	5.66	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.66	E		faa	2000
rpdavw	5.66	E		faa	2000
99OPSC~2.DOC	5.67	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.67	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.67	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	5.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.68	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.68	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	5.69	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.69	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.69	P	Flight 2000: system architecture	mitre	98
TFMRPD~1.DOC	5.70*	P		FAA	99
99OPSC~2.DOC	5.70*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.70*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	5.70*	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.70*	Y	ATM vision for en route/cruise	mitre	98
rpdtfm	5.70*	P		faa	2000
rpdndi	5.70*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdasc	5.7	P		faa	2000
ADSBRPD.DOC	5.71	E		FAA	99
MMRPD99.DOC	5.71	P		FAA	99
TFMRPD~1.DOC	5.71	P		FAA	99
99OPSC~2.DOC	5.71	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.71	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.14.1	5.71	E		mitre	98
mitre 98.11.1	5.71	E		mitre	98
mitre 98.8.4	5.71	E		mitre	98
mitre 98.9.3	5.71	E		mitre	98
mitre 98.9.2	5.71	E		mitre	98
mitre 98.9.1	5.71	E		mitre	98
mitre 98.8.1	5.71	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.71	Y	ATM vision for en route/cruise	mitre	98
mitre 98.2.2	5.71	Y	airspace frequently evaluated and adjusted to anticipated traffic flow	mitre	98
mitre 98.2.1.1	5.71	Y	airspace frequently evaluated and adjusted to anticipated traffic flow	mitre	98
rpdasc	5.71	P		faa	2000
rpdtfm	5.71	P		faa	2000
rpdndi	5.71	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	5.71	E		faa	2000
MMRPD99.DOC	5.72	P		FAA	99
99OPSC~2.DOC	5.72	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.72	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.72	Y		FAA	99
mitre 98.11.1	5.72	E		mitre	98
mitre 98.8.1	5.72	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.72	Y	ATM vision for en route/cruise	mitre	98
rpdasc	5.72	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtfm	5.72	P		faa	2000
rpdndi	5.72	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	5.73	E		FAA	99
MMRPD99.DOC	5.73	P		FAA	99
99OPSC~2.DOC	5.73	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.73	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	5.73	Y		FAA	99
mitre 98.8.1	5.73	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	5.73	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.73	Y	communications for ATM vision for en route/cruise	mitre	98
rpdadl	5.73	E		faa	2000
rpdasc	5.73	P		faa	2000
rpdtfm	5.73	P		faa	2000
rpdvos	5.73	P		faa	2000
rpdndi	5.73	P	program deals with high level NAS operational concepts, fewe	faa	2000
99OPSC~2.DOC	6.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.1	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	6.1	P	Flight 2000: system architecture	mitre	98
AWAFRPD.DOC	6.2	E		FAA	99
MMRPD99.DOC	6.2	E		FAA	99
navrpd2.doc	6.2	E	satellite navigation may allow much improvement in oceanic ops	FAA	99
AND620.DOC	6.2	P		FAA	99
99OPSC~2.DOC	6.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.2	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	6.2	Y		FAA	99
ADSBRPD.DOC	6.2	Y		FAA	99
mitre 98.11.1	6.2	E		mitre	98
mitre 98.9.3	6.2	E		mitre	98
mitre 98.9.2	6.2	E		mitre	98
mitre 98.9.1	6.2	E		mitre	98
mitre 98.4.3	6.2	E	ConOps for oceanic operations	mitre	98
mitre 98.12.5	6.2	P		mitre	98
mitre 98.8.1	6.2	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	6.2	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	6.2	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.8.4	6.2	Y		mitre	98
mitre 98.5.1	6.2	Y	navigation improvements necessary for increased capacity in oceanic airspace	mitre	98
mitre 98.4.2	6.2	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.1	6.2	Y	navigation, comm, and surveillance improvements enable enahanced oceanic capacity	mitre	98
rpdadl	6.2	Y		faa	2000
rpdasc	6.2	E		faa	2000
rpdndi	6.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.2	P		faa	2000
rpdads	6.2	Y		faa	2000
rpdavw	6.2	E		faa	2000
rpdss	6.2	E		faa	2000
AND620.DOC	6.3	E		FAA	99
MMRPD99.DOC	6.3	E		FAA	99
TFMRPD~1.DOC	6.3	P		FAA	99
99OPSC~2.DOC	6.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.3	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.3	Y		FAA	99
mitre 98.9.3	6.3	E		mitre	98
mitre 98.9.2	6.3	E		mitre	98
mitre 98.9.1	6.3	E		mitre	98
mitre 98.8.1	6.3	P	Flight 2000: system architecture	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.4	6.3	Y		mitre	98
mitre 98.4.3	6.3	Y	improved infrastructure necessary	mitre	98
rpdasc	6.3	E		faa	2000
rpdndi	6.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.3	E		faa	2000
rpdads	6.3	Y		faa	2000
rpdss	6.3	Y		faa	2000
ADLRPD7D.DOC	6.4	E		FAA	99
AND620.DOC	6.4	E		FAA	99
MMRPD99.DOC	6.4	E		FAA	99
HF99RPD4.DOC	6.4	P	Program addresses decision suppport tools	FAA	99
99OPSC~2.DOC	6.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.4	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.4	Y		FAA	99
TFMRPD~1.DOC	6.4	Y		FAA	99
mitre 98.9.3	6.4	E		mitre	98
mitre 98.9.2	6.4	E		mitre	98
mitre 98.9.1	6.4	E		mitre	98
mitre 98.4.3	6.4	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.4	P	Flight 2000: system architecture	mitre	98
mitre 98.3.2	6.4	P	automation helps solve potential conflicts	mitre	98
mitre 98.3.1	6.4	P	automation helps solve potential conflicts	mitre	98
mitre 98.8.4	6.4	Y		mitre	98
mitre 98.4.2	6.4	Y	applications of technology for oceanic flight	mitre	98
mitre 98.3.3	6.4	Y	automation helps solve potential conflicts	mitre	98
mitre 98.1.3	6.4	Y	on oceanic routes, procedures and automation will support demand for user-preferred trajectories	mitre	98
rpdadl	6.4	E		faa	2000
rpdasc	6.4	E		faa	2000
rpdndi	6.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.4	E		faa	2000
rpdads	6.4	Y		faa	2000
rpdhf	6.4	P	Program addresses decision suppport tools	faa	2000
rpdss	6.4	E		faa	2000
AND620.DOC	6.5	E		FAA	99
ADSBRPD.DOC	6.5	P		FAA	99
TFMRPD~1.DOC	6.5	P	Improvments to TFM will impact separation minima	FAA	99
99OPSC~2.DOC	6.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.5	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.4.3	6.5	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.5	P		mitre	98
mitre 98.9.2	6.5	P		mitre	98
mitre 98.9.1	6.5	P		mitre	98
mitre 98.8.4	6.5	P		mitre	98
mitre 98.8.1	6.5	P	Flight 2000: system architecture	mitre	98
rpdndi	6.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.5	E		faa	2000
rpdads	6.5	P		faa	2000
rpdss	6.5	P		faa	2000
ADSBRPD.DOC	6.6	P		FAA	99
99OPSC~2.DOC	6.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.6	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	6.6	Y		FAA	99
navrpd2.doc	6.6	Y	satellite nav allows greater position accuracy	FAA	99
TFMRPD~1.DOC	6.6	Y		FAA	99
mitre 98.12.5	6.6	E		mitre	98
mitre 98.5.5	6.6	E	sat nav allows more accurate position data	mitre	98
mitre 98.4.3	6.6	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.6	P		mitre	98
mitre 98.9.2	6.6	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.1	6.6	P		mitre	98
mitre 98.8.4	6.6	P		mitre	98
mitre 98.8.1	6.6	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	6.6	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	6.6	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	6.6	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	6.6	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.5.1	6.6	Y	sat nav needed to allow more accurate position updates	mitre	98
mitre 98.4.2	6.6	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.1	6.6	Y	datalink and expanded radio coverage provide air-ground comm	mitre	98
mitre 98.2.3.1	6.6	Y	datalink allows more frequent traffic position updates; datalink and expanded radio coverage allow air-to-ground comm	mitre	98
rpdadl	6.6	Y		faa	2000
rpdndi	6.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.6	P		faa	2000
MMRPD99.DOC	6.7	E		FAA	99
navrpd2.doc	6.7	E	real time position data could be provided by sats	FAA	99
ADLRPD7D.DOC	6.7	P		FAA	99
99OPSC~2.DOC	6.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.7	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.7	Y		FAA	99
TFMRPD~1.DOC	6.7	Y		FAA	99
mitre 98.4.3	6.7	E	ConOps for oceanic operations	mitre	98
mitre 98.12.5	6.7	P		mitre	98
mitre 98.8.1	6.7	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	6.7	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.9.3	6.7	Y		mitre	98
mitre 98.9.2	6.7	Y		mitre	98
mitre 98.9.1	6.7	Y		mitre	98
mitre 98.8.4	6.7	Y		mitre	98
mitre 98.4.2	6.7	Y	applications of technology for oceanic flight	mitre	98
rpdadl	6.7	P		faa	2000
rpdasc	6.7	E		faa	2000
rpdndi	6.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.7	Y		faa	2000
rpdss	6.7	E		faa	2000
99OPSC~2.DOC	6.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.8	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	6.8	Y		FAA	99
TFMRPD~1.DOC	6.8	Y		FAA	99
mitre 98.4.3	6.8	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.8	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	6.8	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	6.8	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.4.2	6.8	Y	applications of technology for oceanic flight	mitre	98
rpdadl	6.8	Y		faa	2000
rpdndi	6.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavf	6.8	P		faa	2000
ADLRPD7D.DOC	6.9	E		FAA	99
MMRPD99.DOC	6.9	E		FAA	99
ADSBRPD.DOC	6.9	P		FAA	99
99OPSC~2.DOC	6.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.9	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	6.9	Y		FAA	99
mitre 98.11.1	6.9	E		mitre	98
mitre 98.4.3	6.9	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.9	P		mitre	98
mitre 98.9.2	6.9	P		mitre	98
mitre 98.9.1	6.9	P		mitre	98
mitre 98.8.4	6.9	P		mitre	98
mitre 98.8.1	6.9	P	Flight 2000: system architecture	mitre	98
mitre 98.7.4	6.9	P		mitre	98
mitre 98.2.3.3	6.9	P	seamless coordination within and between facilities allows oceanic route flexibility	mitre	98
mitre 98.1.3	6.9	Y	oceanic route flexibility achieved through seamless coordination of facilities	mitre	98
rpdadl	6.9	E		faa	2000
rpdasc	6.9	E		faa	2000
rpdndi	6.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.9	P		faa	2000
ADLRPD7D.DOC	6.10*	E		FAA	99
ADSBRPD.DOC	6.10*	P		FAA	99
99OPSC~2.DOC	6.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.10*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.10*	Y		FAA	99
mitre 98.12.1	6.10*	E		mitre	98
mitre 98.10.1	6.10*	E		mitre	98
mitre 98.9.3	6.10*	E		mitre	98
mitre 98.9.2	6.10*	E		mitre	98
mitre 98.9.1	6.10*	E		mitre	98
mitre 98.11.1	6.10*	P		mitre	98
mitre 98.8.4	6.10*	P		mitre	98
mitre 98.8.1	6.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.4.3	6.10*	Y	NAS Oceanic airspace standardized to other NAS-ICAO oceanic systems	mitre	98
mitre 98.4.2	6.10*	Y	applications of technology for oceanic flight	mitre	98
rpdadl	6.10*	E		faa	2000
rpdndi	6.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.10*	P		faa	2000
rpdss	6.10*	P		faa	2000
99OPSC~2.DOC	6.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.11	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	6.11	P	Flight 2000: system architecture	mitre	98
AND620.DOC	6.12	E		FAA	99
MMRPD99.DOC	6.12	E		FAA	99
ADSBRPD.DOC	6.12	P		FAA	99
99OPSC~2.DOC	6.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.12	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.4.3	6.12	E	ConOps for oceanic operations	mitre	98
mitre 98.11.1	6.12	P		mitre	98
mitre 98.9.3	6.12	P		mitre	98
mitre 98.9.2	6.12	P		mitre	98
mitre 98.9.1	6.12	P		mitre	98
mitre 98.8.4	6.12	P		mitre	98
mitre 98.8.1	6.12	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	6.12	P	reduced separation minima/dynamic route structures allow user preferred flight profile	mitre	98
mitre 98.1.3	6.12	Y	oceanic route preferred flight profiles helped by reduced separation minima and dynamic route structures	mitre	98
rpdasc	6.12	E		faa	2000
rpdndi	6.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.12	E		faa	2000
rpdads	6.12	P		faa	2000
rpdss	6.12	E		faa	2000

Program Name	Requirement	Rating	Notes		
MMRPD99.DOC	6.13	E		FAA	99
TFMRPD~1.DOC	6.13	P		FAA	99
99OPSC~2.DOC	6.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.13	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.13	Y		FAA	99
navrpd2.doc	6.13	Y	sats provide better position accuracy, allowing lower separation constraints	FAA	99
mitre 98.5.1	6.13	E	aircraft navigate using global sat system for oceanic ops	mitre	98
mitre 98.4.3	6.13	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.13	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	6.13	Y		mitre	98
mitre 98.9.2	6.13	Y		mitre	98
mitre 98.9.1	6.13	Y		mitre	98
mitre 98.8.4	6.13	Y		mitre	98
mitre 98.5.5	6.13	Y	global satellite nav system with improved accuracy for oceanic travel	mitre	98
mitre 98.4.2	6.13	Y	applications of technology for oceanic flight	mitre	98
FF COM	6.13	P	study addresses satellite com (including navigation)	NASA	
rpdasc	6.13	E		faa	2000
rpdndi	6.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.13	Y		faa	2000
rpdss	6.13	E		faa	2000
AWAFRPD.DOC	6.14	E		FAA	99
MMRPD99.DOC	6.14	E		FAA	99
ADLRPD7D.DOC	6.14	P		FAA	99
HF99RPD4.DOC	6.14	P		FAA	99
99OPSC~2.DOC	6.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.14	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.14	Y		FAA	99
TFMRPD~1.DOC	6.14	Y		FAA	99
mitre 98.4.3	6.14	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.14	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	6.14	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	6.14	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.2.3.1	6.14	P	oceanic system will use sat-based comm and electronic message routing	mitre	98
mitre 98.9.3	6.14	Y		mitre	98
mitre 98.9.2	6.14	Y		mitre	98
mitre 98.9.1	6.14	Y		mitre	98
mitre 98.8.4	6.14	Y		mitre	98
mitre 98.4.2	6.14	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.1	6.14	Y	sat-based comm and electronic message routing allows dynamic oceanic interaction	mitre	98
FF COM	6.14	P		NASA	
rpdadl	6.14	P		faa	2000
rpdasc	6.14	E		faa	2000
rpdtfm	6.14	P		faa	2000
rpdndi	6.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.14	Y		faa	2000
rpdhf	6.14	P		faa	2000
rpdavw	6.14	E		faa	2000
ADLRPD7D.DOC	6.15	E		FAA	99
ADSBRPD.DOC	6.15	P		FAA	99
HF99RPD4.DOC	6.15	P	Visual displays require human factors research	FAA	99
99OPSC~2.DOC	6.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.15	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.15	Y		FAA	99
mitre 98.4.3	6.15	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.15	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	6.15	P		mitre	98
mitre 98.9.1	6.15	P		mitre	98
mitre 98.8.4	6.15	P		mitre	98
mitre 98.8.1	6.15	P	Flight 2000: system architecture	mitre	98
mitre 98.4.2	6.15	Y	applications of technology for oceanic flight	mitre	98
rpdadl	6.15	E		faa	2000
rpdndi	6.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.15	P		faa	2000
rpdhf	6.15	P	Visual displays require human factors research	faa	2000
MMRPD99.DOC	6.16	E		FAA	99
ADSBRPD.DOC	6.16	P		FAA	99
99OPSC~2.DOC	6.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.16	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.16	Y		FAA	99
mitre 98.12.1	6.16	E		mitre	98
mitre 98.12.2	6.16	P		mitre	98
mitre 98.9.3	6.16	P		mitre	98
mitre 98.9.2	6.16	P		mitre	98
mitre 98.9.1	6.16	P		mitre	98
mitre 98.8.4	6.16	P		mitre	98
mitre 98.8.1	6.16	P	Flight 2000: system architecture	mitre	98
mitre 98.4.3	6.16	Y	NAS oceanic coordinates with oceanic neighbors on common rules and procedures	mitre	98
rpdasc	6.16	E		faa	2000
rpdndi	6.16	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.16	P		faa	2000
rpdss	6.16	E		faa	2000
99OPSC~2.DOC	6.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.17	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	6.17	P	Flight 2000: system architecture	mitre	98
mitre 98.4.3	6.17	Y	flight planning into non-US airspace evolves with ICAO procedures	mitre	98
rpdndi	6.17	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdss	6.17	E		faa	2000
99OPSC~2.DOC	6.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.18	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	6.18	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	6.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.19	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	6.19	P	Flight 2000: system architecture	mitre	98
ADSBRPD.DOC	6.20*	E		FAA	99
AND620.DOC	6.20*	E		FAA	99
MMRPD99.DOC	6.20*	E		FAA	99
99OPSC~2.DOC	6.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.20*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.20*	Y		FAA	99
mitre 98.11.1	6.20*	E		mitre	98
mitre 98.8.4	6.20*	E		mitre	98
mitre 98.4.3	6.20*	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	6.20*	Y		mitre	98
mitre 98.9.2	6.20*	Y		mitre	98
mitre 98.9.1	6.20*	Y		mitre	98
rpdasc	6.20*	E		faa	2000
rpdndi	6.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.20*	E		faa	2000
rpdads	6.20*	E		faa	2000
rpdss	6.20*	P		faa	2000
ADLRPD7D.DOC	6.21	E		FAA	99
99OPSC~2.DOC	6.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.21	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	6.21	Y		FAA	99
TFMRPD~1.DOC	6.21	Y		FAA	99
mitre 98.4.3	6.21	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.21	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	6.21	Y		mitre	98
mitre 98.9.2	6.21	Y		mitre	98
mitre 98.9.1	6.21	Y		mitre	98
mitre 98.8.4	6.21	Y		mitre	98
mitre 98.4.2	6.21	Y	applications of technology for oceanic flight	mitre	98
rpdadl	6.21	E		faa	2000
rpdtfm	6.21	P		faa	2000
rpdndi	6.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.21	Y		faa	2000
rpdss	6.21	E		faa	2000
AND620.DOC	6.22	E		FAA	99
HF99RPD4.DOC	6.22	P	program deals with pilot workload	FAA	99
99OPSC~2.DOC	6.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.22	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.22	Y		FAA	99
TFMRPD~1.DOC	6.22	Y		FAA	99
mitre 98.4.3	6.22	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.22	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	6.22	Y		mitre	98
mitre 98.9.2	6.22	Y		mitre	98
mitre 98.9.1	6.22	Y		mitre	98
mitre 98.8.4	6.22	Y		mitre	98
rpdndi	6.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.22	E		faa	2000
rpdads	6.22	Y		faa	2000
rpdhf	6.22	P	program deals with pilot workload	faa	2000
ADLRPD7D.DOC	6.23	P		FAA	99
HF99RPD4.DOC	6.23	P	program addresses situation awarness	FAA	99
99OPSC~2.DOC	6.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.23	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.23	Y		FAA	99
AND620.DOC	6.23	Y		FAA	99
mitre 98.4.3	6.23	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.23	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	6.23	Y		mitre	98
mitre 98.9.2	6.23	Y		mitre	98
mitre 98.9.1	6.23	Y		mitre	98
mitre 98.8.4	6.23	Y		mitre	98
mitre 98.4.2	6.23	Y	applications of technology for oceanic flight	mitre	98
rpdadl	6.23	P		faa	2000
rpdndi	6.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.23	Y		faa	2000
rpdads	6.23	Y		faa	2000
rpdhf	6.23	P	program addresses situation awarness	faa	2000
ADLRPD7D.DOC	6.24	E		FAA	99
navrpd2.doc	6.24	P	position data provided by sats	FAA	99
TFMRPD~1.DOC	6.24	P		FAA	99
99OPSC~2.DOC	6.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.24	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.24	Y		FAA	99
mitre 98.5.5	6.24	E	oceanic aircraft broadcast position determined from sat nav systems	mitre	98
mitre 98.5.1	6.24	E	aircraft broadcast sat-derived position data for oceanic ops	mitre	98
mitre 98.4.3	6.24	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.24	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	6.24	Y		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	6.24	Y		mitre	98
mitre 98.9.1	6.24	Y		mitre	98
mitre 98.8.4	6.24	Y		mitre	98
mitre 98.4.2	6.24	Y	applications of technology for oceanic flight	mitre	98
FF COM	6.24	P	study addresses satellite com (including navigation)	NASA	
rpdadl	6.24	E		faa	2000
rpdndi	6.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.24	Y		faa	2000
MMRPD99.DOC	6.25	E		FAA	99
ADSBRPD.DOC	6.25	P		FAA	99
AND620.DOC	6.25	P		FAA	99
TFMRPD~1.DOC	6.25	P		FAA	99
ADLRPD7D.DOC	6.25	smE		FAA	99
99OPSC~2.DOC	6.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.25	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.4.3	6.25	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.25	P		mitre	98
mitre 98.9.2	6.25	P		mitre	98
mitre 98.9.1	6.25	P		mitre	98
mitre 98.8.4	6.25	P		mitre	98
mitre 98.8.1	6.25	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	6.25	P	in oceanic area, pilots coordinate with providers for manuevers and providers use pilot local traffic info as supplemental traffic flow info	mitre	98
mitre 98.2.1.1	6.25	P	in oceanic area, pilots coordinate with providers for manuevers and providers use pilot local traffic info as supplemental traffic flow info	mitre	98
rpdadl	6.25	P		faa	2000
rpdasc	6.25	E		faa	2000
rpdndi	6.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.25	P		faa	2000
rpdads	6.25	P		faa	2000
AND620.DOC	6.26	E		FAA	99
MMRPD99.DOC	6.26	E		FAA	99
ADSBRPD.DOC	6.26	P		FAA	99
TFMRPD~1.DOC	6.26	P		FAA	99
99OPSC~2.DOC	6.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.26	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.4.3	6.26	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.26	P		mitre	98
mitre 98.9.2	6.26	P		mitre	98
mitre 98.9.1	6.26	P		mitre	98
mitre 98.8.4	6.26	P		mitre	98
mitre 98.8.1	6.26	P	Flight 2000: system architecture	mitre	98
rpdasc	6.26	E		faa	2000
rpdndi	6.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.26	E		faa	2000
rpdads	6.26	P		faa	2000
ADLRPD7D.DOC	6.27	E		FAA	99
MMRPD99.DOC	6.27	E		FAA	99
ADSBRPD.DOC	6.27	P		FAA	99
HF99RPD4.DOC	6.27	P		FAA	99
99OPSC~2.DOC	6.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.27	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.27	Y		FAA	99
mitre 98.4.3	6.27	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.27	P		mitre	98
mitre 98.9.2	6.27	P		mitre	98
mitre 98.9.1	6.27	P		mitre	98
mitre 98.8.4	6.27	P		mitre	98
mitre 98.8.1	6.27	P	Flight 2000: system architecture	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.4.2	6.27	Y	applications of technology for oceanic flight	mitre	98
mitre 98.3.3	6.27	Y	pilot ability to support climb, descent, routes supplemented by conflict probe decision support	mitre	98
mitre 98.3.2	6.27	Y	pilot ability to support climb, descent, routes supplemented by conflict probe decision support	mitre	98
mitre 98.3.1	6.27	Y	pilot ability to support climb, descent, routes supplemented by conflict probe decision support	mitre	98
mitre 98.2.3.2	6.27	Y	pilot's routes supplemented by conflict probe decision support	mitre	98
rpdadl	6.27	E		faa	2000
rpdasc	6.27	E		faa	2000
rpdtfm	6.27	P		faa	2000
rpdndi	6.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.27	P		faa	2000
rpdhf	6.27	P		faa	2000
MMRPD99.DOC	6.28	E		FAA	99
ADSBRPD.DOC	6.28	P		FAA	99
HF99RPD4.DOC	6.28	P	Program addresses decision suppport tools	FAA	99
99OPSC~2.DOC	6.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.28	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.28	Y		FAA	99
mitre 98.4.3	6.28	E	ConOps for oceanic operations	mitre	98
mitre 98.1.3	6.28	E	decision support tools will help resolve conflicts for oceanic routes	mitre	98
mitre 98.9.3	6.28	P		mitre	98
mitre 98.9.2	6.28	P		mitre	98
mitre 98.9.1	6.28	P		mitre	98
mitre 98.8.4	6.28	P		mitre	98
mitre 98.8.1	6.28	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	6.28	P	oceanic routes benefit from decision support tools from en route providers	mitre	98
mitre 98.3.4	6.28	P	oceanic routes benefit from decision support tools from en route providers	mitre	98
mitre 98.4.2	6.28	Y	applications of technology for oceanic flight	mitre	98
mitre 98.3.3	6.28	Y	decision support for oceanic enroute service providers	mitre	98
mitre 98.3.2	6.28	Y	decision support for oceanic enroute service providers	mitre	98
mitre 98.3.1	6.28	Y	decision support for oceanic enroute service providers	mitre	98
rpdasc	6.28	E		faa	2000
rpdtfm	6.28	P		faa	2000
rpdndi	6.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.28	P		faa	2000
rpdhf	6.28	P	Program addresses decision suppport tools	faa	2000
99OPSC~2.DOC	6.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.29	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	6.29	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	6.30*	E		FAA	99
ADSBRPD.DOC	6.30*	E		FAA	99
TFMRPD~1.DOC	6.30*	P		FAA	99
99OPSC~2.DOC	6.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.30*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.4	6.30*	E		mitre	98
mitre 98.4.3	6.30*	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	6.30*	Y		mitre	98
mitre 98.9.2	6.30*	Y		mitre	98
mitre 98.9.1	6.30*	Y		mitre	98
rpdadl	6.30*	E		faa	2000
rpdndi	6.30*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.30*	E		faa	2000
MMRPD99.DOC	6.31	E		FAA	99
ADLRPD7D.DOC	6.31	P		FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	6.31	P		FAA	99
99OPSC~2.DOC	6.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.31	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.31	Y		FAA	99
mitre 98.10.1	6.31	E		mitre	98
mitre 98.4.3	6.31	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.31	P		mitre	98
mitre 98.9.2	6.31	P		mitre	98
mitre 98.9.1	6.31	P		mitre	98
mitre 98.8.4	6.31	P		mitre	98
mitre 98.8.1	6.31	P	Flight 2000: system architecture	mitre	98
mitre 98.4.2	6.31	Y	applications of technology for oceanic flight	mitre	98
rpdadl	6.31	P		faa	2000
rpdasc	6.31	E		faa	2000
rpdndi	6.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.31	P		faa	2000
99OPSC~2.DOC	6.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.32	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	6.32	P	Flight 2000: system architecture	mitre	98
AND620.DOC	6.33	E		FAA	99
AWAFRPD.DOC	6.33	E		FAA	99
MMRPD99.DOC	6.33	E		FAA	99
navrpd2.doc	6.33	E	better nav tools can include sats	FAA	99
ADLRPD7D.DOC	6.33	P		FAA	99
HF99RPD4.DOC	6.33	P	program deals with pilot and controller workload	FAA	99
99OPSC~2.DOC	6.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.33	Y	This is the RPD for the 2005 Conops	FAA	99
ADSBRPD.DOC	6.33	Y		FAA	99
TFMRPD~1.DOC	6.33	Y		FAA	99
mitre 98.5.1	6.33	E	better nav allows transition from oceanic tracks to trajectories	mitre	98
mitre 98.8.1	6.33	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	6.33	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	6.33	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.9.3	6.33	P		mitre	98
mitre 98.9.2	6.33	P		mitre	98
mitre 98.9.1	6.33	P		mitre	98
mitre 98.8.4	6.33	Y		mitre	98
mitre 98.4.3	6.33	Y	full surveillance, better nav, real-time comm, and automated data exchange facilitate transition from tracks toward trajectories in oceanic airspace	mitre	98
mitre 98.4.2	6.33	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.1	6.33	Y	full surveillance, real-time comm, automated data exchange via datallink for oceanic airspace	mitre	98
mitre 98.2.3.1	6.33	Y	real-time communications and automated data exchange via datalink	mitre	98
mitre 98.1.3	6.33	Y	full surveillance, better nav tools, real-time comm, automated data exchange allows oceanic trajectories rather than tracks	mitre	98
rpdadl	6.33	P		faa	2000
rpdasc	6.33	E		faa	2000
rpdtfm	6.33	P		faa	2000
rpdndi	6.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.33	E		faa	2000
rpdads	6.33	Y		faa	2000
rpdhf	6.33	P	program deals with pilot and controller workload	faa	2000
rpdavw	6.33	E		faa	2000
AWAFRPD.DOC	6.34	E		FAA	99
MMRPD99.DOC	6.34	E		FAA	99
ADSBRPD.DOC	6.34	P		FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	6.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.34	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.34	Y		FAA	99
mitre 98.11.1	6.34	E		mitre	98
mitre 98.4.3	6.34	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.34	P		mitre	98
mitre 98.9.2	6.34	P		mitre	98
mitre 98.9.1	6.34	P		mitre	98
mitre 98.8.4	6.34	P		mitre	98
mitre 98.8.1	6.34	P	Flight 2000: system architecture	mitre	98
rpdasc	6.34	E		faa	2000
rpdndi	6.34	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.34	P		faa	2000
rpdavw	6.34	E		faa	2000
ADSBRPD.DOC	6.35	E		FAA	99
MMRPD99.DOC	6.35	E		FAA	99
99OPSC~2.DOC	6.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.35	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	6.35	Y		FAA	99
TFMRPD~1.DOC	6.35	Y		FAA	99
mitre 98.9.3	6.35	E		mitre	98
mitre 98.9.2	6.35	E		mitre	98
mitre 98.9.1	6.35	E		mitre	98
mitre 98.8.4	6.35	E		mitre	98
mitre 98.4.3	6.35	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.35	P	Flight 2000: system architecture	mitre	98
mitre 98.4.2	6.35	Y	applications of technology for oceanic flight	mitre	98
mitre 98.2.2	6.35	Y	in oceanic area, electronic transfer of traffic flow changes between national and international service providers	mitre	98
mitre 98.2.1.1	6.35	Y	in oceanic area, electronic transfer of traffic flow changes between national and international service providers	mitre	98
rpdadl	6.35	Y		faa	2000
rpdasc	6.35	E		faa	2000
rpdtfm	6.35	P		faa	2000
rpdndi	6.35	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.35	E		faa	2000
MMRPD99.DOC	6.36	E		FAA	99
AND620.DOC	6.36	P		FAA	99
AWAFRPD.DOC	6.36	P		FAA	99
HF99RPD4.DOC	6.36	P		FAA	99
99OPSC~2.DOC	6.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.36	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	6.36	Y		FAA	99
ADSBRPD.DOC	6.36	Y		FAA	99
TFMRPD~1.DOC	6.36	Y		FAA	99
mitre 98.4.3	6.36	E	ConOps for oceanic operations	mitre	98
mitre 98.9.3	6.36	P		mitre	98
mitre 98.9.2	6.36	P		mitre	98
mitre 98.9.1	6.36	P		mitre	98
mitre 98.8.1	6.36	P	Flight 2000: system architecture	mitre	98
mitre 98.8.4	6.36	Y		mitre	98
mitre 98.4.2	6.36	Y	applications of technology for oceanic flight	mitre	98
rpdadl	6.36	Y		faa	2000
rpdasc	6.36	E		faa	2000
rpdtfm	6.36	P		faa	2000
rpdndi	6.36	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	6.36	P		faa	2000
rpdads	6.36	Y		faa	2000
rpdhf	6.36	P		faa	2000
rpdavw	6.36	P		faa	2000
AWAFRPD.DOC	6.37	E		FAA	99

Program Name	Requirement	Rating	Notes		
MMRPD99.DOC	6.37	E		FAA	99
99OPSC~2.DOC	6.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.37	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.37	Y		FAA	99
mitre 98.11.1	6.37	E		mitre	98
mitre 98.4.3	6.37	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.37	P	Flight 2000: system architecture	mitre	98
rpdasc	6.37	E		faa	2000
rpdtfm	6.37	P		faa	2000
rpdndi	6.37	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	6.37	E		faa	2000
ADLRPD7D.DOC	6.38	E		FAA	99
MMRPD99.DOC	6.38	E		FAA	99
99OPSC~2.DOC	6.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.38	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.38	Y		FAA	99
mitre 98.11.1	6.38	E		mitre	98
mitre 98.4.3	6.38	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.38	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	6.38	Y	in oceanic area, traffic flow changes coordinated between national and international service providers	mitre	98
mitre 98.2.1.1	6.38	Y	in oceanic area, traffic flow changes coordinated between national and international service providers	mitre	98
rpdadl	6.38	E		faa	2000
rpdasc	6.38	E		faa	2000
rpdtfm	6.38	P		faa	2000
rpdndi	6.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdss	6.38	E		faa	2000
ADLRPD7D.DOC	6.39	E		FAA	99
MMRPD99.DOC	6.39	E		FAA	99
99OPSC~2.DOC	6.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.39	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.39	Y		FAA	99
mitre 98.10.1	6.39	E		mitre	98
mitre 98.4.3	6.39	E	ConOps for oceanic operations	mitre	98
mitre 98.8.1	6.39	P	Flight 2000: system architecture	mitre	98
rpdadl	6.39	E		faa	2000
rpdasc	6.39	E		faa	2000
rpdtfm	6.39	P		faa	2000
rpdndi	6.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	6.40*	E		FAA	99
MMRPD99.DOC	6.40*	E		FAA	99
ADSBRPD.DOC	6.40*	P		FAA	99
AWAFRPD.DOC	6.40*	P		FAA	99
99OPSC~2.DOC	6.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.40*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	6.40*	Y		FAA	99
mitre 98.4.3	6.40*	E	ConOps for oceanic operations	mitre	98
mitre 98.11.1	6.40*	P		mitre	98
mitre 98.8.4	6.40*	P		mitre	98
mitre 98.8.1	6.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.9.3	6.40*	P		mitre	98
mitre 98.9.2	6.40*	P		mitre	98
mitre 98.9.1	6.40*	P		mitre	98
rpdadl	6.40*	E		faa	2000
rpdasc	6.40*	E		faa	2000
rpdtfm	6.40*	P		faa	2000
rpdndi	6.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	6.40*	P		faa	2000
rpdavw	6.40*	P		faa	2000
rpdss	6.40*	E		faa	2000

Program Name	Requirement	Rating	Notes		
AND620.DOC	7.1	E		FAA	99
AWAFRPD.DOC	7.1	E		FAA	99
ADLRPD7D.DOC	7.1	P		FAA	99
ADSBRPD.DOC	7.1	P		FAA	99
HF99RPD4.DOC	7.1	P		FAA	99
MMRPD99.DOC	7.1	P		FAA	99
FAARPD136	7.1	P	the FAA is trying to collabrate between A/C Manufacturers and Airport Builders.	FAA	99
FAARPD148	7.1	P		FAA	99
FAARPD150	7.1	P		FAA	99
FAARPD152	7.1	P		FAA	99
99OPSC~2.DOC	7.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.1	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.1	Y		FAA	99
mitre 98.15.1	7.1	E		mitre	98
mitre 98.12.1	7.1	E		mitre	98
mitre 98.10.1	7.1	E		mitre	98
mitre 98.9.3	7.1	E		mitre	98
mitre 98.9.2	7.1	E		mitre	98
mitre 98.9.1	7.1	E		mitre	98
mitre 98.8.4	7.1	P		mitre	98
mitre 98.8.1	7.1	P	Flight 2000: system architecture	mitre	98
mitre 98.11.1	7.1	Y		mitre	98
mitre 98.3.5	7.1	Y	environment of user flexibility, collaborative partnership, and information sharing	mitre	98
faa rpd136	7.1	P	the FAA is trying to collabrate between A/C Manufacturers and Airport Builders.	faa	2000
faa rpd148	7.1	P		faa	2000
faa rpd150	7.1	P		faa	2000
faa rpd152	7.1	P		faa	2000
rpdadl	7.1	P		faa	2000
rpdasc	7.1	P		faa	2000
rpdtfm	7.1	P		faa	2000
rpdndi	7.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	7.1	E		faa	2000
rpdads	7.1	P		faa	2000
rpdhf	7.1	P		faa	2000
rpdavw	7.1	E		faa	2000
rpdtec	7.1	E		faa	2000
rpdtea	7.1	E		faa	2000
ADLRPD7D.DOC	7.2	E		FAA	99
ADSBRPD.DOC	7.2	E		FAA	99
MMRPD99.DOC	7.2	P		FAA	99
TFMRPD~1.DOC	7.2	P		FAA	99
99OPSC~2.DOC	7.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.2	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.2	E		mitre	98
mitre 98.9.3	7.2	E		mitre	98
mitre 98.9.2	7.2	E		mitre	98
mitre 98.9.1	7.2	E		mitre	98
mitre 98.8.4	7.2	E		mitre	98
mitre 98.11.1	7.2	P		mitre	98
mitre 98.8.1	7.2	P	Flight 2000: system architecture	mitre	98
rpdadl	7.2	E		faa	2000
rpdasc	7.2	P		faa	2000
rpdtfm	7.2	Y		faa	2000
rpdndi	7.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.2	E		faa	2000
rpdtec	7.2	E		faa	2000
rpdtea	7.2	E		faa	2000
99OPSC~2.DOC	7.3	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	7.3	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.3	E		mitre	98
mitre 98.8.1	7.3	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	7.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.4	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.4	E		mitre	98
mitre 98.8.1	7.4	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	7.5	E		FAA	99
ADSBRPD.DOC	7.5	P		FAA	99
MMRPD99.DOC	7.5	P		FAA	99
FAARPD150	7.5	P		FAA	99
99OPSC~2.DOC	7.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.5	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	7.5	Y		FAA	99
TFMRPD~1.DOC	7.5	Y		FAA	99
mitre 98.15.1	7.5	E		mitre	98
mitre 98.9.3	7.5	E		mitre	98
mitre 98.9.2	7.5	E		mitre	98
mitre 98.9.1	7.5	E		mitre	98
mitre 98.8.4	7.5	P		mitre	98
mitre 98.8.1	7.5	P	Flight 2000: system architecture	mitre	98
faa rpd150	7.5	P		faa	2000
rpdadl	7.5	E		faa	2000
rpdasc	7.5	P		faa	2000
rpdtfm	7.5	Y		faa	2000
rpdndi	7.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.5	P		faa	2000
rpdavw	7.5	Y		faa	2000
ADLRPD7D.DOC	7.6	E		FAA	99
MMRPD99.DOC	7.6	P		FAA	99
FAARPD152	7.6	P		FAA	99
99OPSC~2.DOC	7.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.6	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.6	Y		FAA	99
mitre 98.15.1	7.6	E		mitre	98
mitre 98.12.5	7.6	E		mitre	98
mitre 98.12.1	7.6	E		mitre	98
mitre 98.15.1	7.6	P		mitre	98
mitre 98.8.1	7.6	P	Flight 2000: system architecture	mitre	98
faa rpd152	7.6	P		faa	2000
rpdadl	7.6	E		faa	2000
rpdasc	7.6	P		faa	2000
rpdtfm	7.6	Y		faa	2000
rpdndi	7.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
AWAFRPD.DOC	7.7	E		FAA	99
PLANSRPD.DOC	7.7	E	"Continuous evaluation" of "initiatives" may be extensible to better management of R&D	FAA	99
ADSBRPD.DOC	7.7	P		FAA	99
HF99RPD4.DOC	7.7	P		FAA	99
MMRPD99.DOC	7.7	P		FAA	99
NIMS_RPD.doc	7.7	P	Program studies the impact of resource/facility outages	FAA	99
FAARPD136	7.7	P	Traffic Management Initiatives could relate to decreased downtime from construction	FAA	99
99OPSC~2.DOC	7.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.7	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.7	Y		FAA	99
mitre 98.15.1	7.7	E		mitre	98
mitre 98.15.1	7.7	E		mitre	98
mitre 98.9.3	7.7	E		mitre	98
mitre 98.9.2	7.7	E		mitre	98
mitre 98.9.1	7.7	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.4	7.7	P		mitre	98
mitre 98.8.1	7.7	P	Flight 2000: system architecture	mitre	98
planrpd.doc	7.7	E	"Continuous evaluation" of "initiatives" may be extensible to better management of R&D	faa	2000
faa rpd136	7.7	P	Traffic Management Initiatives could relate to decreased downtime from construction	faa	2000
rpdasc	7.7	P		faa	2000
rpdtfm	7.7	Y		faa	2000
rpdndi	7.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.7	P		faa	2000
rpdhf	7.7	P		faa	2000
rpdavw	7.7	E		faa	2000
rpdtea	7.7	E		faa	2000
AWAFRPD.DOC	7.8	E		FAA	99
HF99RPD4.DOC	7.8	P		FAA	99
MMRPD99.DOC	7.8	P		FAA	99
FAARPD146	7.8	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
99OPSC~2.DOC	7.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.8	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.8	Y		FAA	99
mitre 98.15.1	7.8	E		mitre	98
mitre 98.14.1	7.8	E		mitre	98
mitre 98.8.1	7.8	P	Flight 2000: system architecture	mitre	98
faa rpd146	7.8	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
rpdasc	7.8	P		faa	2000
rpdtfm	7.8	Y		faa	2000
rpdndi	7.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	7.8	P		faa	2000
rpdavw	7.8	E		faa	2000
99OPSC~2.DOC	7.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.9	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.9	P	Flight 2000: system architecture	mitre	98
AWAFRPD.DOC	7.10*	E		FAA	99
ADLRPD7D.DOC	7.10*	P		FAA	99
ADSBRPD.DOC	7.10*	P		FAA	99
HF99RPD4.DOC	7.10*	P		FAA	99
MMRPD99.DOC	7.10*	P		FAA	99
99OPSC~2.DOC	7.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.10*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.10*	Y		FAA	99
mitre 98.10.1	7.10*	P		mitre	98
mitre 98.9.3	7.10*	P		mitre	98
mitre 98.9.2	7.10*	P		mitre	98
mitre 98.9.1	7.10*	P		mitre	98
mitre 98.8.4	7.10*	P		mitre	98
mitre 98.8.1	7.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	7.10*	Y	automated info exchange supports seamless global ATM	mitre	98
mitre 98.3.4	7.10*	Y	automated info exchange supports seamless global ATM	mitre	98
rpdadl	7.10*	P		faa	2000
rpdasc	7.10*	P		faa	2000
rpdtfm	7.10*	Y		faa	2000
rpdndi	7.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.10*	P		faa	2000
rpdhf	7.10*	P		faa	2000
rpdavw	7.10*	E		faa	2000
rpdtea	7.10*	E		faa	2000
ADLRPD7D.DOC	7.11	E		FAA	99

Program Name	Requirement	Rating	Notes		
AND620.DOC	7.11	E		FAA	99
PLANSRPD.DOC	7.11	E	Program calls for more users to be involved in R & D	FAA	99
ADSBRPD.DOC	7.11	P		FAA	99
HF99RPD4.DOC	7.11	P		FAA	99
FAARPD136	7.11	P	APR Management and Construction contractors comly to AC issued through RPD	FAA	99
FAARPD152	7.11	P		FAA	99
FAARPDTBD1	7.11	P		FAA	99
99OPSC~2.DOC	7.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.11	Y	This is the RPD for the 2005 Conops	FAA	99
MMRPD99.DOC	7.11	Y		FAA	99
TFMRPD~1.DOC	7.11	Y		FAA	99
mitre 98.15.1	7.11	E		mitre	98
mitre 98.9.3	7.11	P		mitre	98
mitre 98.9.2	7.11	P		mitre	98
mitre 98.9.1	7.11	P		mitre	98
mitre 98.8.4	7.11	P		mitre	98
mitre 98.8.1	7.11	P	Flight 2000: system architecture	mitre	98
mitre 98.11.1	7.11	Y		mitre	98
planrpd.doc	7.11	E	Program calls for more users to be involved in R & D	faa	2000
faa rpd136	7.11	P	APR Management and Construction contractors comly to AC issued through RPD	faa	2000
faa rpd152	7.11	P		faa	2000
faa rpd589	7.11	P		faa	2000
rpdadl	7.11	E		faa	2000
rpdasc	7.11	Y		faa	2000
rpdtfm	7.11	Y		faa	2000
rpdndi	7.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	7.11	E		faa	2000
rpdads	7.11	P		faa	2000
rpdhf	7.11	P		faa	2000
ADSBRPD.DOC	7.12	E		FAA	99
AND620.DOC	7.12	E		FAA	99
AWAFRPD.DOC	7.12	E		FAA	99
HF99RPD4.DOC	7.12	P		FAA	99
99OPSC~2.DOC	7.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.12	Y	This is the RPD for the 2005 Conops	FAA	99
MMRPD99.DOC	7.12	Y		FAA	99
TFMRPD~1.DOC	7.12	Y		FAA	99
mitre 98.15.1	7.12	E		mitre	98
mitre 98.14.1	7.12	E		mitre	98
mitre 98.9.3	7.12	E		mitre	98
mitre 98.9.2	7.12	E		mitre	98
mitre 98.9.1	7.12	E		mitre	98
mitre 98.8.4	7.12	E		mitre	98
mitre 98.7.1	7.12	E		mitre	98
mitre 98.8.1	7.12	P	Flight 2000: system architecture	mitre	98
rpdasc	7.12	Y		faa	2000
rpdtfm	7.12	Y		faa	2000
rpdndi	7.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	7.12	E		faa	2000
rpdads	7.12	E		faa	2000
rpdhf	7.12	P		faa	2000
rpdavw	7.12	E		faa	2000
rpdtea	7.12	E		faa	2000
ADSBRPD.DOC	7.13	P		FAA	99
HF99RPD4.DOC	7.13	P		FAA	99
MMRPD99.DOC	7.13	P		FAA	99
99OPSC~2.DOC	7.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.13	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.13	Y		FAA	99

Program Name	Requirement	Rating	Notes		
mitre 98.15.1	7.13	E		mitre	98
mitre 98.7.1	7.13	E		mitre	98
mitre 98.9.3	7.13	P		mitre	98
mitre 98.9.2	7.13	P		mitre	98
mitre 98.9.1	7.13	P		mitre	98
mitre 98.8.4	7.13	P		mitre	98
mitre 98.8.1	7.13	P	Flight 2000: system architecture	mitre	98
mitre 98.2.3.3	7.13	Y	decision support helps coordination among local and national traffic managers	mitre	98
mitre 98.2.2	7.13	Y	automation and decision support help in coordination of traffic flow between local and national managers	mitre	98
mitre 98.2.1.1	7.13	Y	automation and decision support help in coordination of traffic flow between local and national managers	mitre	98
rpdasc	7.13	P		faa	2000
rpdtfm	7.13	Y		faa	2000
rpdndi	7.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.13	P		faa	2000
rpdhf	7.13	P		faa	2000
ADSBRPD.DOC	7.14	P		FAA	99
HF99RPD4.DOC	7.14	P		FAA	99
MMRPD99.DOC	7.14	P		FAA	99
99OPSC~2.DOC	7.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.14	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.14	Y		FAA	99
mitre 98.9.3	7.14	P		mitre	98
mitre 98.9.2	7.14	P		mitre	98
mitre 98.9.1	7.14	P		mitre	98
mitre 98.8.4	7.14	P		mitre	98
mitre 98.8.1	7.14	P	Flight 2000: system architecture	mitre	98
mitre 98.11.1	7.14	Y		mitre	98
rpdasc	7.14	P		faa	2000
rpdtfm	7.14	P		faa	2000
rpdndi	7.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.14	P		faa	2000
rpdhf	7.14	P		faa	2000
99OPSC~2.DOC	7.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.15	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.15	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	7.16	E		FAA	99
AWAFRPD.DOC	7.16	E		FAA	99
ADSBRPD.DOC	7.16	P		FAA	99
MMRPD99.DOC	7.16	P		FAA	99
NIMS_RPD.doc	7.16	P		FAA	99
FAARPD136	7.16	P	NAS Management here deals with the use of Larger A/C at airports.	FAA	99
FAARPD143	7.16	P	Current testing will determine the ability to host new A/C designs in the future.	FAA	99
FAARPD144	7.16	P	Desiners of new Aircraft and Designers of Runway environments need to coordinate	FAA	99
FAARPD148	7.16	P		FAA	99
FAARPD150	7.16	P		FAA	99
FAARPD152	7.16	P		FAA	99
99OPSC~2.DOC	7.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.16	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.16	E		mitre	98
mitre 98.14.1	7.16	E		mitre	98
mitre 98.12.1	7.16	E		mitre	98
mitre 98.11.1	7.16	P		mitre	98
mitre 98.10.1	7.16	P		mitre	98
mitre 98.9.3	7.16	P		mitre	98
mitre 98.9.2	7.16	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.1	7.16	P		mitre	98
mitre 98.8.4	7.16	P		mitre	98
mitre 98.8.1	7.16	P	Flight 2000: system architecture	mitre	98
mitre 98.12.2	7.16	Y		mitre	98
faa rpd136	7.16	P	NAS Management here deals with the use of Larger A/C at airports.	faa	2000
faa rpd143	7.16	P	Current testing will determine the ability to host new A/C designs in the future.	faa	2000
faa rpd144	7.16	P	Desiners of new Aircraft and Designers of Runway environments need to coordinate	faa	2000
faa rpd148	7.16	P		faa	2000
faa rpd150	7.16	P		faa	2000
faa rpd152	7.16	P		faa	2000
rpdadl	7.16	E		faa	2000
rpdasc	7.16	P		faa	2000
rpdtfm	7.16	P		faa	2000
rpdndi	7.16	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.16	P		faa	2000
rpdavw	7.16	E		faa	2000
AND620.DOC	7.17	E		FAA	99
PLANSRPD.DOC	7.17	E	Program deals with the management of new technology development	FAA	99
ADLRPD7D.DOC	7.17	P		FAA	99
HF99RPD4.DOC	7.17	P		FAA	99
MMRPD99.DOC	7.17	P		FAA	99
PARTNRPD.DOC	7.17	P	Program addresses management of R&D	FAA	99
FAARPD136	7.17	P	New Pavement Materials and design can be considered "new Technology"	FAA	99
FAARPD143	7.17	P		FAA	99
FAARPD144	7.17	P		FAA	99
FAARPD148	7.17	P		FAA	99
FAARPD150	7.17	P		FAA	99
FAARPD152	7.17	P		FAA	99
FAARPDTBD1	7.17	P		FAA	99
99OPSC~2.DOC	7.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.17	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.17	E		mitre	98
mitre 98.10.1	7.17	E		mitre	98
mitre 98.9.3	7.17	E		mitre	98
mitre 98.9.2	7.17	E		mitre	98
mitre 98.9.1	7.17	E		mitre	98
mitre 98.8.1	7.17	P	Flight 2000: system architecture	mitre	98
planrpd.doc	7.17	E	Program deals with the management of new technology development	faa	2000
faa rpd136	7.17	P	New Pavement Materials and design can be considered "new Technology"	faa	2000
faa rpd143	7.17	P		faa	2000
faa rpd144	7.17	P		faa	2000
faa rpd148	7.17	P		faa	2000
faa rpd150	7.17	P		faa	2000
faa rpd152	7.17	P		faa	2000
faa rpd589	7.17	P		faa	2000
partners..doc	7.17	P	Program addresses management of R&D	faa	2000
rpdadl	7.17	P		faa	2000
rpdasc	7.17	P		faa	2000
rpdtfm	7.17	Y		faa	2000
rpdndi	7.17	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	7.17	E		faa	2000
rpdhf	7.17	P		faa	2000
rpdtea	7.17	Y		faa	2000
ADLRPD7D.DOC	7.18	E		FAA	99

Program Name	Requirement	Rating	Notes		
AWAFRPD.DOC	7.18	E		FAA	99
ADSBRPD.DOC	7.18	P		FAA	99
HF99RPD4.DOC	7.18	P		FAA	99
MMRPD99.DOC	7.18	P		FAA	99
NIMS_RPD.doc	7.18	P		FAA	99
PLANSRPD.DOC	7.18	P	does management of the NAS include management of R&D?	FAA	99
FAARPD136	7.18	P	APR Surface materials and design could be extended to include "infrastructure"	FAA	99
FAARPDTBD1	7.18	P		FAA	99
99OPSC~2.DOC	7.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.18	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.18	E		mitre	98
mitre 98.14.1	7.18	E		mitre	98
mitre 98.12.1	7.18	E		mitre	98
mitre 98.10.1	7.18	E		mitre	98
mitre 98.9.3	7.18	P		mitre	98
mitre 98.9.2	7.18	P		mitre	98
mitre 98.9.1	7.18	P		mitre	98
mitre 98.8.4	7.18	P		mitre	98
mitre 98.8.1	7.18	P	Flight 2000: system architecture	mitre	98
faa rpd136	7.18	P	APR Surface materials and design could be extended to include "infrastructure"	faa	2000
faa rpd589	7.18	P		faa	2000
planrpd.doc	7.18	P	does management of the NAS include management of R&D?	faa	2000
rpdadl	7.18	E		faa	2000
rpdasc	7.18	P		faa	2000
rpdtfm	7.18	Y		faa	2000
rpdndi	7.18	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.18	P		faa	2000
rpdhf	7.18	P		faa	2000
rpdavw	7.18	E		faa	2000
HF99RPD4.DOC	7.19	P		FAA	99
MMRPD99.DOC	7.19	P		FAA	99
NIMS_RPD.doc	7.19	P		FAA	99
PLANSRPD.DOC	7.19	P		FAA	99
FAARPD136	7.19	P	APR Managers must utilize the Advisory Circulars (AC) to form new mgt. Technique	FAA	99
FAARPD144	7.19	P		FAA	99
FAARPD148	7.19	P		FAA	99
FAARPD150	7.19	P		FAA	99
FAARPD152	7.19	P		FAA	99
FAARPDTBD1	7.19	P		FAA	99
99OPSC~2.DOC	7.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.19	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.19	E		mitre	98
mitre 98.12.2	7.19	E		mitre	98
mitre 98.10.1	7.19	E		mitre	98
mitre 98.7.1	7.19	E		mitre	98
mitre 98.12.1	7.19	P		mitre	98
mitre 98.8.1	7.19	P	Flight 2000: system architecture	mitre	98
faa rpd136	7.19	P	APR Managers must utilize the Advisory Circulars (AC) to form new mgt. Technique	faa	2000
faa rpd144	7.19	P		faa	2000
faa rpd148	7.19	P		faa	2000
faa rpd150	7.19	P		faa	2000
faa rpd152	7.19	P		faa	2000
faa rpd589	7.19	P		faa	2000
planrpd.doc	7.19	P		faa	2000
rpdasc	7.19	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtfm	7.19	P		faa	2000
rpdndi	7.19	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	7.19	P		faa	2000
rpdtea	7.19	Y		faa	2000
99OPSC~2.DOC	7.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.20*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.20*	P	Flight 2000: system architecture	mitre	98
MMRPD99.DOC	7.21	P		FAA	99
FAARPD136	7.21	P	APR Management and Construction contractors comly to AC issued through RPD	FAA	99
FAARPD143	7.21	P		FAA	99
FAARPD144	7.21	P		FAA	99
FAARPD148	7.21	P		FAA	99
99OPSC~2.DOC	7.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.21	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.2	7.21	E		mitre	98
mitre 98.12.1	7.21	E		mitre	98
mitre 98.8.1	7.21	P	Flight 2000: system architecture	mitre	98
faa rpd136	7.21	P	APR Management and Construction contractors comly to AC issued through RPD	faa	2000
faa rpd143	7.21	P		faa	2000
faa rpd144	7.21	P		faa	2000
faa rpd148	7.21	P		faa	2000
rpdasc	7.21	P		faa	2000
rpdndi	7.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtec	7.21	E		faa	2000
MMRPD99.DOC	7.22	P		FAA	99
FAARPD132	7.22	P	Program addresses the need for airports to be able to accommodate the new size aircraft.	FAA	99
FAARPD136	7.22	P		FAA	99
FAARPD148	7.22	P		FAA	99
99OPSC~2.DOC	7.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.22	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.11.1	7.22	P		mitre	98
mitre 98.8.1	7.22	P	Flight 2000: system architecture	mitre	98
faa rpd132	7.22	P	Program addresses the need for airports to be able to accommodate the new size aircraft.	faa	2000
faa rpd136	7.22	P		faa	2000
faa rpd148	7.22	P		faa	2000
rpdasc	7.22	P		faa	2000
rpdndi	7.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	7.23	P		FAA	99
NIMS_RPD.doc	7.23	P	Program studies the impact of infrastructure outages	FAA	99
99OPSC~2.DOC	7.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.23	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.2	7.23	E		mitre	98
mitre 98.12.1	7.23	E		mitre	98
mitre 98.10.1	7.23	E		mitre	98
mitre 98.8.1	7.23	P	Flight 2000: system architecture	mitre	98
rpdasc	7.23	P		faa	2000
rpdndi	7.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADSBRPD.DOC	7.24	E		FAA	99
MMRPD99.DOC	7.24	P		FAA	99
FAARPD143	7.24	P	Outcome will provide a tool for monitoring status of runway conditions (current)	FAA	99
FAARPD144	7.24	P		FAA	99
99OPSC~2.DOC	7.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.24	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.24	E		mitre	98
mitre 98.14.1	7.24	E		mitre	98
mitre 98.9.3	7.24	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	7.24	E		mitre	98
mitre 98.9.1	7.24	E		mitre	98
mitre 98.8.4	7.24	E		mitre	98
mitre 98.11.1	7.24	P		mitre	98
mitre 98.8.1	7.24	P	Flight 2000: system architecture	mitre	98
faa rpd143	7.24	P	Outcome will provide a tool for monitoring status of runway conditions (current)	faa	2000
faa rpd144	7.24	P		faa	2000
rpdasc	7.24	P		faa	2000
rpdtfm	7.24	P		faa	2000
rpdndi	7.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.24	E		faa	2000
ADLRPD7D.DOC	7.25	E		FAA	99
AWAFRPD.DOC	7.25	E		FAA	99
ADSBRPD.DOC	7.25	P		FAA	99
MMRPD99.DOC	7.25	P		FAA	99
99OPSC~2.DOC	7.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.25	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.25	E		mitre	98
mitre 98.14.1	7.25	E		mitre	98
mitre 98.9.3	7.25	P		mitre	98
mitre 98.9.2	7.25	P		mitre	98
mitre 98.9.1	7.25	P		mitre	98
mitre 98.8.4	7.25	P		mitre	98
mitre 98.8.1	7.25	P	Flight 2000: system architecture	mitre	98
rpdadl	7.25	E		faa	2000
rpdasc	7.25	P		faa	2000
rpdtfm	7.25	P		faa	2000
rpdndi	7.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.25	P		faa	2000
rpdavw	7.25	E		faa	2000
MMRPD99.DOC	7.26	P		FAA	99
PLANSRPD.DOC	7.26	P	does management of the NAS include management of R&D?	FAA	99
FAARPD136	7.26	P		FAA	99
FAARPD150	7.26	P		FAA	99
99OPSC~2.DOC	7.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.26	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.26	E		mitre	98
mitre 98.14.1	7.26	E		mitre	98
mitre 98.11.1	7.26	E		mitre	98
mitre 98.8.1	7.26	P	Flight 2000: system architecture	mitre	98
faa rpd136	7.26	P		faa	2000
faa rpd150	7.26	P		faa	2000
planrpd.doc	7.26	P	does management of the NAS include management of R&D?	faa	2000
rpdasc	7.26	P		faa	2000
rpdndi	7.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	7.27	P		FAA	99
ADSBRPD.DOC	7.27	P		FAA	99
AWAFRPD.DOC	7.27	P		FAA	99
MMRPD99.DOC	7.27	P		FAA	99
FAARPD143	7.27	P	This is part of information "collection"	FAA	99
FAARPD152	7.27	P		FAA	99
FAARPDTBD1	7.27	P		FAA	99
99OPSC~2.DOC	7.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.27	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.27	E		mitre	98
mitre 98.10.1	7.27	E		mitre	98
mitre 98.7.1	7.27	E		mitre	98
mitre 98.9.3	7.27	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	7.27	P		mitre	98
mitre 98.9.1	7.27	P		mitre	98
mitre 98.8.4	7.27	P		mitre	98
mitre 98.8.1	7.27	P	Flight 2000: system architecture	mitre	98
faa rpd143	7.27	P	This is part of information "collection"	faa	2000
faa rpd152	7.27	P		faa	2000
faa rpd589	7.27	P		faa	2000
rpdadl	7.27	P		faa	2000
rpdasc	7.27	P		faa	2000
rpdtfm	7.27	Y		faa	2000
rpdndi	7.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.27	P		faa	2000
rpdavw	7.27	P		faa	2000
rpdtea	7.27	Y		faa	2000
ADLRPD7D.DOC	7.28	P		FAA	99
AWAFRPD.DOC	7.28	P		FAA	99
MMRPD99.DOC	7.28	P		FAA	99
99OPSC~2.DOC	7.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.28	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.14.1	7.28	E		mitre	98
mitre 98.8.1	7.28	P	Flight 2000: system architecture	mitre	98
mitre 98.10.1	7.28	Y		mitre	98
rpdadl	7.28	P		faa	2000
rpdasc	7.28	P		faa	2000
rpdndi	7.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	7.28	P		faa	2000
MMRPD99.DOC	7.29	P		FAA	99
99OPSC~2.DOC	7.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.29	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.29	Y		FAA	99
mitre 98.15.1	7.29	E		mitre	98
mitre 98.8.1	7.29	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	7.29	Y	collaboration provides ened-to-end flight planning predictability	mitre	98
rpdasc	7.29	P		faa	2000
rpdtfm	7.29	P		faa	2000
rpdndi	7.29	P	program deals with high level NAS operational concepts, fewe	faa	2000
AND620.DOC	7.30*	E		FAA	99
MMRPD99.DOC	7.30*	P		FAA	99
NIMS_RPD.doc	7.30*	P	Program studies the impact of infrastructure outages	FAA	99
FAARPD132	7.30*	P	Program deals with airport construction/design based on new sized aircraft. This can impact traffic spacing, etc.	FAA	99
99OPSC~2.DOC	7.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.30*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.30*	Y		FAA	99
mitre 98.9.3	7.30*	E		mitre	98
mitre 98.9.2	7.30*	E		mitre	98
mitre 98.9.1	7.30*	E		mitre	98
mitre 98.8.1	7.30*	P	Flight 2000: system architecture	mitre	98
faa rpd132	7.30*	P	Program deals with airport construction/design based on new sized aircraft. This can impact traffic spacing, etc.	faa	2000
rpdasc	7.30*	P		faa	2000
rpdtfm	7.30*	P		faa	2000
rpdndi	7.30*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	7.30*	E		faa	2000
MMRPD99.DOC	7.31	P		FAA	99
99OPSC~2.DOC	7.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.31	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.31	Y		FAA	99
mitre 98.8.1	7.31	P	Flight 2000: system architecture	mitre	98
rpdasc	7.31	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	7.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	7.32	E		FAA	99
ADSBRPD.DOC	7.32	P		FAA	99
AWAFRPD.DOC	7.32	P		FAA	99
HF99RPD4.DOC	7.32	P		FAA	99
MMRPD99.DOC	7.32	P		FAA	99
99OPSC~2.DOC	7.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.32	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.32	Y		FAA	99
mitre 98.15.1	7.32	E		mitre	98
mitre 98.9.3	7.32	P		mitre	98
mitre 98.9.2	7.32	P		mitre	98
mitre 98.9.1	7.32	P		mitre	98
mitre 98.8.4	7.32	P		mitre	98
mitre 98.8.1	7.32	P	Flight 2000: system architecture	mitre	98
rpdadl	7.32	E		faa	2000
rpdasc	7.32	P		faa	2000
rpdtfm	7.32	P		faa	2000
rpdndi	7.32	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.32	P		faa	2000
rpdhf	7.32	P		faa	2000
rpdavw	7.32	P		faa	2000
ADLRPD7D.DOC	7.33	E		FAA	99
AWAFRPD.DOC	7.33	P		FAA	99
HF99RPD4.DOC	7.33	P		FAA	99
MMRPD99.DOC	7.33	P		FAA	99
99OPSC~2.DOC	7.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.33	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.33	Y		FAA	99
mitre 98.15.1	7.33	E		mitre	98
mitre 98.2.3.2	7.33	E	collaboration augmented by decision support that enables shared view of traffic an weather	mitre	98
mitre 98.8.1	7.33	P	Flight 2000: system architecture	mitre	98
mitre 98.2.3.3	7.33	Y	increased collaboration (local, ATCSCC, NAS users) augmented by decision support that enables shared traffic/weather view	mitre	98
rpdadl	7.33	E		faa	2000
rpdasc	7.33	P		faa	2000
rpdtfm	7.33	P		faa	2000
rpdndi	7.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	7.33	P		faa	2000
rpdavw	7.33	P		faa	2000
rpdtea	7.33	E		faa	2000
HF99RPD4.DOC	7.34	P	Program addresses decision suppport tools	FAA	99
MMRPD99.DOC	7.34	P		FAA	99
TFMRPD~1.DOC	7.34	P		FAA	99
99OPSC~2.DOC	7.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.34	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.34	E		mitre	98
mitre 98.8.1	7.34	P	Flight 2000: system architecture	mitre	98
rpdasc	7.34	P		faa	2000
rpdtfm	7.34	Y		faa	2000
rpdndi	7.34	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	7.34	P	Program addresses decision suppport tools	faa	2000
ADSBRPD.DOC	7.35	E		FAA	99
MMRPD99.DOC	7.35	P		FAA	99
99OPSC~2.DOC	7.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.35	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.35	Y		FAA	99
mitre 98.15.1	7.35	E		mitre	98
mitre 98.14.1	7.35	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.11.1	7.35	E		mitre	98
mitre 98.9.3	7.35	E		mitre	98
mitre 98.9.2	7.35	E		mitre	98
mitre 98.9.1	7.35	E		mitre	98
mitre 98.8.4	7.35	E		mitre	98
mitre 98.8.1	7.35	P	Flight 2000: system architecture	mitre	98
rpdasc	7.35	P		faa	2000
rpdtfm	7.35	P		faa	2000
rpdndi	7.35	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.35	E		faa	2000
AWAFRPD.DOC	7.36	P		FAA	99
HF99RPD4.DOC	7.36	P	Program addresses decision suppport tools	FAA	99
MMRPD99.DOC	7.36	P		FAA	99
99OPSC~2.DOC	7.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.36	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.36	Y		FAA	99
mitre 98.7.1	7.36	E		mitre	98
mitre 98.15.1	7.36	P		mitre	98
mitre 98.8.1	7.36	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	7.36	Y	decision support helps service providers visualize traffic flows	mitre	98
mitre 98.2.1.1	7.36	Y	decision support helps service providers visualize traffic flows	mitre	98
rpdasc	7.36	P		faa	2000
rpdtfm	7.36	Y		faa	2000
rpdndi	7.36	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	7.36	P	Program addresses decision suppport tools	faa	2000
rpdavw	7.36	P		faa	2000
rpdtea	7.36	P		faa	2000
ADLRPD7D.DOC	7.37	E		FAA	99
ADSBRPD.DOC	7.37	E		FAA	99
AWAFRPD.DOC	7.37	E		FAA	99
HF99RPD4.DOC	7.37	P	Program addresses decision suppport tools	FAA	99
MMRPD99.DOC	7.37	P		FAA	99
99OPSC~2.DOC	7.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.37	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.37	Y		FAA	99
mitre 98.14.1	7.37	E		mitre	98
mitre 98.9.3	7.37	E		mitre	98
mitre 98.9.2	7.37	E		mitre	98
mitre 98.9.1	7.37	E		mitre	98
mitre 98.8.4	7.37	E		mitre	98
mitre 98.7.1	7.37	E		mitre	98
mitre 98.15.1	7.37	P		mitre	98
mitre 98.8.1	7.37	P	Flight 2000: system architecture	mitre	98
rpdadl	7.37	E		faa	2000
rpdasc	7.37	P		faa	2000
rpdtfm	7.37	Y		faa	2000
rpdndi	7.37	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.37	E		faa	2000
rpdhf	7.37	P	Program addresses decision suppport tools	faa	2000
rpdavw	7.37	E		faa	2000
rpdtea	7.37	E		faa	2000
ADLRPD7D.DOC	7.38	E		FAA	99
HF99RPD4.DOC	7.38	P		FAA	99
MMRPD99.DOC	7.38	P		FAA	99
99OPSC~2.DOC	7.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.38	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.38	Y		FAA	99
mitre 98.15.1	7.38	E		mitre	98
mitre 98.8.1	7.38	P	Flight 2000: system architecture	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.2.2	7.38	Y	traffic flow managers collaborate with service providers	mitre	98
mitre 98.2.1.1	7.38	Y	traffic flow managers collaborate with service providers	mitre	98
rpdadl	7.38	E		faa	2000
rpdasc	7.38	P		faa	2000
rpdndi	7.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	7.38	P		faa	2000
ADLRPD7D.DOC	7.39	E		FAA	99
MMRPD99.DOC	7.39	P		FAA	99
NIMS_RPD.doc	7.39	P	Program studies the impact of infrastructure outages	FAA	99
TFMRPD~1.DOC	7.39	P	This may help reduce controller workload	FAA	99
99OPSC~2.DOC	7.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.39	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.39	E		mitre	98
mitre 98.8.1	7.39	P	Flight 2000: system architecture	mitre	98
rpdadl	7.39	E		faa	2000
rpdasc	7.39	P		faa	2000
rpdndi	7.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	7.40*	P		FAA	99
99OPSC~2.DOC	7.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.40*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.40*	P	Flight 2000: system architecture	mitre	98
rpdasc	7.40*	P		faa	2000
rpdvos	7.40*	E		faa	2000
rpdndi	7.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	7.41	E		FAA	99
MMRPD99.DOC	7.41	P		FAA	99
NIMS_RPD.doc	7.41	P	Program studies the impact of infrastructure outages	FAA	99
PLANSRPD.DOC	7.41	P	does management of the NAS infrastructure include management of R&D?	FAA	99
FAARPD132	7.41	P	The design of airports based on new aircraft size implies and approach toward "directing and prioritizing infrastructure management from a users perspective."	FAA	99
FAARPD143	7.41	P	This program will be monitoring current runway condidtions	FAA	99
FAARPD144	7.41	P		FAA	99
FAARPD148	7.41	P		FAA	99
FAARPD150	7.41	P		FAA	99
FAARPD152	7.41	P		FAA	99
99OPSC~2.DOC	7.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.41	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.41	E		mitre	98
mitre 98.12.1	7.41	E		mitre	98
mitre 98.10.1	7.41	P		mitre	98
mitre 98.8.1	7.41	P	Flight 2000: system architecture	mitre	98
mitre 98.14.1	7.41	Y		mitre	98
faa rpd132	7.41	P	The design of airports based on new aircraft size implies and approach toward "directing and prioritizing infrastructure management from a users perspective."	faa	2000
faa rpd143	7.41	P	This program will be monitoring current runway condidtions	faa	2000
faa rpd144	7.41	P		faa	2000
faa rpd148	7.41	P		faa	2000
faa rpd150	7.41	P		faa	2000
faa rpd152	7.41	P		faa	2000
planrpd.doc	7.41	P	does management of the NAS infrastructure include management of R&D?	faa	2000
rpdadl	7.41	E		faa	2000
rpdasc	7.41	P		faa	2000
rpdndi	7.41	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	7.42	P		FAA	99
NIMS_RPD.doc	7.42	P	Program studies the impact of infrastructure outages	FAA	99
FAARPD136	7.42	P	MAY BE EXTENDED TO REQUIREMENT	FAA	99
FAARPD144	7.42	P		FAA	99

Program Name	Requirement	Rating	Notes		
FAARPDTBD1	7.42	P		FAA	99
99OPSC~2.DOC	7.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.42	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.42	E		mitre	98
mitre 98.8.1	7.42	P	Flight 2000: system architecture	mitre	98
faa rpd136	7.42	P	MAY BE EXTENDED TO REQUIREMENT	faa	2000
faa rpd144	7.42	P		faa	2000
faa rpd589	7.42	P		faa	2000
rpdasc	7.42	P		faa	2000
rpdndi	7.42	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	7.43	E		FAA	99
ADSBRPD.DOC	7.43	E		FAA	99
AWAFRPD.DOC	7.43	E		FAA	99
MMRPD99.DOC	7.43	P		FAA	99
99OPSC~2.DOC	7.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.43	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.43	Y		FAA	99
mitre 98.15.1	7.43	E		mitre	98
mitre 98.12.5	7.43	E		mitre	98
mitre 98.9.3	7.43	E		mitre	98
mitre 98.9.2	7.43	E		mitre	98
mitre 98.9.1	7.43	E		mitre	98
mitre 98.8.4	7.43	E		mitre	98
mitre 98.2.2	7.43	E	ATCSCC service providers become central point-of-contact for NAS-wide system understanding	mitre	98
mitre 98.2.1.1	7.43	E	ATCSCC service providers become central point-of-contact for NAS-wide system understanding	mitre	98
mitre 98.14.1	7.43	P		mitre	98
mitre 98.8.1	7.43	P	Flight 2000: system architecture	mitre	98
mitre 98.7.2	7.43	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
rpdadl	7.43	E		faa	2000
rpdasc	7.43	P		faa	2000
rpdtfm	7.43	P		faa	2000
rpdndi	7.43	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.43	E		faa	2000
rpdavw	7.43	E		faa	2000
ADLRPD7D.DOC	7.44	E		FAA	99
ADSBRPD.DOC	7.44	E		FAA	99
AWAFRPD.DOC	7.44	E		FAA	99
MMRPD99.DOC	7.44	P		FAA	99
99OPSC~2.DOC	7.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.44	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.44	Y		FAA	99
mitre 98.14.1	7.44	E		mitre	98
mitre 98.10.1	7.44	E		mitre	98
mitre 98.9.3	7.44	E		mitre	98
mitre 98.9.2	7.44	E		mitre	98
mitre 98.9.1	7.44	E		mitre	98
mitre 98.8.4	7.44	E		mitre	98
mitre 98.8.1	7.44	P	Flight 2000: system architecture	mitre	98
rpdadl	7.44	E		faa	2000
rpdasc	7.44	P		faa	2000
rpdtfm	7.44	P		faa	2000
rpdndi	7.44	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.44	E		faa	2000
rpdavw	7.44	E		faa	2000
ADLRPD7D.DOC	7.45	E		FAA	99
AND620.DOC	7.45	P		FAA	99
MMRPD99.DOC	7.45	P		FAA	99
99OPSC~2.DOC	7.45	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	7.45	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.45	Y		FAA	99
mitre 98.9.3	7.45	P		mitre	98
mitre 98.9.2	7.45	P		mitre	98
mitre 98.9.1	7.45	P		mitre	98
mitre 98.8.1	7.45	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	7.45	Y	ATCSCC uses broader information for support of global traffic flow	mitre	98
mitre 98.2.1.1	7.45	Y	ATCSCC uses broader information for support of global traffic flow	mitre	98
rpdadl	7.45	E		faa	2000
rpdasc	7.45	P		faa	2000
rpdtfm	7.45	P		faa	2000
rpdndi	7.45	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	7.45	P		faa	2000
ADLRPD7D.DOC	7.46	E		FAA	99
ADSBRPD.DOC	7.46	E		FAA	99
HF99RPD4.DOC	7.46	P		FAA	99
MMRPD99.DOC	7.46	P		FAA	99
99OPSC~2.DOC	7.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.46	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.46	Y		FAA	99
mitre 98.15.1	7.46	E		mitre	98
mitre 98.9.3	7.46	E		mitre	98
mitre 98.9.2	7.46	E		mitre	98
mitre 98.9.1	7.46	E		mitre	98
mitre 98.8.4	7.46	E		mitre	98
mitre 98.8.1	7.46	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	7.46	Y	local service providers, with NAS-wide information, can resolve issues more efficiently	mitre	98
mitre 98.2.1.1	7.46	Y	local service providers, with NAS-wide information, can resolve issues more efficiently	mitre	98
rpdadl	7.46	E		faa	2000
rpdasc	7.46	P		faa	2000
rpdtfm	7.46	P		faa	2000
rpdndi	7.46	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.46	E		faa	2000
rpdhf	7.46	P		faa	2000
ADSBRPD.DOC	7.47	E		FAA	99
HF99RPD4.DOC	7.47	P		FAA	99
MMRPD99.DOC	7.47	P		FAA	99
FAARPD132	7.47	P	Airport design will help create solutions of local traffic problems.	FAA	99
99OPSC~2.DOC	7.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.47	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.47	Y		FAA	99
mitre 98.15.1	7.47	E		mitre	98
mitre 98.9.3	7.47	E		mitre	98
mitre 98.9.2	7.47	E		mitre	98
mitre 98.9.1	7.47	E		mitre	98
mitre 98.8.4	7.47	E		mitre	98
mitre 98.11.1	7.47	P		mitre	98
mitre 98.8.1	7.47	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	7.47	Y	local service providers, coordinating with national, and collaborating with users explore alternatives to managing problems	mitre	98
mitre 98.2.1.1	7.47	Y	local service providers, coordinating with national, and collaborating with users explore alternatives to managing problems	mitre	98
faa rpd132	7.47	P	Airport design will help create solutions of local traffic problems.	faa	2000
rpdasc	7.47	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtfm	7.47	P		faa	2000
rpdndi	7.47	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.47	E		faa	2000
rpdhf	7.47	P		faa	2000
ADLRPD7D.DOC	7.48	E		FAA	99
AWAFRPD.DOC	7.48	E		FAA	99
MMRPD99.DOC	7.48	P		FAA	99
99OPSC~2.DOC	7.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.48	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.48	Y		FAA	99
mitre 98.8.1	7.48	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	7.48	Y	ATCSCC stays informed of local traffic flow	mitre	98
mitre 98.2.1.1	7.48	Y	ATCSCC stays informed of local traffic flow	mitre	98
rpdadl	7.48	E		faa	2000
rpdasc	7.48	P		faa	2000
rpdtfm	7.48	P		faa	2000
rpdndi	7.48	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	7.48	E		faa	2000
AWAFRPD.DOC	7.49	E		FAA	99
MMRPD99.DOC	7.49	P		FAA	99
99OPSC~2.DOC	7.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.49	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.49	Y		FAA	99
mitre 98.15.1	7.49	E		mitre	98
mitre 98.7.1	7.49	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	7.49	P	Flight 2000: system architecture	mitre	98
mitre 98.3.5	7.49	Y	ATCSCC, service providers, and en route facilities coordinate traffic flow restrictions	mitre	98
mitre 98.3.4	7.49	Y	ATCSCC, service providers, and en route facilities coordinate traffic flow restrictions	mitre	98
mitre 98.2.2	7.49	Y	ATCSCC collaboratively initiates and coordinates broad scope traffic flow restrictions	mitre	98
mitre 98.2.1.1	7.49	Y	ATCSCC collaboratively initiates and coordinates broad scope traffic flow restrictions	mitre	98
rpdasc	7.49	P		faa	2000
rpdtfm	7.49	P		faa	2000
rpdndi	7.49	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	7.49	E		faa	2000
99OPSC~2.DOC	7.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.50*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.50*	Y		FAA	99
mitre 98.8.1	7.50*	P	Flight 2000: system architecture	mitre	98
rpdtfm	7.50*	P		faa	2000
rpdndi	7.50*	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	7.51	E		FAA	99
ADSBRPD.DOC	7.51	P		FAA	99
MMRPD99.DOC	7.51	P		FAA	99
FAARPD132	7.51	P	The advisory circulars used to guide airport design could be part of NAS wide information network	FAA	99
99OPSC~2.DOC	7.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.51	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.51	Y		FAA	99
mitre 98.15.1	7.51	E		mitre	98
mitre 98.9.3	7.51	P		mitre	98
mitre 98.9.2	7.51	P		mitre	98
mitre 98.9.1	7.51	P		mitre	98
mitre 98.8.4	7.51	P		mitre	98
mitre 98.8.1	7.51	P	Flight 2000: system architecture	mitre	98
faa rpd132	7.51	P	The advisory circulars used to guide airport design could be part of NAS wide information network	faa	2000

Program Name	Requirement	Rating	Notes		
rpdadl	7.51	E		faa	2000
rpdasc	7.51	P		faa	2000
rpdtfm	7.51	P		faa	2000
rpdndi	7.51	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.51	P		faa	2000
FAARPDTBD1	7.52	E		FAA	99
ADSBRPD.DOC	7.52	P		FAA	99
HF99RPD4.DOC	7.52	P		FAA	99
MMRPD99.DOC	7.52	P		FAA	99
99OPSC~2.DOC	7.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.52	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.52	Y		FAA	99
mitre 98.15.1	7.52	E		mitre	98
mitre 98.9.3	7.52	P		mitre	98
mitre 98.9.2	7.52	P		mitre	98
mitre 98.9.1	7.52	P		mitre	98
mitre 98.8.4	7.52	P		mitre	98
mitre 98.8.1	7.52	P	Flight 2000: system architecture	mitre	98
faa rpd589	7.52	E		faa	2000
rpdasc	7.52	P		faa	2000
rpdtfm	7.52	P		faa	2000
rpdndi	7.52	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.52	P		faa	2000
rpdhf	7.52	P		faa	2000
ADLRPD7D.DOC	7.53	E		FAA	99
MMRPD99.DOC	7.53	P		FAA	99
99OPSC~2.DOC	7.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.53	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	7.53	Y		FAA	99
TFMRPD~1.DOC	7.53	Y		FAA	99
mitre 98.12.5	7.53	E		mitre	98
mitre 98.10.1	7.53	E		mitre	98
mitre 98.8.1	7.53	P	Flight 2000: system architecture	mitre	98
rpdadl	7.53	E		faa	2000
rpdasc	7.53	P		faa	2000
rpdtfm	7.53	P		faa	2000
rpdndi	7.53	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	7.53	Y		faa	2000
ADLRPD7D.DOC	7.54	E		FAA	99
MMRPD99.DOC	7.54	P		FAA	99
99OPSC~2.DOC	7.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.54	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	7.54	Y		FAA	99
TFMRPD~1.DOC	7.54	Y		FAA	99
mitre 98.12.5	7.54	E		mitre	98
mitre 98.8.1	7.54	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	7.54	Y	ATCSCC service providers monitor weather info for traffic flow prediction	mitre	98
mitre 98.2.1.1	7.54	Y	ATCSCC service providers monitor weather info for traffic flow prediction	mitre	98
rpdadl	7.54	E		faa	2000
rpdasc	7.54	P		faa	2000
rpdtfm	7.54	P		faa	2000
rpdndi	7.54	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	7.54	Y		faa	2000
99OPSC~2.DOC	7.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.55	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.55	P	Flight 2000: system architecture	mitre	98
99OPSC~2.DOC	7.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.56	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.56	P	Flight 2000: system architecture	mitre	98

Program Name	Requirement	Rating	Notes		
ADLRPD7D.DOC	7.57	E		FAA	99
ADSBRPD.DOC	7.57	P		FAA	99
MMRPD99.DOC	7.57	P		FAA	99
99OPSC~2.DOC	7.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.57	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	7.57	Y		FAA	99
TFMRPD~1.DOC	7.57	Y		FAA	99
mitre 98.12.5	7.57	E		mitre	98
mitre 98.9.3	7.57	P		mitre	98
mitre 98.9.2	7.57	P		mitre	98
mitre 98.9.1	7.57	P		mitre	98
mitre 98.8.4	7.57	P		mitre	98
mitre 98.8.1	7.57	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	7.57	Y	ATCSCC monitors traffic flows on broad scale	mitre	98
mitre 98.2.1.1	7.57	Y	ATCSCC monitors traffic flows on broad scale	mitre	98
rpdadl	7.57	E		faa	2000
rpdasc	7.57	P		faa	2000
rpdtfm	7.57	P		faa	2000
rpdndi	7.57	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.57	P		faa	2000
rpdavw	7.57	Y		faa	2000
ADLRPD7D.DOC	7.58	E		FAA	99
ADSBRPD.DOC	7.58	P		FAA	99
MMRPD99.DOC	7.58	P		FAA	99
99OPSC~2.DOC	7.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.58	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.58	Y		FAA	99
mitre 98.9.3	7.58	P		mitre	98
mitre 98.9.2	7.58	P		mitre	98
mitre 98.9.1	7.58	P		mitre	98
mitre 98.8.4	7.58	P		mitre	98
mitre 98.8.1	7.58	P	Flight 2000: system architecture	mitre	98
rpdadl	7.58	E		faa	2000
rpdasc	7.58	P		faa	2000
rpdtfm	7.58	P		faa	2000
rpdndi	7.58	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.58	P		faa	2000
MMRPD99.DOC	7.59	P		FAA	99
TFMRPD~1.DOC	7.59	P		FAA	99
99OPSC~2.DOC	7.59	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.59	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.5	7.59	E		mitre	98
mitre 98.15.1	7.59	P		mitre	98
mitre 98.8.1	7.59	P	Flight 2000: system architecture	mitre	98
rpdasc	7.59	P		faa	2000
rpdtfm	7.59	P		faa	2000
rpdndi	7.59	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	7.60*	E		FAA	99
AWAFRPD.DOC	7.60*	E		FAA	99
MMRPD99.DOC	7.60*	E		FAA	99
99OPSC~2.DOC	7.60*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.60*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.60*	Y		FAA	99
mitre 98.8.1	7.60*	P	Flight 2000: system architecture	mitre	98
rpdadl	7.60*	E		faa	2000
rpdasc	7.60*	E		faa	2000
rpdtfm	7.60*	P		faa	2000
rpdndi	7.60*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdavw	7.60*	E		faa	2000
ADLRPD7D.DOC	7.61	E		FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	7.61	E		FAA	99
AWAFRPD.DOC	7.61	E		FAA	99
MMRPD99.DOC	7.61	P		FAA	99
99OPSC~2.DOC	7.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.61	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.61	Y		FAA	99
mitre 98.15.1	7.61	E		mitre	98
mitre 98.14.1	7.61	E		mitre	98
mitre 98.9.3	7.61	E		mitre	98
mitre 98.9.2	7.61	E		mitre	98
mitre 98.9.1	7.61	E		mitre	98
mitre 98.8.4	7.61	E		mitre	98
mitre 98.8.1	7.61	P	Flight 2000: system architecture	mitre	98
rpdadl	7.61	E		faa	2000
rpdasc	7.61	P		faa	2000
rpdtfm	7.61	P		faa	2000
rpdndi	7.61	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.61	E		faa	2000
rpdavw	7.61	E		faa	2000
ADSBRPD.DOC	7.62	E		FAA	99
AWAFRPD.DOC	7.62	P		FAA	99
HF99RPD4.DOC	7.62	P	Program addresses decision suppport tools	FAA	99
MMRPD99.DOC	7.62	P		FAA	99
99OPSC~2.DOC	7.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.62	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.62	Y		FAA	99
mitre 98.15.1	7.62	E		mitre	98
mitre 98.12.5	7.62	E		mitre	98
mitre 98.9.3	7.62	E		mitre	98
mitre 98.9.2	7.62	E		mitre	98
mitre 98.9.1	7.62	E		mitre	98
mitre 98.8.4	7.62	E		mitre	98
mitre 98.8.1	7.62	P	Flight 2000: system architecture	mitre	98
mitre 98.7.1	7.62	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.2.2	7.62	Y	decision support assists local and national traffic flow management	mitre	98
mitre 98.2.1.1	7.62	Y	decision support assists local and national traffic flow management	mitre	98
rpdasc	7.62	P		faa	2000
rpdtfm	7.62	P		faa	2000
rpdndi	7.62	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.62	E		faa	2000
rpdhf	7.62	P	Program addresses decision suppport tools	faa	2000
rpdavw	7.62	P		faa	2000
99OPSC~2.DOC	7.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.63	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.63	P	Flight 2000: system architecture	mitre	98
ADLRPD7D.DOC	7.64	E		FAA	99
MMRPD99.DOC	7.64	P		FAA	99
99OPSC~2.DOC	7.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.64	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.64	Y		FAA	99
mitre 98.15.1	7.64	E		mitre	98
mitre 98.14.1	7.64	E		mitre	98
mitre 98.12.1	7.64	E		mitre	98
mitre 98.10.1	7.64	P		mitre	98
mitre 98.8.1	7.64	P	Flight 2000: system architecture	mitre	98
rpdadl	7.64	E		faa	2000
rpdasc	7.64	P		faa	2000
rpdtfm	7.64	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	7.64	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	7.65	E		FAA	99
ADSBRPD.DOC	7.65	E		FAA	99
MMRPD99.DOC	7.65	P		FAA	99
TFMRPD~1.DOC	7.65	P		FAA	99
99OPSC~2.DOC	7.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.65	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.5	7.65	E		mitre	98
mitre 98.9.3	7.65	E		mitre	98
mitre 98.9.2	7.65	E		mitre	98
mitre 98.9.1	7.65	E		mitre	98
mitre 98.8.4	7.65	E		mitre	98
mitre 98.8.1	7.65	P	Flight 2000: system architecture	mitre	98
rpdadl	7.65	E		faa	2000
rpdasc	7.65	P		faa	2000
rpdtfm	7.65	P		faa	2000
rpdndi	7.65	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.65	E		faa	2000
ADLRPD7D.DOC	7.66	E		FAA	99
ADSBRPD.DOC	7.66	E		FAA	99
AWAFRPD.DOC	7.66	P		FAA	99
MMRPD99.DOC	7.66	P		FAA	99
99OPSC~2.DOC	7.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.66	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.66	Y		FAA	99
mitre 98.15.1	7.66	E		mitre	98
mitre 98.11.1	7.66	E		mitre	98
mitre 98.9.3	7.66	E		mitre	98
mitre 98.9.2	7.66	E		mitre	98
mitre 98.9.1	7.66	E		mitre	98
mitre 98.8.4	7.66	E		mitre	98
mitre 98.12.5	7.66	P		mitre	98
mitre 98.8.1	7.66	P	Flight 2000: system architecture	mitre	98
rpdadl	7.66	E		faa	2000
rpdasc	7.66	P		faa	2000
rpdtfm	7.66	P		faa	2000
rpdndi	7.66	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.66	E		faa	2000
rpdavw	7.66	P		faa	2000
99OPSC~2.DOC	7.67	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.67	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.67	P	Flight 2000: system architecture	mitre	98
MMRPD99.DOC	7.68	P		FAA	99
99OPSC~2.DOC	7.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.68	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.68	Y		FAA	99
mitre 98.15.1	7.68	E		mitre	98
mitre 98.8.1	7.68	P	Flight 2000: system architecture	mitre	98
rpdasc	7.68	P		faa	2000
rpdtfm	7.68	P		faa	2000
rpdndi	7.68	P	program deals with high level NAS operational concepts, fewe	faa	2000
ADLRPD7D.DOC	7.69	E		FAA	99
ADSBRPD.DOC	7.69	E		FAA	99
HF99RPD4.DOC	7.69	P	Program addresses decision suppport tools	FAA	99
MMRPD99.DOC	7.69	P		FAA	99
99OPSC~2.DOC	7.69	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.69	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.69	Y		FAA	99
mitre 98.15.1	7.69	E		mitre	98
mitre 98.9.3	7.69	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	7.69	E		mitre	98
mitre 98.9.1	7.69	E		mitre	98
mitre 98.8.4	7.69	E		mitre	98
mitre 98.7.1	7.69	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	7.69	P	Flight 2000: system architecture	mitre	98
rpdadl	7.69	E		faa	2000
rpdasc	7.69	P		faa	2000
rpdtfm	7.69	P		faa	2000
rpdndi	7.69	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.69	E		faa	2000
rpdhf	7.69	P	Program addresses decision suppport tools	faa	2000
mitre 98.7.1	7.7*	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
ADSBRPD.DOC	7.70*	E		FAA	99
MMRPD99.DOC	7.70*	P		FAA	99
99OPSC~2.DOC	7.70*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.70*	Y	This is the RPD for the 2005 Conops	FAA	99
TFMRPD~1.DOC	7.70*	Y		FAA	99
mitre 98.14.1	7.70*	E		mitre	98
mitre 98.8.4	7.70*	E		mitre	98
mitre 98.9.3	7.70*	P		mitre	98
mitre 98.9.2	7.70*	P		mitre	98
mitre 98.9.1	7.70*	P		mitre	98
mitre 98.8.1	7.70*	P	Flight 2000: system architecture	mitre	98
mitre 98.2.2	7.70*	Y	ATCSCC service providers use automation to resolve recurrent traffic flow problems	mitre	98
mitre 98.2.1.1	7.70*	Y	ATCSCC service providers use automation to resolve recurrent traffic flow problems	mitre	98
rpdasc	7.70*	P		faa	2000
rpdtfm	7.70*	P		faa	2000
rpdndi	7.70*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.70*	E		faa	2000
MMRPD99.DOC	7.71	P		FAA	99
FAARPD144	7.71	P		FAA	99
99OPSC~2.DOC	7.71	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.71	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.71	E		mitre	98
mitre 98.14.1	7.71	E		mitre	98
mitre 98.7.1	7.71	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	7.71	P	Flight 2000: system architecture	mitre	98
faa rpd144	7.71	P		faa	2000
rpdasc	7.71	P		faa	2000
rpdtfm	7.71	P		faa	2000
rpdndi	7.71	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtea	7.71	E		faa	2000
MMRPD99.DOC	7.72	P		FAA	99
99OPSC~2.DOC	7.72	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.72	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.7.1	7.72	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	7.72	P	Flight 2000: system architecture	mitre	98
rpdasc	7.72	P		faa	2000
rpdtfm	7.72	P		faa	2000
rpdndi	7.72	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtea	7.72	E		faa	2000
ADLRPD7D.DOC	7.73	E		FAA	99
MMRPD99.DOC	7.73	P		FAA	99
FAARPD144	7.73	P		FAA	99
99OPSC~2.DOC	7.73	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	7.73	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.73	E		mitre	98
mitre 98.7.1	7.73	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.8.1	7.73	P	Flight 2000: system architecture	mitre	98
faa rpd144	7.73	P		faa	2000
rpdadl	7.73	E		faa	2000
rpdasc	7.73	P		faa	2000
rpdtfm	7.73	P		faa	2000
rpdndi	7.73	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtea	7.73	E		faa	2000
MMRPD99.DOC	7.74	P		FAA	99
NIMS_RPD.doc	7.74	P	Program studies the impact of infrastructure outages	FAA	99
PLANSRPD.DOC	7.74	P		FAA	99
FAARPD143	7.74	P		FAA	99
FAARPD144	7.74	P		FAA	99
FAARPD148	7.74	P		FAA	99
FAARPD150	7.74	P		FAA	99
FAARPD152	7.74	P		FAA	99
FAARPDTBD1	7.74	P		FAA	99
99OPSC~2.DOC	7.74	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.74	Y	This is the RPD for the 2005 Conops	FAA	99
FAARPD136	7.74	Y		FAA	99
mitre 98.14.1	7.74	E		mitre	98
mitre 98.12.1	7.74	E		mitre	98
mitre 98.15.1	7.74	P		mitre	98
mitre 98.8.1	7.74	P	Flight 2000: system architecture	mitre	98
mitre 98.10.1	7.74	Y		mitre	98
faa rpd143	7.74	P		faa	2000
faa rpd144	7.74	P		faa	2000
faa rpd148	7.74	P		faa	2000
faa rpd150	7.74	P		faa	2000
faa rpd152	7.74	P		faa	2000
faa rpd589	7.74	P		faa	2000
planrpd.doc	7.74	P		faa	2000
faa rpd136	7.74	Y		faa	2000
rpdasc	7.74	P		faa	2000
rpdndi	7.74	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtec	7.74	E		faa	2000
rpdtea	7.74	P		faa	2000
99OPSC~2.DOC	7.75	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.75	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	7.75	P	Flight 2000: system architecture	mitre	98
MMRPD99.DOC	7.76	P		FAA	99
NIMS_RPD.doc	7.76	P	Program studies the impact of infrastructure outages	FAA	99
FAARPD136	7.76	P		FAA	99
FAARPD144	7.76	P		FAA	99
FAARPD148	7.76	P		FAA	99
FAARPD150	7.76	P		FAA	99
FAARPD152	7.76	P		FAA	99
FAARPDTBD1	7.76	P		FAA	99
99OPSC~2.DOC	7.76	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.76	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	7.76	P		mitre	98
mitre 98.8.1	7.76	P	Flight 2000: system architecture	mitre	98
mitre 98.10.1	7.76	Y		mitre	98
faa rpd136	7.76	P		faa	2000
faa rpd144	7.76	P		faa	2000
faa rpd148	7.76	P		faa	2000
faa rpd150	7.76	P		faa	2000

Program Name	Requirement	Rating	Notes		
faa rpd152	7.76	P		faa	2000
faa rpd589	7.76	P		faa	2000
rpdasc	7.76	P		faa	2000
rpdndi	7.76	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtec	7.76	E		faa	2000
rpdtea	7.76	E		faa	2000
AND620.DOC	7.77	E		FAA	99
TA_EE_~1.DOC	7.77	E		FAA	99
ADLRPD7D.DOC	7.77	P		FAA	99
ADSBRPD.DOC	7.77	P		FAA	99
MMRPD99.DOC	7.77	P		FAA	99
NIMS_RPD.doc	7.77	P	Program studies the impact of infrastructure outages	FAA	99
FAARPD152	7.77	P		FAA	99
99OPSC~2.DOC	7.77	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.77	Y	This is the RPD for the 2005 Conops	FAA	99
AWAFRPD.DOC	7.77	Y		FAA	99
FAARPDTBD1	7.77	Y		FAA	99
mitre 98.9.3	7.77	E		mitre	98
mitre 98.9.2	7.77	E		mitre	98
mitre 98.9.1	7.77	E		mitre	98
mitre 98.12.1	7.77	E		mitre	98
mitre 98.9.3	7.77	E		mitre	98
mitre 98.9.2	7.77	E		mitre	98
mitre 98.9.1	7.77	E		mitre	98
mitre 98.15.1	7.77	P		mitre	98
mitre 98.12.5	7.77	P		mitre	98
mitre 98.10.1	7.77	P		mitre	98
mitre 98.8.4	7.77	P		mitre	98
mitre 98.8.1	7.77	P	Flight 2000: system architecture	mitre	98
mitre 98.6.3	7.77	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.2	7.77	P	program deals with investment in next-generation air/ground radio	mitre	98
aea	7.77	E		faa	2000
eeec.doc	7.77	E		faa	2000
faa rpd152	7.77	P		faa	2000
faa rpd589	7.77	Y		faa	2000
rpdadl	7.77	P		faa	2000
rpdasc	7.77	P		faa	2000
rpdvos	7.77	P		faa	2000
rpdndi	7.77	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtca	7.77	E		faa	2000
rpdads	7.77	P		faa	2000
rpdavw	7.77	Y		faa	2000
rpdtea	7.77	E		faa	2000
ADSBRPD.DOC	7.78	E		FAA	99
ADLRPD7D.DOC	7.78	P		FAA	99
MMRPD99.DOC	7.78	P		FAA	99
NIMS_RPD.doc	7.78	P	Program studies the impact of infrastructure outages	FAA	99
FAARPD132	7.78	P	Design of airports may dictate what services are provided directly to FAA customers	FAA	99
FAARPD146	7.78	P		FAA	99
FAARPDTBD1	7.78	P		FAA	99
99OPSC~2.DOC	7.78	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.78	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.9.3	7.78	E		mitre	98
mitre 98.9.2	7.78	E		mitre	98
mitre 98.9.1	7.78	E		mitre	98
mitre 98.8.4	7.78	E		mitre	98
mitre 98.5.1	7.78	E	nav broadcasts provided directly to FAA customers	mitre	98
mitre 98.10.1	7.78	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.1	7.78	P	Flight 2000: system architecture	mitre	98
faa rpd132	7.78	P	Design of airports may dictate what services are provided directly to FAA customers	faa	2000
faa rpd146	7.78	P		faa	2000
faa rpd589	7.78	P		faa	2000
rpdadl	7.78	P		faa	2000
rpdasc	7.78	P		faa	2000
rpdndi	7.78	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdads	7.78	E		faa	2000
rpdtea	7.78	E		faa	2000
MMRPD99.DOC	8.1	E		FAA	99
NIMS_RPD.doc	8.1	P		FAA	99
99OPSC~2.DOC	8.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.1	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	8.1	P		mitre	98
mitre 98.8.1	8.1	P	Flight 2000: system architecture	mitre	98
rpdasc	8.1	E		faa	2000
rpdndi	8.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
99OPSC~2.DOC	8.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.2	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	8.2	P	Flight 2000: system architecture	mitre	98
MMRPD99.DOC	8.3	E		FAA	99
NIMS_RPD.doc	8.3	P		FAA	99
99OPSC~2.DOC	8.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.3	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	8.3	E		mitre	98
mitre 98.8.1	8.3	P	Flight 2000: system architecture	mitre	98
faa 3rpd20ma	8.3	Y	maintenance management helps manage fiscal resources	faa	2000
rpdasc	8.3	E		faa	2000
rpdndi	8.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtec	8.3	P		faa	2000
MMRPD99.DOC	8.4	E		FAA	99
HF99RPD4.DOC	8.4	P	Program addresses decision suppport tools	FAA	99
NIMS_RPD.doc	8.4	P		FAA	99
99OPSC~2.DOC	8.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.4	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	8.4	E		mitre	98
mitre 98.10.1	8.4	P		mitre	98
mitre 98.8.1	8.4	P	Flight 2000: system architecture	mitre	98
faa 3rpd20ma	8.4	P	maintenance management aids managing operations	faa	2000
rpdasc	8.4	E		faa	2000
rpdndi	8.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdhf	8.4	P	Program addresses decision suppport tools	faa	2000
rpdtec	8.4	E		faa	2000
99OPSC~2.DOC	8.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.5	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	8.5	P	Flight 2000: system architecture	mitre	98
MMRPD99.DOC	8.6	E		FAA	99
99OPSC~2.DOC	8.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.6	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	8.6	P	Flight 2000: system architecture	mitre	98
rpdasc	8.6	E		faa	2000
rpdndi	8.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
99OPSC~2.DOC	8.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.7	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	8.7	P	Flight 2000: system architecture	mitre	98
MMRPD99.DOC	8.8	E		FAA	99
NIMS_RPD.doc	8.8	P		FAA	99
99OPSC~2.DOC	8.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.8	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
mitre 98.15.1	8.8	E		mitre	98
mitre 98.10.1	8.8	E		mitre	98
mitre 98.8.1	8.8	P	Flight 2000: system architecture	mitre	98
rpdasc	8.8	E		faa	2000
rpdndi	8.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	8.9	E		FAA	99
NIMS_RPD.doc	8.9	P		FAA	99
PLANSRPD.DOC	8.9	P		FAA	99
99OPSC~2.DOC	8.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.9	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.10.1	8.9	E		mitre	98
mitre 98.8.1	8.9	P	Flight 2000: system architecture	mitre	98
planrpd.doc	8.9	P		faa	2000
rpdasc	8.9	E		faa	2000
rpdndi	8.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	8.10*	E		FAA	99
NIMS_RPD.doc	8.10*	P		FAA	99
PLANSRPD.DOC	8.10*	P		FAA	99
99OPSC~2.DOC	8.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.10*	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.11.1	8.10*	E		mitre	98
mitre 98.8.1	8.10*	P	Flight 2000: system architecture	mitre	98
planrpd.doc	8.10*	P		faa	2000
rpdasc	8.10*	E		faa	2000
rpdndi	8.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtec	8.10*	P		faa	2000
MMRPD99.DOC	8.11	E		FAA	99
NIMS_RPD.doc	8.11	P		FAA	99
PLANSRPD.DOC	8.11	P		FAA	99
99OPSC~2.DOC	8.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.11	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.12.1	8.11	E		mitre	98
mitre 98.8.1	8.11	P	Flight 2000: system architecture	mitre	98
planrpd.doc	8.11	P		faa	2000
rpdasc	8.11	E		faa	2000
rpdndi	8.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	8.12	E		FAA	99
NIMS_RPD.doc	8.12	P		FAA	99
PLANSRPD.DOC	8.12	P		FAA	99
99OPSC~2.DOC	8.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.12	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	8.12	E		mitre	98
mitre 98.11.1	8.12	E		mitre	98
mitre 98.8.1	8.12	P	Flight 2000: system architecture	mitre	98
faa 3rpd20ma	8.12	P	maintenance management affects resource allocation decisions	faa	2000
planrpd.doc	8.12	P		faa	2000
rpdasc	8.12	E		faa	2000
rpdndi	8.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtec	8.12	P		faa	2000
MMRPD99.DOC	8.13	E		FAA	99
99OPSC~2.DOC	8.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.13	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	8.13	P	Flight 2000: system architecture	mitre	98
rpdasc	8.13	E		faa	2000
rpdndi	8.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	8.14	E		FAA	99
NIMS_RPD.doc	8.14	P	program addresses training issues	FAA	99
99OPSC~2.DOC	8.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.14	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
mitre 98.15.1	8.14	E		mitre	98
mitre 98.8.1	8.14	P	Flight 2000: system architecture	mitre	98
rpdasc	8.14	E		faa	2000
rpdndi	8.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
MMRPD99.DOC	8.15	E		FAA	99
NIMS_RPD.doc	8.15	P		FAA	99
99OPSC~2.DOC	8.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.15	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	8.15	E		mitre	98
mitre 98.11.1	8.15	E		mitre	98
mitre 98.8.1	8.15	P	Flight 2000: system architecture	mitre	98
rpdasc	8.15	E		faa	2000
rpdndi	8.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdtec	8.15	E		faa	2000
99OPSC~2.DOC	8.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.16	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	8.16	P	Flight 2000: system architecture	mitre	98
MMRPD99.DOC	8.17	E		FAA	99
NIMS_RPD.doc	8.17	P	program addresses training issues	FAA	99
TFMRPD~1.DOC	8.17	P	program addresses reduction of controller workload	FAA	99
99OPSC~2.DOC	8.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.17	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.15.1	8.17	E		mitre	98
mitre 98.8.1	8.17	P	Flight 2000: system architecture	mitre	98
rpdasc	8.17	E		faa	2000
rpdndi	8.17	P	program deals with high level NAS operational concepts, fewe	faa	2000
99OPSC~2.DOC	8.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.18	Y	This is the RPD for the 2005 Conops	FAA	99
mitre 98.8.1	8.18	P	Flight 2000: system architecture	mitre	98

APPENDIX F. MAPPING OF LEVEL 1 CONOPS TO PROGRAMS

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	1.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.30*	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	1.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	1.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.15	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	2.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	2.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.23	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	3.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	3.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.8	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	4.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.38	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	4.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.60*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.60*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.67	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.67	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	4.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.1	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	5.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.6.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.6.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.6.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.6.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.9.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.9.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.9.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.9.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.30*	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	5.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.59	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.59	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.60*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.60*	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	5.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.67	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.67	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.69	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.69	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.70*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.70*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.71	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.71	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.72	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.72	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.73	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	5.73	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.17	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	6.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	6.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.7	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	7.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.19	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.20*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.21	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.22	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.23	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.24	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.25	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.26	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.27	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.28	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.29	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.30*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.31	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.32	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.33	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.34	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.35	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.36	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.37	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.37	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	7.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.38	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.39	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.40*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.41	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.42	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.43	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.44	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.45	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.46	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.47	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.48	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.49	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.50*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.51	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.52	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.53	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.54	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.55	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.56	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.57	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.58	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.59	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.59	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.60*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.60*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.61	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.62	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.63	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.64	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.65	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.66	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.67	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.67	Y	This is the RPD for the 2005 Conops	FAA	99

Program Name	Requirement	Rating	Notes		
99OPSC~2.DOC	7.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.68	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.69	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.69	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.70*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.70*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.71	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.71	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.72	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.72	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.73	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.73	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.74	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.74	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.75	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.75	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.76	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.76	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.77	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.77	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.78	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	7.78	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.1	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.2	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.3	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.4	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.5	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.6	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.7	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.8	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.9	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.10*	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.11	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.12	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.13	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.14	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.15	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.16	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.17	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.18	Y	This is the RPD for the 2005 Conops	FAA	99
99OPSC~2.DOC	8.18	Y	This is the RPD for the 2005 Conops	FAA	99
ADLRPD7D.DOC	1.2	Y	airborne-ground interaction requires data link	FAA	99
ADLRPD7D.DOC	1.5	Y	comm needed	FAA	99

Program Name	Requirement	Rating	Notes		
ADLRPD7D.DOC	1.7	E	new equipment	FAA	99
ADLRPD7D.DOC	1.10*	E	free flight will require more comm	FAA	99
ADLRPD7D.DOC	1.12	E	information exchange needs comm	FAA	99
ADLRPD7D.DOC	1.16	P	improved air/ground comm	FAA	99
ADLRPD7D.DOC	1.23	E	data from NAS wide info system must be distributed via comm	FAA	99
ADLRPD7D.DOC	1.24	P	data exchange	FAA	99
ADLRPD7D.DOC	1.28	Y	seamless comm	FAA	99
ADLRPD7D.DOC	1.29	Y	seamless comm	FAA	99
ADLRPD7D.DOC	1.30*	Y	seamless comm allows increased collaboration	FAA	99
ADLRPD7D.DOC	1.37	E	collaboration requires comm	FAA	99
ADLRPD7D.DOC	2.1	P	Datalink may be integral to this process.	FAA	99
ADLRPD7D.DOC	2.2	P		FAA	99
ADLRPD7D.DOC	2.3	P		FAA	99
ADLRPD7D.DOC	2.4	P		FAA	99
ADLRPD7D.DOC	2.5	P		FAA	99
ADLRPD7D.DOC	2.7	Y		FAA	99
ADLRPD7D.DOC	2.9	P		FAA	99
ADLRPD7D.DOC	2.10*	P		FAA	99
ADLRPD7D.DOC	2.11	P	Information will most likely be exchanged through datalink	FAA	99
ADLRPD7D.DOC	2.12	P		FAA	99
ADLRPD7D.DOC	2.13	P		FAA	99
ADLRPD7D.DOC	2.14	P		FAA	99
ADLRPD7D.DOC	2.15	P		FAA	99
ADLRPD7D.DOC	2.16	P		FAA	99
ADLRPD7D.DOC	2.17	P		FAA	99
ADLRPD7D.DOC	2.20*	E		FAA	99
ADLRPD7D.DOC	2.21	E		FAA	99
ADLRPD7D.DOC	2.22	P		FAA	99
ADLRPD7D.DOC	3.3	Y		FAA	99
ADLRPD7D.DOC	3.5	Y		FAA	99
ADLRPD7D.DOC	3.6	E		FAA	99
ADLRPD7D.DOC	3.7	E		FAA	99
ADLRPD7D.DOC	3.8	Y		FAA	99
ADLRPD7D.DOC	3.9	Y		FAA	99
ADLRPD7D.DOC	3.10*	Y		FAA	99
ADLRPD7D.DOC	3.11	E		FAA	99
ADLRPD7D.DOC	3.12	P		FAA	99
ADLRPD7D.DOC	3.15	P		FAA	99
ADLRPD7D.DOC	3.18	Y		FAA	99
ADLRPD7D.DOC	3.19	Y		FAA	99
ADLRPD7D.DOC	3.20*	Y		FAA	99
ADLRPD7D.DOC	3.21	Y		FAA	99
ADLRPD7D.DOC	3.23	E		FAA	99
ADLRPD7D.DOC	3.24	Y		FAA	99
ADLRPD7D.DOC	3.25	Y		FAA	99
ADLRPD7D.DOC	3.26	Y		FAA	99
ADLRPD7D.DOC	3.27	Y		FAA	99
ADLRPD7D.DOC	3.28	E		FAA	99
ADLRPD7D.DOC	3.30*	P		FAA	99
ADLRPD7D.DOC	3.31	P		FAA	99
ADLRPD7D.DOC	3.32	P		FAA	99
ADLRPD7D.DOC	3.33	E		FAA	99
ADLRPD7D.DOC	3.36	P		FAA	99
ADLRPD7D.DOC	3.37	P		FAA	99
ADLRPD7D.DOC	3.40*	P		FAA	99
ADLRPD7D.DOC	3.42	P		FAA	99
ADLRPD7D.DOC	3.43	E		FAA	99
ADLRPD7D.DOC	3.44	E		FAA	99
ADLRPD7D.DOC	3.45	E		FAA	99

Program Name	Requirement	Rating	Notes		
ADLRPD7D.DOC	4.2	P		FAA	99
ADLRPD7D.DOC	4.3	E		FAA	99
ADLRPD7D.DOC	4.5	Y		FAA	99
ADLRPD7D.DOC	4.6	Y		FAA	99
ADLRPD7D.DOC	4.7	Y		FAA	99
ADLRPD7D.DOC	4.8	Y		FAA	99
ADLRPD7D.DOC	4.9	E		FAA	99
ADLRPD7D.DOC	4.11	Y		FAA	99
ADLRPD7D.DOC	4.12	Y		FAA	99
ADLRPD7D.DOC	4.14	Y		FAA	99
ADLRPD7D.DOC	4.15	Y		FAA	99
ADLRPD7D.DOC	4.16	Y		FAA	99
ADLRPD7D.DOC	4.18	Y		FAA	99
ADLRPD7D.DOC	4.20*	E		FAA	99
ADLRPD7D.DOC	4.24	P		FAA	99
ADLRPD7D.DOC	4.25	P		FAA	99
ADLRPD7D.DOC	4.26	P		FAA	99
ADLRPD7D.DOC	4.27	P		FAA	99
ADLRPD7D.DOC	4.28	P		FAA	99
ADLRPD7D.DOC	4.29	P		FAA	99
ADLRPD7D.DOC	4.33	E		FAA	99
ADLRPD7D.DOC	4.34	P		FAA	99
ADLRPD7D.DOC	4.35	E		FAA	99
ADLRPD7D.DOC	4.36	Y		FAA	99
ADLRPD7D.DOC	4.39	E		FAA	99
ADLRPD7D.DOC	4.40*	E		FAA	99
ADLRPD7D.DOC	4.42	P		FAA	99
ADLRPD7D.DOC	4.44	E		FAA	99
ADLRPD7D.DOC	4.45	E		FAA	99
ADLRPD7D.DOC	4.46	E		FAA	99
ADLRPD7D.DOC	4.48	E		FAA	99
ADLRPD7D.DOC	4.49	E		FAA	99
ADLRPD7D.DOC	4.50*	E		FAA	99
ADLRPD7D.DOC	4.52	E		FAA	99
ADLRPD7D.DOC	4.53	E		FAA	99
ADLRPD7D.DOC	4.54	P		FAA	99
ADLRPD7D.DOC	4.56	E		FAA	99
ADLRPD7D.DOC	4.57	E		FAA	99
ADLRPD7D.DOC	4.66	P		FAA	99
ADLRPD7D.DOC	5.1	E		FAA	99
ADLRPD7D.DOC	5.2	E		FAA	99
ADLRPD7D.DOC	5.4	E		FAA	99
ADLRPD7D.DOC	5.4	E		FAA	99
ADLRPD7D.DOC	5.5	P		FAA	99
ADLRPD7D.DOC	5.6.2	E		FAA	99
ADLRPD7D.DOC	5.7	E		FAA	99
ADLRPD7D.DOC	5.8	P		FAA	99
ADLRPD7D.DOC	5.9.2	E		FAA	99
ADLRPD7D.DOC	5.10*	E		FAA	99
ADLRPD7D.DOC	5.12	P		FAA	99
ADLRPD7D.DOC	5.13	E		FAA	99
ADLRPD7D.DOC	5.14	Y		FAA	99
ADLRPD7D.DOC	5.15	Y		FAA	99
ADLRPD7D.DOC	5.18	P		FAA	99
ADLRPD7D.DOC	5.22	E		FAA	99
ADLRPD7D.DOC	5.23	P		FAA	99
ADLRPD7D.DOC	5.24	Y		FAA	99
ADLRPD7D.DOC	5.25	E		FAA	99
ADLRPD7D.DOC	5.26	Y		FAA	99
ADLRPD7D.DOC	5.27	P		FAA	99

Program Name	Requirement	Rating	Notes		
ADLRPD7D.DOC	5.28	P		FAA	99
ADLRPD7D.DOC	5.32	P		FAA	99
ADLRPD7D.DOC	5.33	P		FAA	99
ADLRPD7D.DOC	5.34	P		FAA	99
ADLRPD7D.DOC	5.35	E		FAA	99
ADLRPD7D.DOC	5.38	P		FAA	99
ADLRPD7D.DOC	5.39	P		FAA	99
ADLRPD7D.DOC	5.41	Y		FAA	99
ADLRPD7D.DOC	5.43	E		FAA	99
ADLRPD7D.DOC	5.45	E		FAA	99
ADLRPD7D.DOC	5.46	E		FAA	99
ADLRPD7D.DOC	5.48	E		FAA	99
ADLRPD7D.DOC	5.49	E		FAA	99
ADLRPD7D.DOC	5.50*	E		FAA	99
ADLRPD7D.DOC	5.53	E		FAA	99
ADLRPD7D.DOC	5.55	E		FAA	99
ADLRPD7D.DOC	5.56	E		FAA	99
ADLRPD7D.DOC	5.57	E		FAA	99
ADLRPD7D.DOC	5.61	E		FAA	99
ADLRPD7D.DOC	5.62	E		FAA	99
ADLRPD7D.DOC	5.63	E		FAA	99
ADLRPD7D.DOC	5.64	Y		FAA	99
ADLRPD7D.DOC	5.66	E		FAA	99
ADLRPD7D.DOC	5.73	E		FAA	99
ADLRPD7D.DOC	6.2	Y		FAA	99
ADLRPD7D.DOC	6.4	E		FAA	99
ADLRPD7D.DOC	6.6	Y		FAA	99
ADLRPD7D.DOC	6.7	P		FAA	99
ADLRPD7D.DOC	6.8	Y		FAA	99
ADLRPD7D.DOC	6.9	E		FAA	99
ADLRPD7D.DOC	6.10*	E		FAA	99
ADLRPD7D.DOC	6.14	P		FAA	99
ADLRPD7D.DOC	6.15	E		FAA	99
ADLRPD7D.DOC	6.21	E		FAA	99
ADLRPD7D.DOC	6.23	P		FAA	99
ADLRPD7D.DOC	6.24	E		FAA	99
ADLRPD7D.DOC	6.25	smE		FAA	99
ADLRPD7D.DOC	6.27	E		FAA	99
ADLRPD7D.DOC	6.30*	E		FAA	99
ADLRPD7D.DOC	6.31	P		FAA	99
ADLRPD7D.DOC	6.33	P		FAA	99
ADLRPD7D.DOC	6.35	Y		FAA	99
ADLRPD7D.DOC	6.36	Y		FAA	99
ADLRPD7D.DOC	6.38	E		FAA	99
ADLRPD7D.DOC	6.39	E		FAA	99
ADLRPD7D.DOC	6.40*	E		FAA	99
ADLRPD7D.DOC	7.1	P		FAA	99
ADLRPD7D.DOC	7.2	E		FAA	99
ADLRPD7D.DOC	7.5	E		FAA	99
ADLRPD7D.DOC	7.6	E		FAA	99
ADLRPD7D.DOC	7.10*	P		FAA	99
ADLRPD7D.DOC	7.11	E		FAA	99
ADLRPD7D.DOC	7.16	E		FAA	99
ADLRPD7D.DOC	7.17	P		FAA	99
ADLRPD7D.DOC	7.18	E		FAA	99
ADLRPD7D.DOC	7.25	E		FAA	99
ADLRPD7D.DOC	7.27	P		FAA	99
ADLRPD7D.DOC	7.28	P		FAA	99
ADLRPD7D.DOC	7.32	E		FAA	99
ADLRPD7D.DOC	7.33	E		FAA	99

Program Name	Requirement	Rating	Notes		
ADLRPD7D.DOC	7.37	E		FAA	99
ADLRPD7D.DOC	7.38	E		FAA	99
ADLRPD7D.DOC	7.39	E		FAA	99
ADLRPD7D.DOC	7.41	E		FAA	99
ADLRPD7D.DOC	7.43	E		FAA	99
ADLRPD7D.DOC	7.44	E		FAA	99
ADLRPD7D.DOC	7.45	E		FAA	99
ADLRPD7D.DOC	7.46	E		FAA	99
ADLRPD7D.DOC	7.48	E		FAA	99
ADLRPD7D.DOC	7.51	E		FAA	99
ADLRPD7D.DOC	7.53	E		FAA	99
ADLRPD7D.DOC	7.54	E		FAA	99
ADLRPD7D.DOC	7.57	E		FAA	99
ADLRPD7D.DOC	7.58	E		FAA	99
ADLRPD7D.DOC	7.60*	E		FAA	99
ADLRPD7D.DOC	7.61	E		FAA	99
ADLRPD7D.DOC	7.64	E		FAA	99
ADLRPD7D.DOC	7.65	E		FAA	99
ADLRPD7D.DOC	7.66	E		FAA	99
ADLRPD7D.DOC	7.69	E		FAA	99
ADLRPD7D.DOC	7.73	E		FAA	99
ADLRPD7D.DOC	7.77	P		FAA	99
ADLRPD7D.DOC	7.78	P		FAA	99
ADSBRPD.DOC	1.2	Y	ground a airborne infrastructure	FAA	99
ADSBRPD.DOC	1.5	Y	comm / surveillance	FAA	99
ADSBRPD.DOC	1.7	E	ADS-B means new equipment	FAA	99
ADSBRPD.DOC	1.10*	Y	supports free flight	FAA	99
ADSBRPD.DOC	1.12	Y	information exchange	FAA	99
ADSBRPD.DOC	1.16	Y	air / ground coordination and comm	FAA	99
ADSBRPD.DOC	1.17	Y	flight deck in separation responsibility	FAA	99
ADSBRPD.DOC	1.20*	Y	separation is flight deck responsibility some times	FAA	99
ADSBRPD.DOC	2.2	E		FAA	99
ADSBRPD.DOC	2.3	P		FAA	99
ADSBRPD.DOC	2.5	P		FAA	99
ADSBRPD.DOC	2.7	E		FAA	99
ADSBRPD.DOC	2.10*	P		FAA	99
ADSBRPD.DOC	2.20*	E		FAA	99
ADSBRPD.DOC	2.21	E		FAA	99
ADSBRPD.DOC	2.22	E		FAA	99
ADSBRPD.DOC	3.3	Y	ADSB can be used for ground applications as well as for flighty ops	FAA	99
ADSBRPD.DOC	3.5	Y	this system will increase airport safety	FAA	99
ADSBRPD.DOC	3.6	P	adsb could be considered part of a SDE (surface detection equip)system	FAA	99
ADSBRPD.DOC	3.10*	P	adsb could provide the information needed in non-radar environments for traffic flow mgt.	FAA	99
ADSBRPD.DOC	3.11	P	adsb could feed the surface DSS with location data	FAA	99
ADSBRPD.DOC	3.12	P	adsb provides neccesary data for automation systems	FAA	99
ADSBRPD.DOC	3.15	Y	adsb provides aeronautical data	FAA	99
ADSBRPD.DOC	3.21	Y	adsb provides a/c location	FAA	99
ADSBRPD.DOC	3.23	P	adsb provides neccasary data for "surface mgt. Info sys."	FAA	99
ADSBRPD.DOC	3.24	Y	it does provide data to service provider and other a/c	FAA	99
ADSBRPD.DOC	3.25	P		FAA	99
ADSBRPD.DOC	3.28	Y		FAA	99
ADSBRPD.DOC	3.29	P		FAA	99
ADSBRPD.DOC	3.30*	Y		FAA	99
ADSBRPD.DOC	3.31	Y		FAA	99
ADSBRPD.DOC	3.32	Y		FAA	99
ADSBRPD.DOC	3.33	Y		FAA	99
ADSBRPD.DOC	3.36	P	adsb provides the monitoring info required	FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	3.37	P		FAA	99
ADSBRPD.DOC	3.38	E		FAA	99
ADSBRPD.DOC	3.39	E		FAA	99
ADSBRPD.DOC	3.40*	P		FAA	99
ADSBRPD.DOC	3.42	P		FAA	99
ADSBRPD.DOC	3.43	P		FAA	99
ADSBRPD.DOC	3.44	P	adsb provides established a/c movements for taxi situations	FAA	99
ADSBRPD.DOC	3.45	P		FAA	99
ADSBRPD.DOC	4.2	P	adsb provides the data	FAA	99
ADSBRPD.DOC	4.3	E		FAA	99
ADSBRPD.DOC	4.5	Y		FAA	99
ADSBRPD.DOC	4.6	E	could be intergrated into existing system	FAA	99
ADSBRPD.DOC	4.7	E		FAA	99
ADSBRPD.DOC	4.8	E		FAA	99
ADSBRPD.DOC	4.9	Y		FAA	99
ADSBRPD.DOC	4.11	Y		FAA	99
ADSBRPD.DOC	4.12	Y		FAA	99
ADSBRPD.DOC	4.15	Y		FAA	99
ADSBRPD.DOC	4.16	Y		FAA	99
ADSBRPD.DOC	4.20*	Y		FAA	99
ADSBRPD.DOC	4.21	Y		FAA	99
ADSBRPD.DOC	4.22	P		FAA	99
ADSBRPD.DOC	4.23	E		FAA	99
ADSBRPD.DOC	4.24	E		FAA	99
ADSBRPD.DOC	4.25	Y		FAA	99
ADSBRPD.DOC	4.26	Y		FAA	99
ADSBRPD.DOC	4.27	Y		FAA	99
ADSBRPD.DOC	4.28	P		FAA	99
ADSBRPD.DOC	4.29	P		FAA	99
ADSBRPD.DOC	4.31	P		FAA	99
ADSBRPD.DOC	4.32	P		FAA	99
ADSBRPD.DOC	4.33	P		FAA	99
ADSBRPD.DOC	4.34	Y		FAA	99
ADSBRPD.DOC	4.35	Y		FAA	99
ADSBRPD.DOC	4.38	E		FAA	99
ADSBRPD.DOC	4.39	Y		FAA	99
ADSBRPD.DOC	4.40*	Y		FAA	99
ADSBRPD.DOC	4.42	E		FAA	99
ADSBRPD.DOC	4.43	Y		FAA	99
ADSBRPD.DOC	4.44	Y		FAA	99
ADSBRPD.DOC	4.45	E		FAA	99
ADSBRPD.DOC	4.46	Y		FAA	99
ADSBRPD.DOC	4.48	P		FAA	99
ADSBRPD.DOC	4.49	P		FAA	99
ADSBRPD.DOC	4.50*	P		FAA	99
ADSBRPD.DOC	4.54	E		FAA	99
ADSBRPD.DOC	4.55	E		FAA	99
ADSBRPD.DOC	4.57	P		FAA	99
ADSBRPD.DOC	4.58	P		FAA	99
ADSBRPD.DOC	4.60*	Y		FAA	99
ADSBRPD.DOC	4.61	Y		FAA	99
ADSBRPD.DOC	4.62	P		FAA	99
ADSBRPD.DOC	4.63	P		FAA	99
ADSBRPD.DOC	4.64	P		FAA	99
ADSBRPD.DOC	4.66	Y		FAA	99
ADSBRPD.DOC	5.1	P		FAA	99
ADSBRPD.DOC	5.2	P		FAA	99
ADSBRPD.DOC	5.4	P		FAA	99
ADSBRPD.DOC	5.7	Y		FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	5.8	Y		FAA	99
ADSBRPD.DOC	5.9.2	P		FAA	99
ADSBRPD.DOC	5.10*	P		FAA	99
ADSBRPD.DOC	5.12	Y		FAA	99
ADSBRPD.DOC	5.13	Y		FAA	99
ADSBRPD.DOC	5.14	Y		FAA	99
ADSBRPD.DOC	5.15	Y		FAA	99
ADSBRPD.DOC	5.18	Y		FAA	99
ADSBRPD.DOC	5.20*	P		FAA	99
ADSBRPD.DOC	5.22	P		FAA	99
ADSBRPD.DOC	5.25	Y		FAA	99
ADSBRPD.DOC	5.30*	P		FAA	99
ADSBRPD.DOC	5.31	P		FAA	99
ADSBRPD.DOC	5.32	P		FAA	99
ADSBRPD.DOC	5.34	P		FAA	99
ADSBRPD.DOC	5.35	P		FAA	99
ADSBRPD.DOC	5.37	P		FAA	99
ADSBRPD.DOC	5.39	P		FAA	99
ADSBRPD.DOC	5.41	Y		FAA	99
ADSBRPD.DOC	5.42	P		FAA	99
ADSBRPD.DOC	5.43	P		FAA	99
ADSBRPD.DOC	5.45	P		FAA	99
ADSBRPD.DOC	5.49	E		FAA	99
ADSBRPD.DOC	5.51	P		FAA	99
ADSBRPD.DOC	5.53	E		FAA	99
ADSBRPD.DOC	5.56	P		FAA	99
ADSBRPD.DOC	5.57	P		FAA	99
ADSBRPD.DOC	5.58	P		FAA	99
ADSBRPD.DOC	5.59	P		FAA	99
ADSBRPD.DOC	5.60*	P		FAA	99
ADSBRPD.DOC	5.61	E		FAA	99
ADSBRPD.DOC	5.63	P		FAA	99
ADSBRPD.DOC	5.64	E		FAA	99
ADSBRPD.DOC	5.66	E		FAA	99
ADSBRPD.DOC	5.71	E		FAA	99
ADSBRPD.DOC	6.2	Y		FAA	99
ADSBRPD.DOC	6.3	Y		FAA	99
ADSBRPD.DOC	6.4	Y		FAA	99
ADSBRPD.DOC	6.5	P		FAA	99
ADSBRPD.DOC	6.6	P		FAA	99
ADSBRPD.DOC	6.7	Y		FAA	99
ADSBRPD.DOC	6.9	P		FAA	99
ADSBRPD.DOC	6.10*	P		FAA	99
ADSBRPD.DOC	6.12	P		FAA	99
ADSBRPD.DOC	6.13	Y		FAA	99
ADSBRPD.DOC	6.14	Y		FAA	99
ADSBRPD.DOC	6.15	P		FAA	99
ADSBRPD.DOC	6.16	P		FAA	99
ADSBRPD.DOC	6.20*	E		FAA	99
ADSBRPD.DOC	6.21	Y		FAA	99
ADSBRPD.DOC	6.22	Y		FAA	99
ADSBRPD.DOC	6.23	Y		FAA	99
ADSBRPD.DOC	6.24	Y		FAA	99
ADSBRPD.DOC	6.25	P		FAA	99
ADSBRPD.DOC	6.26	P		FAA	99
ADSBRPD.DOC	6.27	P		FAA	99
ADSBRPD.DOC	6.28	P		FAA	99
ADSBRPD.DOC	6.30*	E		FAA	99
ADSBRPD.DOC	6.31	P		FAA	99
ADSBRPD.DOC	6.33	Y		FAA	99

Program Name	Requirement	Rating	Notes		
ADSBRPD.DOC	6.34	P		FAA	99
ADSBRPD.DOC	6.35	E		FAA	99
ADSBRPD.DOC	6.36	Y		FAA	99
ADSBRPD.DOC	6.40*	P		FAA	99
ADSBRPD.DOC	7.1	P		FAA	99
ADSBRPD.DOC	7.2	E		FAA	99
ADSBRPD.DOC	7.5	P		FAA	99
ADSBRPD.DOC	7.7	P		FAA	99
ADSBRPD.DOC	7.10*	P		FAA	99
ADSBRPD.DOC	7.11	P		FAA	99
ADSBRPD.DOC	7.12	E		FAA	99
ADSBRPD.DOC	7.13	P		FAA	99
ADSBRPD.DOC	7.14	P		FAA	99
ADSBRPD.DOC	7.16	P		FAA	99
ADSBRPD.DOC	7.18	P		FAA	99
ADSBRPD.DOC	7.24	E		FAA	99
ADSBRPD.DOC	7.25	P		FAA	99
ADSBRPD.DOC	7.27	P		FAA	99
ADSBRPD.DOC	7.32	P		FAA	99
ADSBRPD.DOC	7.35	E		FAA	99
ADSBRPD.DOC	7.37	E		FAA	99
ADSBRPD.DOC	7.43	E		FAA	99
ADSBRPD.DOC	7.44	E		FAA	99
ADSBRPD.DOC	7.46	E		FAA	99
ADSBRPD.DOC	7.47	E		FAA	99
ADSBRPD.DOC	7.51	P		FAA	99
ADSBRPD.DOC	7.52	P		FAA	99
ADSBRPD.DOC	7.57	P		FAA	99
ADSBRPD.DOC	7.58	P		FAA	99
ADSBRPD.DOC	7.61	E		FAA	99
ADSBRPD.DOC	7.62	E		FAA	99
ADSBRPD.DOC	7.65	E		FAA	99
ADSBRPD.DOC	7.66	E		FAA	99
ADSBRPD.DOC	7.69	E		FAA	99
ADSBRPD.DOC	7.70*	E		FAA	99
ADSBRPD.DOC	7.77	P		FAA	99
ADSBRPD.DOC	7.78	E		FAA	99
AND620.DOC	1.2	Y	airborne system	FAA	99
AND620.DOC	1.5	P	surveillance system	FAA	99
AND620.DOC	1.7	Y	evolution through equipment	FAA	99
AND620.DOC	1.9	E		FAA	99
AND620.DOC	1.10*	E	free flight enabled by onboard systems	FAA	99
AND620.DOC	1.14	E	situation awareness through operational assessments	FAA	99
AND620.DOC	1.17	Y	conflict detection	FAA	99
AND620.DOC	1.20*	P	separation assurance	FAA	99
AND620.DOC	4.3	E		FAA	99
AND620.DOC	4.4	E		FAA	99
AND620.DOC	4.12	E		FAA	99
AND620.DOC	4.21	Y		FAA	99
AND620.DOC	4.22	E		FAA	99
AND620.DOC	4.23	E		FAA	99
AND620.DOC	4.25	P		FAA	99
AND620.DOC	4.26	P		FAA	99
AND620.DOC	4.32	E		FAA	99
AND620.DOC	4.44	E		FAA	99
AND620.DOC	4.45	P		FAA	99
AND620.DOC	4.63	E		FAA	99
AND620.DOC	4.66	E		FAA	99
AND620.DOC	5.1	E		FAA	99
AND620.DOC	5.2	E		FAA	99

Program Name	Requirement	Rating	Notes		
AND620.DOC	5.7	E		FAA	99
AND620.DOC	5.10*	E		FAA	99
AND620.DOC	5.11	E		FAA	99
AND620.DOC	5.12	E		FAA	99
AND620.DOC	5.13	E		FAA	99
AND620.DOC	5.14	E		FAA	99
AND620.DOC	5.15	E		FAA	99
AND620.DOC	5.18	P		FAA	99
AND620.DOC	5.30*	E		FAA	99
AND620.DOC	5.31	E		FAA	99
AND620.DOC	5.35	Y		FAA	99
AND620.DOC	5.37	E		FAA	99
AND620.DOC	5.45	E		FAA	99
AND620.DOC	6.2	P		FAA	99
AND620.DOC	6.3	E		FAA	99
AND620.DOC	6.4	E		FAA	99
AND620.DOC	6.5	E		FAA	99
AND620.DOC	6.12	E		FAA	99
AND620.DOC	6.20*	E		FAA	99
AND620.DOC	6.22	E		FAA	99
AND620.DOC	6.23	Y		FAA	99
AND620.DOC	6.25	P		FAA	99
AND620.DOC	6.26	E		FAA	99
AND620.DOC	6.33	E		FAA	99
AND620.DOC	6.36	P		FAA	99
AND620.DOC	7.1	E		FAA	99
AND620.DOC	7.11	E		FAA	99
AND620.DOC	7.12	E		FAA	99
AND620.DOC	7.17	E		FAA	99
AND620.DOC	7.30*	E		FAA	99
AND620.DOC	7.45	P		FAA	99
AND620.DOC	7.77	E		FAA	99
AWAFRPD.DOC	1.10*	E	weather issues must be solved for free flight	FAA	99
AWAFRPD.DOC	1.17	Y	enhanced weather detection and reporting	FAA	99
AWAFRPD.DOC	1.23	P	NAS-wide info system also distributes weather info	FAA	99
AWAFRPD.DOC	1.24	P	NAS-wide info system also distributes weather info	FAA	99
AWAFRPD.DOC	1.38	Y	increasingly accurate weather data	FAA	99
AWAFRPD.DOC	1.39	Y	weather tools into decision support	FAA	99
AWAFRPD.DOC	2.2	E		FAA	99
AWAFRPD.DOC	2.4	E		FAA	99
AWAFRPD.DOC	2.7	E		FAA	99
AWAFRPD.DOC	2.9	E		FAA	99
AWAFRPD.DOC	2.10*	E		FAA	99
AWAFRPD.DOC	2.15	Y		FAA	99
AWAFRPD.DOC	2.16	P		FAA	99
AWAFRPD.DOC	2.17	E		FAA	99
AWAFRPD.DOC	3.3	P		FAA	99
AWAFRPD.DOC	3.5	E		FAA	99
AWAFRPD.DOC	3.6	P		FAA	99
AWAFRPD.DOC	3.10*	E		FAA	99
AWAFRPD.DOC	3.11	E	de-icing procedures are part of the program that would be incorporated into the surface dss	FAA	99
AWAFRPD.DOC	3.15	Y		FAA	99
AWAFRPD.DOC	3.18	Y		FAA	99
AWAFRPD.DOC	3.19	Y		FAA	99
AWAFRPD.DOC	3.21	E		FAA	99
AWAFRPD.DOC	3.23	E		FAA	99
AWAFRPD.DOC	3.24	E		FAA	99
AWAFRPD.DOC	3.25	E		FAA	99
AWAFRPD.DOC	3.26	E		FAA	99

Program Name	Requirement	Rating	Notes		
AWAFRPD.DOC	3.43	E		FAA	99
AWAFRPD.DOC	3.44	P		FAA	99
AWAFRPD.DOC	3.45	E		FAA	99
AWAFRPD.DOC	4.2	E		FAA	99
AWAFRPD.DOC	4.5	Y		FAA	99
AWAFRPD.DOC	4.6	Y		FAA	99
AWAFRPD.DOC	4.8	E		FAA	99
AWAFRPD.DOC	4.9	E		FAA	99
AWAFRPD.DOC	4.15	E		FAA	99
AWAFRPD.DOC	4.18	Y		FAA	99
AWAFRPD.DOC	4.20*	E		FAA	99
AWAFRPD.DOC	4.23	Y		FAA	99
AWAFRPD.DOC	4.26	E		FAA	99
AWAFRPD.DOC	4.27	Y		FAA	99
AWAFRPD.DOC	4.28	P		FAA	99
AWAFRPD.DOC	4.35	Y		FAA	99
AWAFRPD.DOC	4.36	Y		FAA	99
AWAFRPD.DOC	4.49	Y		FAA	99
AWAFRPD.DOC	4.50*	Y		FAA	99
AWAFRPD.DOC	4.52	Y		FAA	99
AWAFRPD.DOC	4.53	Y		FAA	99
AWAFRPD.DOC	4.64	E		FAA	99
AWAFRPD.DOC	5.2	Y		FAA	99
AWAFRPD.DOC	5.4	P		FAA	99
AWAFRPD.DOC	5.9.2	E		FAA	99
AWAFRPD.DOC	5.10*	E		FAA	99
AWAFRPD.DOC	5.11	P		FAA	99
AWAFRPD.DOC	5.26	Y		FAA	99
AWAFRPD.DOC	5.27	Y		FAA	99
AWAFRPD.DOC	5.28	Y		FAA	99
AWAFRPD.DOC	5.32	Y		FAA	99
AWAFRPD.DOC	5.33	Y		FAA	99
AWAFRPD.DOC	5.47	E		FAA	99
AWAFRPD.DOC	5.48	Y		FAA	99
AWAFRPD.DOC	5.50*	P		FAA	99
AWAFRPD.DOC	5.52	P		FAA	99
AWAFRPD.DOC	5.57	E		FAA	99
AWAFRPD.DOC	5.59	E		FAA	99
AWAFRPD.DOC	5.60*	E		FAA	99
AWAFRPD.DOC	5.66	E		FAA	99
AWAFRPD.DOC	6.2	E		FAA	99
AWAFRPD.DOC	6.14	E		FAA	99
AWAFRPD.DOC	6.33	E		FAA	99
AWAFRPD.DOC	6.34	E		FAA	99
AWAFRPD.DOC	6.36	P		FAA	99
AWAFRPD.DOC	6.37	E		FAA	99
AWAFRPD.DOC	6.40*	P		FAA	99
AWAFRPD.DOC	7.1	E		FAA	99
AWAFRPD.DOC	7.5	Y		FAA	99
AWAFRPD.DOC	7.7	E		FAA	99
AWAFRPD.DOC	7.8	E		FAA	99
AWAFRPD.DOC	7.10*	E		FAA	99
AWAFRPD.DOC	7.12	E		FAA	99
AWAFRPD.DOC	7.16	E		FAA	99
AWAFRPD.DOC	7.18	E		FAA	99
AWAFRPD.DOC	7.25	E		FAA	99
AWAFRPD.DOC	7.27	P		FAA	99
AWAFRPD.DOC	7.28	P		FAA	99
AWAFRPD.DOC	7.32	P		FAA	99
AWAFRPD.DOC	7.33	P		FAA	99

Program Name	Requirement	Rating	Notes		
AWAFRPD.DOC	7.36	P		FAA	99
AWAFRPD.DOC	7.37	E		FAA	99
AWAFRPD.DOC	7.43	E		FAA	99
AWAFRPD.DOC	7.44	E		FAA	99
AWAFRPD.DOC	7.48	E		FAA	99
AWAFRPD.DOC	7.49	E		FAA	99
AWAFRPD.DOC	7.53	Y		FAA	99
AWAFRPD.DOC	7.54	Y		FAA	99
AWAFRPD.DOC	7.57	Y		FAA	99
AWAFRPD.DOC	7.60*	E		FAA	99
AWAFRPD.DOC	7.61	E		FAA	99
AWAFRPD.DOC	7.62	P		FAA	99
AWAFRPD.DOC	7.66	P		FAA	99
AWAFRPD.DOC	7.77	Y		FAA	99
FAARPD132	1.19	E		FAA	99
FAARPD132	1.31	E		FAA	99
FAARPD132	1.40*	E		FAA	99
FAARPD132	1.41	E		FAA	99
FAARPD132	3.3	P	Program deals with airport construction/design based on new sized aircraft. This will have an impact on the surface movement "systems" that this requirement addresses.	FAA	99
FAARPD132	3.15	P	Program deals with airport construction/design based on new sized aircraft. This may impact information needed for NOTAMS.	FAA	99
FAARPD132	3.42	P	Program deals with airport construction/design based on new sized aircraft. This will have an impact on the gates and ramps mentioned in the requirement. (Note: program does not directly adress the situation displays mentioned in the requirement).	FAA	99
FAARPD132	7.22	P	Program addresses the need for airports to be able to accommodate the new size aircraft.	FAA	99
FAARPD132	7.30*	P	Program deals with airport construction/design based on new sized aircraft. This can impact traffic spacing, etc.	FAA	99
FAARPD132	7.41	P	The design of airports based on new aircraft size implies and approach toward "directing and prioritizing infrastructure management from a users perspective."	FAA	99
FAARPD132	7.47	P	Airport design will help create solutions of local traffic problems.	FAA	99
FAARPD132	7.51	P	The advisory circulars used to guide airport design could be part of NAS wide information network	FAA	99
FAARPD132	7.78	P	Design of airports may dictate what services are provided directly to FAA customers	FAA	99
FAARPD136	1.19	E		FAA	99
FAARPD136	1.31	E		FAA	99
FAARPD136	1.40*	E		FAA	99
FAARPD136	1.41	E		FAA	99
FAARPD136	3.3	P	"system" constraints could be defined as rnwy or txwy outages due to construc.	FAA	99
FAARPD136	3.23	P	Construction on rwys and taxiways could cause delays	FAA	99
FAARPD136	7.1	P	the FAA is trying to collabrate between A/C Manufacturers and Airport Builders.	FAA	99
FAARPD136	7.7	P	Traffic Management Initiatives could relate to decreased downtime from construction	FAA	99
FAARPD136	7.11	P	APR Management and Construction contractors comly to AC issued through RPD	FAA	99
FAARPD136	7.16	P	NAS Management here deals with the use of Larger A/C at airports.	FAA	99
FAARPD136	7.17	P	New Pavement Materials and design can be considered "new Technology"	FAA	99
FAARPD136	7.18	P	APR Surface materials and design could be extended to include "infrastructure"	FAA	99
FAARPD136	7.19	P	APR Managers must utilize the Advisory Circulars (AC) to form new mgt. Technique	FAA	99

Program Name	Requirement	Rating	Notes		
FAARPD136	7.21	P	APR Management and Construction contractors comly to AC issued through RPD	FAA	99
FAARPD136	7.22	P		FAA	99
FAARPD136	7.26	P		FAA	99
FAARPD136	7.42	P	MAY BE EXTENDED TO REQUIREMENT	FAA	99
FAARPD136	7.74	Y		FAA	99
FAARPD136	7.76	P		FAA	99
FAARPD138	1.19	E		FAA	99
FAARPD138	1.31	E		FAA	99
FAARPD138	1.40*	E		FAA	99
FAARPD138	1.41	E		FAA	99
FAARPD143	1.19	E		FAA	99
FAARPD143	1.31	E		FAA	99
FAARPD143	1.40*	E		FAA	99
FAARPD143	1.41	E		FAA	99
FAARPD143	7.16	P	Current testing will determine the ability to host new A/C designs in the future.	FAA	99
FAARPD143	7.17	P		FAA	99
FAARPD143	7.21	P		FAA	99
FAARPD143	7.24	P	Outcome will provide a tool for monitoring status of runway conditions (current)	FAA	99
FAARPD143	7.27	P	This is part of information "collection"	FAA	99
FAARPD143	7.41	P	This program will be monitoring current runway condidtions	FAA	99
FAARPD143	7.74	P		FAA	99
FAARPD144	1.19	E		FAA	99
FAARPD144	1.31	E		FAA	99
FAARPD144	1.40*	E		FAA	99
FAARPD144	1.41	E		FAA	99
FAARPD144	3.3	P	Shared plnning between A/C manufaturers and Airport Designers	FAA	99
FAARPD144	7.16	P	Desiners of new Aircraft and Designers of Runway environments need to coordinate	FAA	99
FAARPD144	7.17	P		FAA	99
FAARPD144	7.19	P		FAA	99
FAARPD144	7.21	P		FAA	99
FAARPD144	7.24	P		FAA	99
FAARPD144	7.41	P		FAA	99
FAARPD144	7.42	P		FAA	99
FAARPD144	7.71	P		FAA	99
FAARPD144	7.73	P		FAA	99
FAARPD144	7.74	P		FAA	99
FAARPD144	7.76	P		FAA	99
FAARPD146	1.7	E		FAA	99
FAARPD146	1.9	E		FAA	99
FAARPD146	1.11	E		FAA	99
FAARPD146	1.12	E		FAA	99
FAARPD146	1.13	E		FAA	99
FAARPD146	1.14	E		FAA	99
FAARPD146	1.16	P		FAA	99
FAARPD146	1.19	E		FAA	99
FAARPD146	1.21	E		FAA	99
FAARPD146	1.22	E		FAA	99
FAARPD146	1.31	E		FAA	99
FAARPD146	1.34	E		FAA	99
FAARPD146	1.35	E		FAA	99
FAARPD146	3.3	Y	Program addresses runway lighting, signing, and marking. The use of automation is emphasized.	FAA	99
FAARPD146	3.5	P	While this program focuses on lighting, automation of taxiway lighiting may involve datalink.	FAA	99
FAARPD146	3.6	P	Lighting may be linked to surface detection equipment	FAA	99

Program Name	Requirement	Rating	Notes		
FAARPD146	3.7	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	FAA	99
FAARPD146	3.11	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	FAA	99
FAARPD146	3.12	P	Sequencing of ground aircraft will be dependant on runway signage, lighting and markings.	FAA	99
FAARPD146	3.21	P	Airport lighting, signing and marking will effect taxi times	FAA	99
FAARPD146	3.23	P	Lighting, signing, and marking may be considered part of the surface management information system. Or data used to control the lighting or signing may be part of the surface management information system	FAA	99
FAARPD146	3.24	P	same as above	FAA	99
FAARPD146	3.25	P		FAA	99
FAARPD146	3.26	P		FAA	99
FAARPD146	3.28	Y	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	FAA	99
FAARPD146	3.29	P		FAA	99
FAARPD146	3.30*	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	3.33	P	Airport lighting, signing and marking will effect taxi times	FAA	99
FAARPD146	3.36	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	3.37	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	3.39	P	Airport lighting, signing and marking will effect taxi times	FAA	99
FAARPD146	3.40*	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	3.42	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	3.43	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	3.44	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	3.45	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	4.2	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	4.7	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	4.9	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	FAA	99
FAARPD146	4.15	P	Automated taxiway lighting/marking will reduce the need for service provider/pilot voice communications	FAA	99
FAARPD146	4.16	P	Automated taxiway lighting/marking will reduce the need for service provider/pilot voice communications	FAA	99
FAARPD146	4.20*	P	While this program does not address surface decision support tools, airport lighting may be linked to them. Lighting will assist in situational awarness (automated stop bars, etc.)	FAA	99
FAARPD146	4.21	P	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	FAA	99
FAARPD146	4.22	P	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	FAA	99

Program Name	Requirement	Rating	Notes		
FAARPD146	4.25	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	4.39	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	4.40*	P		FAA	99
FAARPD146	4.41	P		FAA	99
FAARPD146	4.42	P		FAA	99
FAARPD146	4.46	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	FAA	99
FAARPD146	4.55	P		FAA	99
FAARPD146	7.8	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	FAA	99
FAARPD146	7.78	P		FAA	99
FAARPD148	1.19	E		FAA	99
FAARPD148	1.31	E		FAA	99
FAARPD148	1.41	E		FAA	99
FAARPD148	3.15	P	Procedures data from RPD may be shared between users and providers.	FAA	99
FAARPD148	7.1	P		FAA	99
FAARPD148	7.16	P		FAA	99
FAARPD148	7.17	P		FAA	99
FAARPD148	7.19	P		FAA	99
FAARPD148	7.21	P		FAA	99
FAARPD148	7.22	P		FAA	99
FAARPD148	7.41	P		FAA	99
FAARPD148	7.74	P		FAA	99
FAARPD148	7.76	P		FAA	99
FAARPD150	1.19	E		FAA	99
FAARPD150	7.1	P		FAA	99
FAARPD150	7.5	P		FAA	99
FAARPD150	7.16	P		FAA	99
FAARPD150	7.17	P		FAA	99
FAARPD150	7.19	P		FAA	99
FAARPD150	7.26	P		FAA	99
FAARPD150	7.41	P		FAA	99
FAARPD150	7.74	P		FAA	99
FAARPD150	7.76	P		FAA	99
FAARPD152	1.12	E		FAA	99
FAARPD152	1.19	E		FAA	99
FAARPD152	1.22	E		FAA	99
FAARPD152	1.28	E		FAA	99
FAARPD152	1.35	E		FAA	99
FAARPD152	3.3	P	Surface movement system for low-vis may be developed.	FAA	99
FAARPD152	3.7	P	Equipment may be outfitted with surface -movement DSS	FAA	99
FAARPD152	3.23	P	Firefightining equip may be part of this surface management system at airports.	FAA	99
FAARPD152	3.24	Y		FAA	99
FAARPD152	3.25	P		FAA	99
FAARPD152	7.1	P		FAA	99
FAARPD152	7.6	P		FAA	99
FAARPD152	7.11	P		FAA	99
FAARPD152	7.16	P		FAA	99
FAARPD152	7.17	P		FAA	99
FAARPD152	7.19	P		FAA	99
FAARPD152	7.27	P		FAA	99
FAARPD152	7.41	P		FAA	99
FAARPD152	7.74	P		FAA	99
FAARPD152	7.76	P		FAA	99

Program Name	Requirement	Rating	Notes		
FAARPD152	7.77	P		FAA	99
FAARPDTBD1	1.7	E		FAA	99
FAARPDTBD1	1.9	E		FAA	99
FAARPDTBD1	1.11	E		FAA	99
FAARPDTBD1	1.12	E		FAA	99
FAARPDTBD1	1.13	E		FAA	99
FAARPDTBD1	1.14	E		FAA	99
FAARPDTBD1	1.16	P		FAA	99
FAARPDTBD1	1.19	E		FAA	99
FAARPDTBD1	1.21	E		FAA	99
FAARPDTBD1	1.22	E		FAA	99
FAARPDTBD1	1.31	E		FAA	99
FAARPDTBD1	1.34	E		FAA	99
FAARPDTBD1	1.35	E		FAA	99
FAARPDTBD1	3.3	Y		FAA	99
FAARPDTBD1	3.6	P		FAA	99
FAARPDTBD1	3.7	P		FAA	99
FAARPDTBD1	3.11	P		FAA	99
FAARPDTBD1	3.23	P		FAA	99
FAARPDTBD1	3.25	P		FAA	99
FAARPDTBD1	3.28	Y		FAA	99
FAARPDTBD1	3.29	Y		FAA	99
FAARPDTBD1	3.30*	P		FAA	99
FAARPDTBD1	3.36	P		FAA	99
FAARPDTBD1	3.38	E		FAA	99
FAARPDTBD1	3.39	E		FAA	99
FAARPDTBD1	3.40*	P		FAA	99
FAARPDTBD1	3.42	P		FAA	99
FAARPDTBD1	3.43	E		FAA	99
FAARPDTBD1	3.44	P		FAA	99
FAARPDTBD1	3.45	P		FAA	99
FAARPDTBD1	7.11	P		FAA	99
FAARPDTBD1	7.17	P		FAA	99
FAARPDTBD1	7.18	P		FAA	99
FAARPDTBD1	7.19	P		FAA	99
FAARPDTBD1	7.27	P		FAA	99
FAARPDTBD1	7.42	P		FAA	99
FAARPDTBD1	7.52	E		FAA	99
FAARPDTBD1	7.74	P		FAA	99
FAARPDTBD1	7.76	P		FAA	99
FAARPDTBD1	7.77	Y		FAA	99
FAARPDTBD1	7.78	P		FAA	99
HF99RPD4.DOC	1.11	Y	human-centered approach	FAA	99
HF99RPD4.DOC	1.13	Y	human factors analysis and sims accounted for in system	FAA	99
HF99RPD4.DOC	1.14	Y	situation awareness, workload, interfaces designed with human factors	FAA	99
HF99RPD4.DOC	1.16	P	human factors must be consideration if no increase in workload	FAA	99
HF99RPD4.DOC	1.21	Y	human-centered design approach	FAA	99
HF99RPD4.DOC	1.22	Y	human capabilities and limitations accounted	FAA	99
HF99RPD4.DOC	3.7	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	3.28	P	program addresses situation awarness	FAA	99
HF99RPD4.DOC	3.29	P	program addresses situation awarness	FAA	99
HF99RPD4.DOC	3.30*	P		FAA	99
HF99RPD4.DOC	3.31	P	displays require human factors research	FAA	99
HF99RPD4.DOC	3.32	P	displays require human factors research	FAA	99
HF99RPD4.DOC	3.36	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	3.38	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	3.39	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	3.40*	P	program addresses situation awarness	FAA	99

Program Name	Requirement	Rating	Notes		
HF99RPD4.DOC	3.42	P		FAA	99
HF99RPD4.DOC	3.43	P		FAA	99
HF99RPD4.DOC	3.44	P		FAA	99
HF99RPD4.DOC	3.45	P		FAA	99
HF99RPD4.DOC	4.23	P	responsibility for separation assurance may require human factors research	FAA	99
HF99RPD4.DOC	4.24	P	responsibility for separation assurance may require human factors research	FAA	99
HF99RPD4.DOC	4.25	P	improved tools and displays for separation assurance may require human factors research	FAA	99
HF99RPD4.DOC	4.26	P	Situation displays and conflict alert require human factors research	FAA	99
HF99RPD4.DOC	4.28	P	"Improved displays" and "situational awareness" requires human factors research	FAA	99
HF99RPD4.DOC	4.29	P	This will require an interface with strong human factors	FAA	99
HF99RPD4.DOC	4.33	P	Automated warnings require a good human factors design	FAA	99
HF99RPD4.DOC	4.35	P	display design requires human factors research	FAA	99
HF99RPD4.DOC	4.36	P	Program will address service providers performance and workload (this will be improtant to display design)	FAA	99
HF99RPD4.DOC	4.43	P	Program will address decision support systems	FAA	99
HF99RPD4.DOC	4.44	P	Advisories to service provider will impact the provider's situational awarness. Situational awarness is one of the focuses of this RPD.	FAA	99
HF99RPD4.DOC	4.45	P	This requirment will effect pilot or controller workload. Workload is a focus of thes RPD.	FAA	99
HF99RPD4.DOC	4.46	P	Program will address the human factors of decision support systems	FAA	99
HF99RPD4.DOC	4.48	P	Program will address the human factors of decision support systems	FAA	99
HF99RPD4.DOC	4.49	P	Program will address the human factors of decision support systems	FAA	99
HF99RPD4.DOC	4.50*	P	Program will address the human factors of decision support systems	FAA	99
HF99RPD4.DOC	4.52	P		FAA	99
HF99RPD4.DOC	4.53	P		FAA	99
HF99RPD4.DOC	4.54	P		FAA	99
HF99RPD4.DOC	5.2	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.9.2	P	New display design will require human factors research	FAA	99
HF99RPD4.DOC	5.10*	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.11	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.15	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.25	P	Program will examine workload. This is strongly related to automation.	FAA	99
HF99RPD4.DOC	5.30*	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.31	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.32	P	program addresses pilot and controller workload in free flight conditions	FAA	99
HF99RPD4.DOC	5.33	P		FAA	99
HF99RPD4.DOC	5.34	P		FAA	99
HF99RPD4.DOC	5.35	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.37	P	program addresses pilot and controller workload in free flight conditions	FAA	99
HF99RPD4.DOC	5.38	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.42	P	program addresses pilot and controller workload in free flight conditions	FAA	99
HF99RPD4.DOC	5.45	P		FAA	99

Program Name	Requirement	Rating	Notes		
HF99RPD4.DOC	5.46	P	program addresses decision support systems with respect to users	FAA	99
HF99RPD4.DOC	5.47	P	program addresses pilot and controller workload in free flight conditions	FAA	99
HF99RPD4.DOC	5.48	P		FAA	99
HF99RPD4.DOC	5.49	P		FAA	99
HF99RPD4.DOC	5.53	P		FAA	99
HF99RPD4.DOC	5.55	P		FAA	99
HF99RPD4.DOC	5.57	P		FAA	99
HF99RPD4.DOC	5.58	P		FAA	99
HF99RPD4.DOC	5.59	P		FAA	99
HF99RPD4.DOC	5.60*	P		FAA	99
HF99RPD4.DOC	5.62	P		FAA	99
HF99RPD4.DOC	5.63	P		FAA	99
HF99RPD4.DOC	6.4	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	6.14	P		FAA	99
HF99RPD4.DOC	6.15	P	Visual displays require human factors research	FAA	99
HF99RPD4.DOC	6.22	P	program deals with pilot workload	FAA	99
HF99RPD4.DOC	6.23	P	program addresses situation awarness	FAA	99
HF99RPD4.DOC	6.27	P		FAA	99
HF99RPD4.DOC	6.28	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	6.33	P	program deals with pilot and controller workload	FAA	99
HF99RPD4.DOC	6.36	P		FAA	99
HF99RPD4.DOC	7.1	P		FAA	99
HF99RPD4.DOC	7.7	P		FAA	99
HF99RPD4.DOC	7.8	P		FAA	99
HF99RPD4.DOC	7.10*	P		FAA	99
HF99RPD4.DOC	7.11	P		FAA	99
HF99RPD4.DOC	7.12	P		FAA	99
HF99RPD4.DOC	7.13	P		FAA	99
HF99RPD4.DOC	7.14	P		FAA	99
HF99RPD4.DOC	7.17	P		FAA	99
HF99RPD4.DOC	7.18	P		FAA	99
HF99RPD4.DOC	7.19	P		FAA	99
HF99RPD4.DOC	7.32	P		FAA	99
HF99RPD4.DOC	7.33	P		FAA	99
HF99RPD4.DOC	7.34	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	7.36	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	7.37	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	7.38	P		FAA	99
HF99RPD4.DOC	7.46	P		FAA	99
HF99RPD4.DOC	7.47	P		FAA	99
HF99RPD4.DOC	7.52	P		FAA	99
HF99RPD4.DOC	7.62	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	7.69	P	Program addresses decision suppport tools	FAA	99
HF99RPD4.DOC	8.4	P	Program addresses decision suppport tools	FAA	99
MMRPD99.DOC	1.19	P	increasing capacity accounted in technology implementation	FAA	99
MMRPD99.DOC	1.40*	Y	identify user requirements includes capacity	FAA	99
MMRPD99.DOC	1.42	E	managers have decision support to manage operations	FAA	99
MMRPD99.DOC	3.3	E		FAA	99
MMRPD99.DOC	3.5	P		FAA	99
MMRPD99.DOC	3.6	P		FAA	99
MMRPD99.DOC	3.10*	E		FAA	99
MMRPD99.DOC	3.23	E		FAA	99
MMRPD99.DOC	3.24	E		FAA	99
MMRPD99.DOC	3.42	E		FAA	99
MMRPD99.DOC	4.7	E		FAA	99
MMRPD99.DOC	4.9	E		FAA	99
MMRPD99.DOC	4.24	E		FAA	99

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MMRPD99.DOC	4.39	E		FAA	99
MMRPD99.DOC	4.42	E		FAA	99
MMRPD99.DOC	4.43	P		FAA	99
MMRPD99.DOC	4.44	E		FAA	99
MMRPD99.DOC	4.46	E		FAA	99
MMRPD99.DOC	4.49	E		FAA	99
MMRPD99.DOC	4.50*	E		FAA	99
MMRPD99.DOC	4.52	E		FAA	99
MMRPD99.DOC	4.54	E		FAA	99
MMRPD99.DOC	4.55	E		FAA	99
MMRPD99.DOC	4.56	E		FAA	99
MMRPD99.DOC	4.57	E		FAA	99
MMRPD99.DOC	4.58	E		FAA	99
MMRPD99.DOC	4.63	E		FAA	99
MMRPD99.DOC	4.64	E		FAA	99
MMRPD99.DOC	4.66	E		FAA	99
MMRPD99.DOC	4.68	E		FAA	99
MMRPD99.DOC	5.1	E		FAA	99
MMRPD99.DOC	5.2	E		FAA	99
MMRPD99.DOC	5.3	E		FAA	99
MMRPD99.DOC	5.4	E		FAA	99
MMRPD99.DOC	5.5	E		FAA	99
MMRPD99.DOC	5.6.1	E		FAA	99
MMRPD99.DOC	5.6.2	E		FAA	99
MMRPD99.DOC	5.7	P		FAA	99
MMRPD99.DOC	5.9.1	E		FAA	99
MMRPD99.DOC	5.10*	E		FAA	99
MMRPD99.DOC	5.11	E		FAA	99
MMRPD99.DOC	5.18	E		FAA	99
MMRPD99.DOC	5.22	E		FAA	99
MMRPD99.DOC	5.43	E		FAA	99
MMRPD99.DOC	5.46	E		FAA	99
MMRPD99.DOC	5.50*	E		FAA	99
MMRPD99.DOC	5.51	E		FAA	99
MMRPD99.DOC	5.52	E		FAA	99
MMRPD99.DOC	5.53	P		FAA	99
MMRPD99.DOC	5.56	E		FAA	99
MMRPD99.DOC	5.58	E		FAA	99
MMRPD99.DOC	5.59	E		FAA	99
MMRPD99.DOC	5.61	E		FAA	99
MMRPD99.DOC	5.62	E		FAA	99
MMRPD99.DOC	5.63	E		FAA	99
MMRPD99.DOC	5.66	E		FAA	99
MMRPD99.DOC	5.71	P		FAA	99
MMRPD99.DOC	5.72	P		FAA	99
MMRPD99.DOC	5.73	P		FAA	99
MMRPD99.DOC	6.2	E		FAA	99
MMRPD99.DOC	6.3	E		FAA	99
MMRPD99.DOC	6.4	E		FAA	99
MMRPD99.DOC	6.7	E		FAA	99
MMRPD99.DOC	6.9	E		FAA	99
MMRPD99.DOC	6.12	E		FAA	99
MMRPD99.DOC	6.13	E		FAA	99
MMRPD99.DOC	6.14	E		FAA	99
MMRPD99.DOC	6.16	E		FAA	99
MMRPD99.DOC	6.20*	E		FAA	99
MMRPD99.DOC	6.25	E		FAA	99
MMRPD99.DOC	6.26	E		FAA	99
MMRPD99.DOC	6.27	E		FAA	99
MMRPD99.DOC	6.28	E		FAA	99

Program Name	Requirement	Rating	Notes		
MMRPD99.DOC	6.31	E		FAA	99
MMRPD99.DOC	6.33	E		FAA	99
MMRPD99.DOC	6.34	E		FAA	99
MMRPD99.DOC	6.35	E		FAA	99
MMRPD99.DOC	6.36	E		FAA	99
MMRPD99.DOC	6.37	E		FAA	99
MMRPD99.DOC	6.38	E		FAA	99
MMRPD99.DOC	6.39	E		FAA	99
MMRPD99.DOC	6.40*	E		FAA	99
MMRPD99.DOC	7.1	P		FAA	99
MMRPD99.DOC	7.2	P		FAA	99
MMRPD99.DOC	7.5	P		FAA	99
MMRPD99.DOC	7.6	P		FAA	99
MMRPD99.DOC	7.7	P		FAA	99
MMRPD99.DOC	7.8	P		FAA	99
MMRPD99.DOC	7.10*	P		FAA	99
MMRPD99.DOC	7.11	Y		FAA	99
MMRPD99.DOC	7.12	Y		FAA	99
MMRPD99.DOC	7.13	P		FAA	99
MMRPD99.DOC	7.14	P		FAA	99
MMRPD99.DOC	7.16	P		FAA	99
MMRPD99.DOC	7.17	P		FAA	99
MMRPD99.DOC	7.18	P		FAA	99
MMRPD99.DOC	7.19	P		FAA	99
MMRPD99.DOC	7.21	P		FAA	99
MMRPD99.DOC	7.22	P		FAA	99
MMRPD99.DOC	7.23	P		FAA	99
MMRPD99.DOC	7.24	P		FAA	99
MMRPD99.DOC	7.25	P		FAA	99
MMRPD99.DOC	7.26	P		FAA	99
MMRPD99.DOC	7.27	P		FAA	99
MMRPD99.DOC	7.28	P		FAA	99
MMRPD99.DOC	7.29	P		FAA	99
MMRPD99.DOC	7.30*	P		FAA	99
MMRPD99.DOC	7.31	P		FAA	99
MMRPD99.DOC	7.32	P		FAA	99
MMRPD99.DOC	7.33	P		FAA	99
MMRPD99.DOC	7.34	P		FAA	99
MMRPD99.DOC	7.35	P		FAA	99
MMRPD99.DOC	7.36	P		FAA	99
MMRPD99.DOC	7.37	P		FAA	99
MMRPD99.DOC	7.38	P		FAA	99
MMRPD99.DOC	7.39	P		FAA	99
MMRPD99.DOC	7.40*	P		FAA	99
MMRPD99.DOC	7.41	P		FAA	99
MMRPD99.DOC	7.42	P		FAA	99
MMRPD99.DOC	7.43	P		FAA	99
MMRPD99.DOC	7.44	P		FAA	99
MMRPD99.DOC	7.45	P		FAA	99
MMRPD99.DOC	7.46	P		FAA	99
MMRPD99.DOC	7.47	P		FAA	99
MMRPD99.DOC	7.48	P		FAA	99
MMRPD99.DOC	7.49	P		FAA	99
MMRPD99.DOC	7.51	P		FAA	99
MMRPD99.DOC	7.52	P		FAA	99
MMRPD99.DOC	7.53	P		FAA	99
MMRPD99.DOC	7.54	P		FAA	99
MMRPD99.DOC	7.57	P		FAA	99
MMRPD99.DOC	7.58	P		FAA	99
MMRPD99.DOC	7.59	P		FAA	99

Program Name	Requirement	Rating	Notes		
MMRPD99.DOC	7.60*	E		FAA	99
MMRPD99.DOC	7.61	P		FAA	99
MMRPD99.DOC	7.62	P		FAA	99
MMRPD99.DOC	7.64	P		FAA	99
MMRPD99.DOC	7.65	P		FAA	99
MMRPD99.DOC	7.66	P		FAA	99
MMRPD99.DOC	7.68	P		FAA	99
MMRPD99.DOC	7.69	P		FAA	99
MMRPD99.DOC	7.70*	P		FAA	99
MMRPD99.DOC	7.71	P		FAA	99
MMRPD99.DOC	7.72	P		FAA	99
MMRPD99.DOC	7.73	P		FAA	99
MMRPD99.DOC	7.74	P		FAA	99
MMRPD99.DOC	7.76	P		FAA	99
MMRPD99.DOC	7.77	P		FAA	99
MMRPD99.DOC	7.78	P		FAA	99
MMRPD99.DOC	8.1	E		FAA	99
MMRPD99.DOC	8.3	E		FAA	99
MMRPD99.DOC	8.4	E		FAA	99
MMRPD99.DOC	8.6	E		FAA	99
MMRPD99.DOC	8.8	E		FAA	99
MMRPD99.DOC	8.9	E		FAA	99
MMRPD99.DOC	8.10*	E		FAA	99
MMRPD99.DOC	8.11	E		FAA	99
MMRPD99.DOC	8.12	E		FAA	99
MMRPD99.DOC	8.13	E		FAA	99
MMRPD99.DOC	8.14	E		FAA	99
MMRPD99.DOC	8.15	E		FAA	99
MMRPD99.DOC	8.17	E		FAA	99
navrpd2.doc	1.2	E	ground and airborne systems will require sat nav	FAA	99
navrpd2.doc	1.5	P	navigation satisfied by sat nav	FAA	99
navrpd2.doc	1.7	Y	sat nav requires new procedures and equipment	FAA	99
navrpd2.doc	1.9	Y	sat nav explicitly	FAA	99
navrpd2.doc	1.10*	Y	free flight needs sat nav	FAA	99
navrpd2.doc	5.1	Y	Objective 5 explicitly - other implicityl	FAA	99
navrpd2.doc	5.3	E	LAAS reference is foundation - extend to address decent profiles	FAA	99
navrpd2.doc	5.7	Y		FAA	99
navrpd2.doc	5.12	Y		FAA	99
navrpd2.doc	5.14	E	Assess proprotion of traffic that can use Satellite based services	FAA	99
navrpd2.doc	5.18	E	Quality of positional data interrelated with satellite improvements	FAA	99
navrpd2.doc	5.20*	Y	Satellite navigation allows global grid of named locations	FAA	99
navrpd2.doc	5.41	E	depends on satellite derived positions	FAA	99
navrpd2.doc	6.2	E	satellite navigation may allow much improvement in oceanic ops	FAA	99
navrpd2.doc	6.6	Y	satellite nav allows greater position accuracy	FAA	99
navrpd2.doc	6.7	E	real time position data could be provided by sats	FAA	99
navrpd2.doc	6.13	Y	sats provide better position accuracy, allowing lower separation constraints	FAA	99
navrpd2.doc	6.24	P	position data provided by sats	FAA	99
navrpd2.doc	6.33	E	better nav tools can include sats	FAA	99
NIMS_RPD.doc	1.2	Y	infrastructure evaluations	FAA	99
NIMS_RPD.doc	1.7	P	infrastructure evaluations	FAA	99
NIMS_RPD.doc	1.10*	P	infrastructure needs to be redesigned for free flight	FAA	99
NIMS_RPD.doc	1.11	E	human-centered approach to service delivery	FAA	99
NIMS_RPD.doc	1.12	E	information exchange may be affected by infrastructure	FAA	99
NIMS_RPD.doc	1.15	E	constant workload could be enhanced by infrastructure	FAA	99
NIMS_RPD.doc	1.16	E	constant workload could be enhanced by infrastructure	FAA	99
NIMS_RPD.doc	1.19	E	phased technologies is infrastructure issue	FAA	99

Program Name	Requirement	Rating	Notes		
NIMS_RPD.doc	1.21	E	human-centered approach to new additions	FAA	99
NIMS_RPD.doc	1.22	E	human capabilities / limits can be incorporated into infrastructure	FAA	99
NIMS_RPD.doc	1.23	Y	NAS wide info needs appropriate infrastructure	FAA	99
NIMS_RPD.doc	1.24	Y	NAS wide info needs appropriate infrastructure	FAA	99
NIMS_RPD.doc	1.27	P	infrastructure redesign to allow dynamic environment	FAA	99
NIMS_RPD.doc	1.28	P	infrastructure redesign to allow dynamic environment	FAA	99
NIMS_RPD.doc	1.30*	P	increased collaboration accounted for in infrastructure	FAA	99
NIMS_RPD.doc	1.31	Y	fault tolerance must be incorporated into infrastructure	FAA	99
NIMS_RPD.doc	1.35	Y	infrastructure must allow easy implementation of new technologies	FAA	99
NIMS_RPD.doc	1.36	Y	infrastructure data collection	FAA	99
NIMS_RPD.doc	1.37	Y	infrastructure data must be available	FAA	99
NIMS_RPD.doc	1.40*	Y	tools to measure NAS performance	FAA	99
NIMS_RPD.doc	1.41	Y	operational supervisors are key to service providing	FAA	99
NIMS_RPD.doc	1.42	Y	managers need to have decision support	FAA	99
NIMS_RPD.doc	7.7	P	Program studies the impact of resource/facility outages	FAA	99
NIMS_RPD.doc	7.16	P		FAA	99
NIMS_RPD.doc	7.18	P		FAA	99
NIMS_RPD.doc	7.19	P		FAA	99
NIMS_RPD.doc	7.23	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	7.30*	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	7.39	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	7.41	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	7.42	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	7.74	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	7.76	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	7.77	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	7.78	P	Program studies the impact of infrastructure outages	FAA	99
NIMS_RPD.doc	8.1	P		FAA	99
NIMS_RPD.doc	8.3	P		FAA	99
NIMS_RPD.doc	8.4	P		FAA	99
NIMS_RPD.doc	8.8	P		FAA	99
NIMS_RPD.doc	8.9	P		FAA	99
NIMS_RPD.doc	8.10*	P		FAA	99
NIMS_RPD.doc	8.11	P		FAA	99
NIMS_RPD.doc	8.12	P		FAA	99
NIMS_RPD.doc	8.14	P	program addresses training issues	FAA	99
NIMS_RPD.doc	8.15	P		FAA	99
NIMS_RPD.doc	8.17	P	program addresses training issues	FAA	99
PARTNRPD.DOC	1.7	E		FAA	99
PARTNRPD.DOC	1.10*	E		FAA	99
PARTNRPD.DOC	1.19	E		FAA	99
PARTNRPD.DOC	1.21	E		FAA	99
PARTNRPD.DOC	1.41	E		FAA	99
PARTNRPD.DOC	7.17	P	Program addresses management of R&D	FAA	99
PLANSRPD.DOC	1.5	E		FAA	99
PLANSRPD.DOC	1.7	E		FAA	99
PLANSRPD.DOC	1.10*	E		FAA	99
PLANSRPD.DOC	1.19	E		FAA	99
PLANSRPD.DOC	1.21	E		FAA	99
PLANSRPD.DOC	1.31	E		FAA	99
PLANSRPD.DOC	1.35	E		FAA	99
PLANSRPD.DOC	1.41	E		FAA	99
PLANSRPD.DOC	7.7	E	"Continuous evaluation" of "initiatives" may be extensible to better management of R&D	FAA	99
PLANSRPD.DOC	7.11	E	Program calls for more users to be involved in R & D	FAA	99
PLANSRPD.DOC	7.17	E	Program deals with the management of new technology development	FAA	99
PLANSRPD.DOC	7.18	P	does management of the NAS include management of R&D?	FAA	99

Program Name	Requirement	Rating	Notes		
PLANSRPD.DOC	7.19	P		FAA	99
PLANSRPD.DOC	7.26	P	does management of the NAS include management of R&D?	FAA	99
PLANSRPD.DOC	7.41	P	does management of the NAS infrastructure include management of R&D?	FAA	99
PLANSRPD.DOC	7.74	P		FAA	99
PLANSRPD.DOC	8.9	P		FAA	99
PLANSRPD.DOC	8.10*	P		FAA	99
PLANSRPD.DOC	8.11	P		FAA	99
PLANSRPD.DOC	8.12	P		FAA	99
R&DMAPS2.Doc	1.7	E	automation to provide more accurate maps	FAA	99
R&DMAPS2.Doc	1.16	E	improved mapping possiby allows smaller separation standards and few boundary restrictions	FAA	99
R&DMAPS2.Doc	1.25	E	improved mapping possibly allows better geographic boundary conditions	FAA	99
R&DMAPS2.Doc	1.34	E	improved mapping possibly allows increased traffic density	FAA	99
R&DMAPS2.Doc	2.16	P	improved terrain mapping may have an impact on this requirement	FAA	99
R&DMAPS2.Doc	4.5	E	improved terrain mapping may have an impact on this requirement	FAA	99
R&DMAPS2.Doc	4.21	P	Program will influence aircraft-to-terrain separation	FAA	99
R&DMAPS2.Doc	4.31	P	Program will influence aircraft-to-terrain separation	FAA	99
R&DMAPS2.Doc	4.32	P	Program will influence aircraft-to-terrain separation	FAA	99
R&DMAPS2.Doc	4.33	P	Program will influence aircraft-to-terrain separation	FAA	99
R&DMAPS2.Doc	5.61	P	improved terrain mapping may have an impact on this requirement	FAA	99
RWYRDP.Doc	1.2	E		FAA	99
RWYRDP.Doc	1.7	E		FAA	99
RWYRDP.Doc	1.9	E		FAA	99
RWYRDP.Doc	1.12	E		FAA	99
RWYRDP.Doc	1.13	E		FAA	99
RWYRDP.Doc	1.14	P		FAA	99
RWYRDP.Doc	1.16	Y		FAA	99
RWYRDP.Doc	1.17	E		FAA	99
RWYRDP.Doc	1.19	P		FAA	99
RWYRDP.Doc	1.20*	E		FAA	99
RWYRDP.Doc	1.21	E		FAA	99
RWYRDP.Doc	1.22	E		FAA	99
RWYRDP.Doc	1.24	E		FAA	99
RWYRDP.Doc	1.27	E		FAA	99
RWYRDP.Doc	1.28	E		FAA	99
RWYRDP.Doc	1.30*	E		FAA	99
RWYRDP.Doc	1.31	E		FAA	99
RWYRDP.Doc	1.33	P		FAA	99
RWYRDP.Doc	1.33.1	E		FAA	99
RWYRDP.Doc	1.34	E		FAA	99
RWYRDP.Doc	1.35	E		FAA	99
RWYRDP.Doc	1.41	E		FAA	99
RWYRDP.Doc	3.3	E	many of the systems could help reduce runway incursions	FAA	99
RWYRDP.Doc	3.21	E	runway incursion avoidance could be included in the automation	FAA	99
RWYRDP.Doc	3.23	Y	surface management information system important to runway incursion avoidance	FAA	99
RWYRDP.Doc	3.25	Y	information availability decreases runway incursions	FAA	99
RWYRDP.Doc	3.28	Y	separation assurance from information availability	FAA	99
RWYRDP.Doc	3.29	Y	surface detection equipment	FAA	99
RWYRDP.Doc	3.30*	Y	shared ground based surveillance data	FAA	99
RWYRDP.Doc	3.31	Y	situation displays	FAA	99
RWYRDP.Doc	3.32	Y	surface situation display	FAA	99
RWYRDP.Doc	3.33	P	taxi planning	FAA	99
RWYRDP.Doc	3.36	P	runway incursion avoidance can be included in decision support systems	FAA	99

Program Name	Requirement	Rating	Notes		
RWYRDP.Doc	3.40*	Y	improved aircraft knowledge gives alerts for runway incursion	FAA	99
RWYRDP.Doc	4.5	Y	automatic ground-to-flight information exchange	FAA	99
RWYRDP.Doc	4.9	P	runway incursion avoidance can be included in decision support systems	FAA	99
RWYRDP.Doc	4.12	Y	satellite-based position data allows better aircraft separation	FAA	99
RWYRDP.Doc	4.20*	Y	runway incursion avoidance can be included in decision support systems	FAA	99
RWYRDP.Doc	4.21	P	departure and arrival planning	FAA	99
RWYRDP.Doc	4.26	E	displays and alerts could be expanded to include incursion avoidance	FAA	99
RWYRDP.Doc	4.28	E	improved displays	FAA	99
RWYRDP.Doc	4.29	P	models for detection and resolutions	FAA	99
RWYRDP.Doc	4.38	P	departure and arrival planning	FAA	99
RWYRDP.Doc	4.39	P	departure planning tools	FAA	99
RWYRDP.Doc	4.40*	P	arrival planning tools	FAA	99
RWYRDP.Doc	4.43	P	runway incursion avoidance can be included in decision support systems	FAA	99
RWYRDP.Doc	4.46	P	runway incursion avoidance can be included in decision support systems	FAA	99
RWYRDP.Doc	4.49	P	runway incursion avoidance can be included in decision support systems	FAA	99
RWYRDP.Doc	4.50*	P	information availability decreases runway incursions	FAA	99
SAFESOFT.Doc	1.7	E		FAA	99
SAFESOFT.Doc	1.13	E		FAA	99
SAFESOFT.Doc	1.14	E		FAA	99
SAFESOFT.Doc	1.16	E		FAA	99
SAFESOFT.Doc	1.17	P		FAA	99
SAFESOFT.Doc	1.19	Y		FAA	99
SAFESOFT.Doc	1.21	E		FAA	99
SAFESOFT.Doc	1.22	E		FAA	99
SAFESOFT.Doc	1.29	E		FAA	99
SAFESOFT.Doc	1.31	Y		FAA	99
SAFESOFT.Doc	1.33	P		FAA	99
SAFESOFT.Doc	1.33.1	P		FAA	99
SAFESOFT.Doc	1.35	E		FAA	99
SMARPD.doc	1.5	E		FAA	99
SMARPD.doc	1.7	E		FAA	99
SMARPD.doc	1.10*	E		FAA	99
SMARPD.doc	1.11	E		FAA	99
SMARPD.doc	1.12	E		FAA	99
SMARPD.doc	1.13	E		FAA	99
SMARPD.doc	1.14	E		FAA	99
SMARPD.doc	1.16	E		FAA	99
SMARPD.doc	1.19	P		FAA	99
SMARPD.doc	1.21	E		FAA	99
SMARPD.doc	1.23	E		FAA	99
SMARPD.doc	1.24	E		FAA	99
SMARPD.doc	1.26	E		FAA	99
SMARPD.doc	1.27	E		FAA	99
SMARPD.doc	1.28	P		FAA	99
SMARPD.doc	1.29	E		FAA	99
SMARPD.doc	1.31	E		FAA	99
SMARPD.doc	1.33.1	E		FAA	99
SMARPD.doc	1.34	E		FAA	99
SMARPD.doc	1.35	E		FAA	99
SMARPD.doc	1.38	E		FAA	99
SMARPD.doc	1.41	E		FAA	99
SMARPD.doc	3.3	Y	system constraint elimination to reduce ground delays	FAA	99

Program Name	Requirement	Rating	Notes		
SMARPD.doc	3.11	Y	decision support systems will be a part of NAS-wide automation	FAA	99
SMARPD.doc	3.21	Y	automation to for spacing	FAA	99
SMARPD.doc	3.36	P	decision support systems helps determine taxi sequencing	FAA	99
SMARPD.doc	3.37	Y	automated planning process	FAA	99
SMARPD.doc	3.38	P	decision support systems help determine sequencing	FAA	99
SMARPD.doc	3.39	Y	decision support system minimize arrival taxi time	FAA	99
SMARPD.doc	4.2	Y	decision support systems	FAA	99
SMARPD.doc	4.9	Y	decision support systems for runway assignment	FAA	99
SMARPD.doc	4.20*	Y	decision support systems for situation awareness	FAA	99
SMARPD.doc	4.39	E	tools for more efficient departure flows	FAA	99
SMARPD.doc	4.40*	E	tools for more efficient arrival flows	FAA	99
SMARPD.doc	4.48	P	parameters to be used by the decision support tools	FAA	99
SMARPD.doc	4.49	E	use decision support tools to monitor traffic flows	FAA	99
TA_EE_~1.DOC	1.7	E		FAA	99
TA_EE_~1.DOC	1.10*	E		FAA	99
TA_EE_~1.DOC	1.19	P		FAA	99
TA_EE_~1.DOC	4.3	P	engine noise may impact departure and arrival routes and procedures	FAA	99
TA_EE_~1.DOC	4.38	P	engine noise may impact departure and arrival routes and procedures	FAA	99
TA_EE_~1.DOC	7.77	E		FAA	99
TFMRPD~1.DOC	1.5	Y		FAA	99
TFMRPD~1.DOC	1.7	Y		FAA	99
TFMRPD~1.DOC	1.9	P		FAA	99
TFMRPD~1.DOC	1.10*	P		FAA	99
TFMRPD~1.DOC	1.11	Y		FAA	99
TFMRPD~1.DOC	1.12	Y		FAA	99
TFMRPD~1.DOC	1.13	Y		FAA	99
TFMRPD~1.DOC	1.14	Y		FAA	99
TFMRPD~1.DOC	1.15	Y		FAA	99
TFMRPD~1.DOC	1.16	Y		FAA	99
TFMRPD~1.DOC	1.17	Y		FAA	99
TFMRPD~1.DOC	1.19	Y		FAA	99
TFMRPD~1.DOC	1.20*	Y		FAA	99
TFMRPD~1.DOC	1.21	P		FAA	99
TFMRPD~1.DOC	1.22	Y		FAA	99
TFMRPD~1.DOC	1.23	P		FAA	99
TFMRPD~1.DOC	1.24	P		FAA	99
TFMRPD~1.DOC	1.25	P		FAA	99
TFMRPD~1.DOC	1.26	P		FAA	99
TFMRPD~1.DOC	1.27	P		FAA	99
TFMRPD~1.DOC	1.28	P		FAA	99
TFMRPD~1.DOC	1.29	E		FAA	99
TFMRPD~1.DOC	1.30*	Y		FAA	99
TFMRPD~1.DOC	1.31	E		FAA	99
TFMRPD~1.DOC	1.32	P		FAA	99
TFMRPD~1.DOC	1.33	E		FAA	99
TFMRPD~1.DOC	1.33.1	Y		FAA	99
TFMRPD~1.DOC	1.34	P		FAA	99
TFMRPD~1.DOC	1.35	P		FAA	99
TFMRPD~1.DOC	1.36	P		FAA	99
TFMRPD~1.DOC	1.37	Y		FAA	99
TFMRPD~1.DOC	1.38	E		FAA	99
TFMRPD~1.DOC	1.39	E		FAA	99
TFMRPD~1.DOC	1.40*	P		FAA	99
TFMRPD~1.DOC	1.41	E		FAA	99
TFMRPD~1.DOC	2.1	P	Program addresses the enhancement of ATCSCC capabilities	FAA	99
TFMRPD~1.DOC	2.2	P		FAA	99
TFMRPD~1.DOC	2.3	P		FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	2.4	P		FAA	99
TFMRPD~1.DOC	2.5	P		FAA	99
TFMRPD~1.DOC	2.7	P		FAA	99
TFMRPD~1.DOC	2.8	P		FAA	99
TFMRPD~1.DOC	2.9	P		FAA	99
TFMRPD~1.DOC	2.10*	P		FAA	99
TFMRPD~1.DOC	2.11	P		FAA	99
TFMRPD~1.DOC	2.12	P		FAA	99
TFMRPD~1.DOC	2.13	P		FAA	99
TFMRPD~1.DOC	2.14	P		FAA	99
TFMRPD~1.DOC	2.15	P		FAA	99
TFMRPD~1.DOC	2.16	P		FAA	99
TFMRPD~1.DOC	2.17	P		FAA	99
TFMRPD~1.DOC	2.20*	P		FAA	99
TFMRPD~1.DOC	2.21	P		FAA	99
TFMRPD~1.DOC	2.22	P		FAA	99
TFMRPD~1.DOC	3.3	P		FAA	99
TFMRPD~1.DOC	3.5	P	Program addresses the enhancement of ATCSCC capabilities	FAA	99
TFMRPD~1.DOC	3.6	P		FAA	99
TFMRPD~1.DOC	3.7	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.8	P		FAA	99
TFMRPD~1.DOC	3.9	P		FAA	99
TFMRPD~1.DOC	3.10*	P		FAA	99
TFMRPD~1.DOC	3.11	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.12	P		FAA	99
TFMRPD~1.DOC	3.15	P		FAA	99
TFMRPD~1.DOC	3.18	P		FAA	99
TFMRPD~1.DOC	3.19	P		FAA	99
TFMRPD~1.DOC	3.20*	P		FAA	99
TFMRPD~1.DOC	3.21	P		FAA	99
TFMRPD~1.DOC	3.23	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.24	P		FAA	99
TFMRPD~1.DOC	3.25	P		FAA	99
TFMRPD~1.DOC	3.26	P		FAA	99
TFMRPD~1.DOC	3.27	P		FAA	99
TFMRPD~1.DOC	3.28	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.29	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.30*	P		FAA	99
TFMRPD~1.DOC	3.31	P	requirement is related to on board systems	FAA	99
TFMRPD~1.DOC	3.32	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.33	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.36	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.37	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.38	P		FAA	99
TFMRPD~1.DOC	3.39	P		FAA	99
TFMRPD~1.DOC	3.40*	P		FAA	99
TFMRPD~1.DOC	3.42	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.43	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	3.44	P	Surface movement info may not be directly linked to ATCSCC	FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	3.45	P	Surface movement info may not be directly linked to ATCSCC	FAA	99
TFMRPD~1.DOC	4.2	P		FAA	99
TFMRPD~1.DOC	4.3	P		FAA	99
TFMRPD~1.DOC	4.4	P		FAA	99
TFMRPD~1.DOC	4.5	P		FAA	99
TFMRPD~1.DOC	4.6	P		FAA	99
TFMRPD~1.DOC	4.7	P		FAA	99
TFMRPD~1.DOC	4.8	P		FAA	99
TFMRPD~1.DOC	4.9	P		FAA	99
TFMRPD~1.DOC	4.11	P		FAA	99
TFMRPD~1.DOC	4.12	P		FAA	99
TFMRPD~1.DOC	4.14	P		FAA	99
TFMRPD~1.DOC	4.15	P		FAA	99
TFMRPD~1.DOC	4.16	P		FAA	99
TFMRPD~1.DOC	4.18	P		FAA	99
TFMRPD~1.DOC	4.20*	P		FAA	99
TFMRPD~1.DOC	4.21	P		FAA	99
TFMRPD~1.DOC	4.22	P		FAA	99
TFMRPD~1.DOC	4.23	P		FAA	99
TFMRPD~1.DOC	4.24	P		FAA	99
TFMRPD~1.DOC	4.25	P		FAA	99
TFMRPD~1.DOC	4.26	P		FAA	99
TFMRPD~1.DOC	4.27	P		FAA	99
TFMRPD~1.DOC	4.28	P		FAA	99
TFMRPD~1.DOC	4.29	P		FAA	99
TFMRPD~1.DOC	4.31	P		FAA	99
TFMRPD~1.DOC	4.32	P		FAA	99
TFMRPD~1.DOC	4.33	P		FAA	99
TFMRPD~1.DOC	4.34	P		FAA	99
TFMRPD~1.DOC	4.35	P		FAA	99
TFMRPD~1.DOC	4.36	P		FAA	99
TFMRPD~1.DOC	4.38	P		FAA	99
TFMRPD~1.DOC	4.41	E		FAA	99
TFMRPD~1.DOC	4.43	P		FAA	99
TFMRPD~1.DOC	4.44	P		FAA	99
TFMRPD~1.DOC	4.45	P		FAA	99
TFMRPD~1.DOC	4.46	Y		FAA	99
TFMRPD~1.DOC	4.48	Y		FAA	99
TFMRPD~1.DOC	4.49	Y		FAA	99
TFMRPD~1.DOC	4.50*	Y		FAA	99
TFMRPD~1.DOC	4.52	Y		FAA	99
TFMRPD~1.DOC	4.53	Y		FAA	99
TFMRPD~1.DOC	4.54	Y		FAA	99
TFMRPD~1.DOC	4.57	Y		FAA	99
TFMRPD~1.DOC	4.58	Y		FAA	99
TFMRPD~1.DOC	5.9.2	Y		FAA	99
TFMRPD~1.DOC	5.10*	Y		FAA	99
TFMRPD~1.DOC	5.13	E		FAA	99
TFMRPD~1.DOC	5.15	E		FAA	99
TFMRPD~1.DOC	5.22	E		FAA	99
TFMRPD~1.DOC	5.23	E		FAA	99
TFMRPD~1.DOC	5.24	P		FAA	99
TFMRPD~1.DOC	5.25	Y		FAA	99
TFMRPD~1.DOC	5.27	P		FAA	99
TFMRPD~1.DOC	5.28	P		FAA	99
TFMRPD~1.DOC	5.30*	Y		FAA	99
TFMRPD~1.DOC	5.31	Y		FAA	99
TFMRPD~1.DOC	5.32	Y		FAA	99
TFMRPD~1.DOC	5.33	Y		FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	5.34	Y		FAA	99
TFMRPD~1.DOC	5.35	Y		FAA	99
TFMRPD~1.DOC	5.36	Y		FAA	99
TFMRPD~1.DOC	5.37	Y		FAA	99
TFMRPD~1.DOC	5.38	Y		FAA	99
TFMRPD~1.DOC	5.39	Y		FAA	99
TFMRPD~1.DOC	5.41	Y		FAA	99
TFMRPD~1.DOC	5.42	Y		FAA	99
TFMRPD~1.DOC	5.43	Y		FAA	99
TFMRPD~1.DOC	5.44	P		FAA	99
TFMRPD~1.DOC	5.45	P		FAA	99
TFMRPD~1.DOC	5.46	P		FAA	99
TFMRPD~1.DOC	5.47	Y		FAA	99
TFMRPD~1.DOC	5.48	Y		FAA	99
TFMRPD~1.DOC	5.49	Y		FAA	99
TFMRPD~1.DOC	5.50*	Y		FAA	99
TFMRPD~1.DOC	5.51	Y		FAA	99
TFMRPD~1.DOC	5.52	P		FAA	99
TFMRPD~1.DOC	5.53	Y		FAA	99
TFMRPD~1.DOC	5.55	Y		FAA	99
TFMRPD~1.DOC	5.56	Y		FAA	99
TFMRPD~1.DOC	5.57	Y		FAA	99
TFMRPD~1.DOC	5.58	Y		FAA	99
TFMRPD~1.DOC	5.59	Y		FAA	99
TFMRPD~1.DOC	5.60*	Y		FAA	99
TFMRPD~1.DOC	5.61	Y		FAA	99
TFMRPD~1.DOC	5.62	Y		FAA	99
TFMRPD~1.DOC	5.63	Y		FAA	99
TFMRPD~1.DOC	5.64	P		FAA	99
TFMRPD~1.DOC	5.66	Y		FAA	99
TFMRPD~1.DOC	5.70*	P		FAA	99
TFMRPD~1.DOC	5.71	P		FAA	99
TFMRPD~1.DOC	5.72	Y		FAA	99
TFMRPD~1.DOC	5.73	Y		FAA	99
TFMRPD~1.DOC	6.3	P		FAA	99
TFMRPD~1.DOC	6.4	Y		FAA	99
TFMRPD~1.DOC	6.5	P	Improvments to TFM will impact separation minima	FAA	99
TFMRPD~1.DOC	6.6	Y		FAA	99
TFMRPD~1.DOC	6.7	Y		FAA	99
TFMRPD~1.DOC	6.8	Y		FAA	99
TFMRPD~1.DOC	6.9	Y		FAA	99
TFMRPD~1.DOC	6.10*	Y		FAA	99
TFMRPD~1.DOC	6.13	P		FAA	99
TFMRPD~1.DOC	6.14	Y		FAA	99
TFMRPD~1.DOC	6.15	Y		FAA	99
TFMRPD~1.DOC	6.16	Y		FAA	99
TFMRPD~1.DOC	6.20*	Y		FAA	99
TFMRPD~1.DOC	6.21	Y		FAA	99
TFMRPD~1.DOC	6.22	Y		FAA	99
TFMRPD~1.DOC	6.24	P		FAA	99
TFMRPD~1.DOC	6.25	P		FAA	99
TFMRPD~1.DOC	6.26	P		FAA	99
TFMRPD~1.DOC	6.27	Y		FAA	99
TFMRPD~1.DOC	6.28	Y		FAA	99
TFMRPD~1.DOC	6.30*	P		FAA	99
TFMRPD~1.DOC	6.31	Y		FAA	99
TFMRPD~1.DOC	6.33	Y		FAA	99
TFMRPD~1.DOC	6.34	Y		FAA	99
TFMRPD~1.DOC	6.35	Y		FAA	99
TFMRPD~1.DOC	6.36	Y		FAA	99

Program Name	Requirement	Rating	Notes		
TFMRPD~1.DOC	6.37	Y		FAA	99
TFMRPD~1.DOC	6.38	Y		FAA	99
TFMRPD~1.DOC	6.39	Y		FAA	99
TFMRPD~1.DOC	6.40*	Y		FAA	99
TFMRPD~1.DOC	7.1	Y		FAA	99
TFMRPD~1.DOC	7.2	P		FAA	99
TFMRPD~1.DOC	7.5	Y		FAA	99
TFMRPD~1.DOC	7.6	Y		FAA	99
TFMRPD~1.DOC	7.7	Y		FAA	99
TFMRPD~1.DOC	7.8	Y		FAA	99
TFMRPD~1.DOC	7.10*	Y		FAA	99
TFMRPD~1.DOC	7.11	Y		FAA	99
TFMRPD~1.DOC	7.12	Y		FAA	99
TFMRPD~1.DOC	7.13	Y		FAA	99
TFMRPD~1.DOC	7.14	Y		FAA	99
TFMRPD~1.DOC	7.29	Y		FAA	99
TFMRPD~1.DOC	7.30*	Y		FAA	99
TFMRPD~1.DOC	7.31	Y		FAA	99
TFMRPD~1.DOC	7.32	Y		FAA	99
TFMRPD~1.DOC	7.33	Y		FAA	99
TFMRPD~1.DOC	7.34	P		FAA	99
TFMRPD~1.DOC	7.35	Y		FAA	99
TFMRPD~1.DOC	7.36	Y		FAA	99
TFMRPD~1.DOC	7.37	Y		FAA	99
TFMRPD~1.DOC	7.38	Y		FAA	99
TFMRPD~1.DOC	7.39	P	This may help reduce controller workload	FAA	99
TFMRPD~1.DOC	7.43	Y		FAA	99
TFMRPD~1.DOC	7.44	Y		FAA	99
TFMRPD~1.DOC	7.45	Y		FAA	99
TFMRPD~1.DOC	7.46	Y		FAA	99
TFMRPD~1.DOC	7.47	Y		FAA	99
TFMRPD~1.DOC	7.48	Y		FAA	99
TFMRPD~1.DOC	7.49	Y		FAA	99
TFMRPD~1.DOC	7.50*	Y		FAA	99
TFMRPD~1.DOC	7.51	Y		FAA	99
TFMRPD~1.DOC	7.52	Y		FAA	99
TFMRPD~1.DOC	7.53	Y		FAA	99
TFMRPD~1.DOC	7.54	Y		FAA	99
TFMRPD~1.DOC	7.57	Y		FAA	99
TFMRPD~1.DOC	7.58	Y		FAA	99
TFMRPD~1.DOC	7.59	P		FAA	99
TFMRPD~1.DOC	7.60*	Y		FAA	99
TFMRPD~1.DOC	7.61	Y		FAA	99
TFMRPD~1.DOC	7.62	Y		FAA	99
TFMRPD~1.DOC	7.64	Y		FAA	99
TFMRPD~1.DOC	7.65	P		FAA	99
TFMRPD~1.DOC	7.66	Y		FAA	99
TFMRPD~1.DOC	7.68	Y		FAA	99
TFMRPD~1.DOC	7.69	Y		FAA	99
TFMRPD~1.DOC	7.70*	Y		FAA	99
TFMRPD~1.DOC	8.17	P	program addresses reduction of controller workload	FAA	99
rpdndi	1.2	Y	plan for migration to new NAS	faa	2000
rpdndi	1.5	Y	develop new air traffic environment	faa	2000
rpdndi	1.7	Y	evolution process	faa	2000
rpdndi	1.9	Y	transition plan to new NAS	faa	2000
rpdndi	1.10*	Y	transition plan to new NAS	faa	2000
rpdndi	1.11	Y	transition plan to new NAS with human centered approach	faa	2000
rpdndi	1.12	Y	expedite information exchange	faa	2000
rpdndi	1.13	Y	transition plan to new NAS with human centered approach	faa	2000
rpdndi	1.14	Y	transition plan to new NAS with human centered approach	faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	1.15	Y	addresses how to increase capacity without increasing worklo	faa	2000
rpdndi	1.16	Y	addresses how to increase capacity without increasing worklo	faa	2000
rpdndi	1.17	Y	add conflict detection / resolution, flight deck in separation de	faa	2000
rpdndi	1.19	Y	plan for phased technology implementation	faa	2000
rpdndi	1.20*	Y	service provider still maintains separation assurance, sometim	faa	2000
rpdndi	1.21	Y	transition plan to new NAS with human centered approach	faa	2000
rpdndi	1.22	Y	transition plan to new NAS with human centered approach	faa	2000
rpdndi	1.23	Y	need NAS-wide information system	faa	2000
rpdndi	1.24	Y	need NAS-wide information system	faa	2000
rpdndi	1.25	Y	geography no longer constrains airspace	faa	2000
rpdndi	1.26	Y	frequent evaluation of airspace	faa	2000
rpdndi	1.27	Y	air traffic facilities may be modified	faa	2000
rpdndi	1.28	Y	automation allows seamless facilities communication and coo	faa	2000
rpdndi	1.29	Y	seamless communications and coordination	faa	2000
rpdndi	1.30*	Y	increased user / provider coordination	faa	2000
rpdndi	1.31	Y	NAS will be a fault tolerant system	faa	2000
rpdndi	1.32	Y	automation allows elimination of flight strips	faa	2000
rpdndi	1.33a	Y	aircraft monitoring will be electronic	faa	2000
rpdndi	1.33b	Y	more decision support	faa	2000
rpdndi	1.34	Y	more decision support	faa	2000
rpdndi	1.35	Y	procedural changes meet technology as it arrives	faa	2000
rpdndi	1.36	Y	improved collecting and processing NAS infrastructure data	faa	2000
rpdndi	1.37	Y	user /provider collaboration in prioritization and scheduling	faa	2000
rpdndi	1.38	Y	better weather data	faa	2000
rpdndi	1.39	Y	better weather tools	faa	2000
rpdndi	1.40*	Y	NAS performance measurement tools	faa	2000
rpdndi	1.41	Y	operation supervisors key players in providing service	faa	2000
rpdndi	1.42	Y	decision support for budgets, staff, costs	faa	2000
rpdndi	2.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.16	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.17	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	2.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.18	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.19	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	3.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.29	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.30*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.32	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.36	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.37	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.42	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.43	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.44	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	3.45	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.16	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.18	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.29	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.32	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.34	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.35	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.36	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.41	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.42	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.43	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.44	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.45	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.46	P	program deals with high level NAS operational concepts, fewe	faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	4.48	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.49	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.50*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.52	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.53	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.54	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.55	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.56	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.57	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.58	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.59	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.60*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.61	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.62	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.63	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.64	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.66	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	4.68	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.6.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.6.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.9.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.9.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.18	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.19	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.30*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.32	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.34	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.35	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.37	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.41	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.42	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.43	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.45	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.46	P	program deals with high level NAS operational concepts, fewe	faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	5.47	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.48	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.49	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.50*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.51	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.52	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.53	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.55	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.56	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.57	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.58	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.59	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.60*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.61	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.62	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.63	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.64	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.66	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.70*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.71	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.72	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	5.73	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.16	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.17	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.20*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.30*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.34	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.35	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.36	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.37	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	6.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.2	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.5	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.6	P	program deals with high level NAS operational concepts, fewe	faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	7.7	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.16	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.17	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.18	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.19	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.21	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.22	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.23	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.24	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.25	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.26	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.27	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.28	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.29	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.30*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.31	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.32	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.33	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.34	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.35	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.36	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.37	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.38	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.39	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.40*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.41	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.42	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.43	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.44	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.45	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.46	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.47	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.48	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.49	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.50*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.51	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.52	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.53	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.54	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.57	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.58	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.59	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.60*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.61	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.62	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.64	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.65	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.66	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.68	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.69	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.70*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.71	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.72	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.73	P	program deals with high level NAS operational concepts, fewe	faa	2000

Program Name	Requirement	Rating	Notes		
rpdndi	7.74	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.76	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.77	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	7.78	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.1	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.3	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.4	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.6	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.8	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.9	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.10*	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.11	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.12	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.13	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.14	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.15	P	program deals with high level NAS operational concepts, fewe	faa	2000
rpdndi	8.17	P	program deals with high level NAS operational concepts, fewe	faa	2000
aea	1.7	E		faa	2000
aea	1.10*	E		faa	2000
aea	1.19	P		faa	2000
aea	7.77	E		faa	2000
eeec.doc	1.7	E		faa	2000
eeec.doc	1.10*	E		faa	2000
eeec.doc	1.19	P		faa	2000
eeec.doc	7.77	E		faa	2000
faa 00rpd460	1.17	P	air safety conflict detection and resolution tools	faa	2000
faa 00rpd460	1.31	Y	NAS through safety and risk analysis to identify problem areas	faa	2000
faa 00rpd460	3.5	E	coordination and planning decision support enhances safety	faa	2000
faa 00rpd554	1.31	E	NAS is designed with safety and risk analysis to identify trouble areas	faa	2000
faa 00rpd557	3.3	P	system constraints for ground delay	faa	2000
faa 00rpd557	3.44	Y	ground schedules and movement accounting for deicing	faa	2000
faa 00rpd560	1.19	Y	phased implementation of new technology maintains safety	faa	2000
faa 3rpd20ma	1.11	E	maintenance management for service delivery could be directed to have human-centered approach	faa	2000
faa 3rpd20ma	1.27	E	maintenance management may help air traffic facilities support dynamic traffic factors	faa	2000
faa 3rpd20ma	8.3	Y	maintenance management helps manage fiscal resources	faa	2000
faa 3rpd20ma	8.4	P	maintenance management aids managing operations	faa	2000
faa 3rpd20ma	8.12	P	maintenance management affects resource allocation decisions	faa	2000
faa 9rpd20fd	1.13	Y	human factors in distribution of users, providers, automation	faa	2000
faa 9rpd20fd	1.21	Y	human centered approach for implementing new technologies	faa	2000
faa 9rpd20fd	1.22	Y	human capabilities and limitations a primary consideration	faa	2000
faa rpd132	1.19	E		faa	2000
faa rpd132	1.31	E		faa	2000
faa rpd132	1.40*	E		faa	2000
faa rpd132	1.41	E		faa	2000
faa rpd132	3.3	P	Program deals with airport construction/design based on new sized aircraft. This will have an impact on the surface movement "systems" that this requirement addresses.	faa	2000
faa rpd132	3.15	P	Program deals with airport construction/design based on new sized aircraft. This may impact information needed for NOTAMS.	faa	2000

Program Name	Requirement	Rating	Notes		
faa rpd132	3.42	P	Program deals with airport construction/design based on new sized aircraft. This will have an impact on the gates and ramps mentioned in the requirement. (Note: program does not directly adress the situation displays mentioned in the requirement).	faa	2000
faa rpd132	7.22	P	Program addresses the need for airports to be able to accommodate the new size aircraft.	faa	2000
faa rpd132	7.30*	P	Program deals with airport construction/design based on new sized aircraft. This can impact traffic spacing, etc.	faa	2000
faa rpd132	7.41	P	The design of airports based on new aircraft size implies and approach toward "directing and prioritizing infrastructure management from a users perspective."	faa	2000
faa rpd132	7.47	P	Airport design will help create solutions of local traffic problems.	faa	2000
faa rpd132	7.51	P	The advisory circulars used to guide airport design could be part of NAS wide information network	faa	2000
faa rpd132	7.78	P	Design of airports may dictate what services are provided directly to FAA customers	faa	2000
faa rpd136	1.19	E		faa	2000
faa rpd136	1.31	E		faa	2000
faa rpd136	1.40*	E		faa	2000
faa rpd136	1.41	E		faa	2000
faa rpd136	3.3	P	"system" constraints could be defined as rnwy or txwy outages due to construc.	faa	2000
faa rpd136	3.23	P	Construction on rwys and taxiways could cause delays	faa	2000
faa rpd136	7.1	P	the FAA is trying to collabrate between A/C Manufacturers and Airport Builders.	faa	2000
faa rpd136	7.7	P	Traffic Management Initiatives could relate to decreased downtime from construction	faa	2000
faa rpd136	7.11	P	APR Management and Construction contractors comly to AC issued through RPD	faa	2000
faa rpd136	7.16	P	NAS Management here deals with the use of Larger A/C at airports.	faa	2000
faa rpd136	7.17	P	New Pavement Materials and design can be considered "new Technology"	faa	2000
faa rpd136	7.18	P	APR Surface materials and design could be extended to include "infrastructure"	faa	2000
faa rpd136	7.19	P	APR Managers must utilize the Advisory Circulars (AC) to form new mgt. Technique	faa	2000
faa rpd136	7.21	P	APR Management and Construction contractors comly to AC issued through RPD	faa	2000
faa rpd136	7.22	P		faa	2000
faa rpd136	7.26	P		faa	2000
faa rpd136	7.42	P	MAY BE EXTENDED TO REQUIREMENT	faa	2000
faa rpd136	7.74	Y		faa	2000
faa rpd136	7.76	P		faa	2000
faa rpd138	1.19	E		faa	2000
faa rpd138	1.31	E		faa	2000
faa rpd138	1.40*	E		faa	2000
faa rpd138	1.41	E		faa	2000
faa rpd143	1.19	E		faa	2000
faa rpd143	1.31	E		faa	2000
faa rpd143	1.40*	E		faa	2000
faa rpd143	1.41	E		faa	2000
faa rpd143	7.16	P	Current testing will determine the ability to host new A/C designs in the future.	faa	2000
faa rpd143	7.17	P		faa	2000
faa rpd143	7.21	P		faa	2000
faa rpd143	7.24	P	Outcome will provide a tool for monitoring status of runway conditions (current)	faa	2000
faa rpd143	7.27	P	This is part of information "collection"	faa	2000
faa rpd143	7.41	P	This program will be monitoring current runway condidtions	faa	2000
faa rpd143	7.74	P		faa	2000

Program Name	Requirement	Rating	Notes		
faa rpd144	1.19	E		faa	2000
faa rpd144	1.31	E		faa	2000
faa rpd144	1.40*	E		faa	2000
faa rpd144	1.41	E		faa	2000
faa rpd144	3.3	P	Shared plnning between A/C manufaturers and Airport Designers	faa	2000
faa rpd144	7.16	P	Desiners of new Aircraft and Designers of Runway environments need to coordinate	faa	2000
faa rpd144	7.17	P		faa	2000
faa rpd144	7.19	P		faa	2000
faa rpd144	7.21	P		faa	2000
faa rpd144	7.24	P		faa	2000
faa rpd144	7.41	P		faa	2000
faa rpd144	7.42	P		faa	2000
faa rpd144	7.71	P		faa	2000
faa rpd144	7.73	P		faa	2000
faa rpd144	7.74	P		faa	2000
faa rpd144	7.76	P		faa	2000
faa rpd146	1.7	E		faa	2000
faa rpd146	1.9	E		faa	2000
faa rpd146	1.11	E		faa	2000
faa rpd146	1.12	E		faa	2000
faa rpd146	1.13	E		faa	2000
faa rpd146	1.14	E		faa	2000
faa rpd146	1.16	P		faa	2000
faa rpd146	1.19	E		faa	2000
faa rpd146	1.21	E		faa	2000
faa rpd146	1.22	E		faa	2000
faa rpd146	1.31	E		faa	2000
faa rpd146	1.34	E		faa	2000
faa rpd146	1.35	E		faa	2000
faa rpd146	3.3	Y	Program addresses runway lighting, signing, and marking. The use of automation is emphasized.	faa	2000
faa rpd146	3.5	P	While this program focuses on lighting, automation of taxiway lighiting may involve datalink.	faa	2000
faa rpd146	3.6	P	Lighting may be linked to surface detection equipment	faa	2000
faa rpd146	3.7	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	faa	2000
faa rpd146	3.11	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	faa	2000
faa rpd146	3.12	P	Sequencing of ground aircraft will be dependant on runway signage, lighting and markings.	faa	2000
faa rpd146	3.21	P	Airport lighting, signing and marking will effect taxi times	faa	2000
faa rpd146	3.23	P	Lighting, signing, and marking may be considered part of the surface management information system. Or data used to control the lighting or signing may be part of the surface management information system	faa	2000
faa rpd146	3.24	P	same as above	faa	2000
faa rpd146	3.25	P		faa	2000
faa rpd146	3.26	P		faa	2000
faa rpd146	3.28	Y	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	faa	2000
faa rpd146	3.29	P		faa	2000
faa rpd146	3.30*	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	3.33	P	Airport lighting, signing and marking will effect taxi times	faa	2000
faa rpd146	3.36	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000

Program Name	Requirement	Rating	Notes		
faa rpd146	3.37	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	3.39	P	Airport lighting, signing and marking will effect taxi times	faa	2000
faa rpd146	3.40*	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	3.42	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	3.43	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	3.44	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	3.45	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	4.2	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	4.7	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	4.9	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	faa	2000
faa rpd146	4.15	P	Automated taxiway lighting/marking will reduce the need for service provider/pilot voice communications	faa	2000
faa rpd146	4.16	P	Automated taxiway lighting/marking will reduce the need for service provider/pilot voice communications	faa	2000
faa rpd146	4.20*	P	While this program does not address surface decision support tools, airport lighting may be linked to them. Lighting will assist in situational awarness (automated stop bars, etc.)	faa	2000
faa rpd146	4.21	P	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	faa	2000
faa rpd146	4.22	P	Advanced lighting , signing, and marking will be an integral part of surface separation assurance	faa	2000
faa rpd146	4.25	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	4.39	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	4.40*	P		faa	2000
faa rpd146	4.41	P		faa	2000
faa rpd146	4.42	P		faa	2000
faa rpd146	4.46	P	While this program does not address surface decision support tools, airport lighting may be linked to them.	faa	2000
faa rpd146	4.55	P		faa	2000
faa rpd146	7.8	P	Markings of runways and taxiways will be designed to work in conjunction with Surface Movement Guidance and Control Systems (SMGCS).	faa	2000
faa rpd146	7.78	P		faa	2000
faa rpd148	1.19	E		faa	2000
faa rpd148	1.31	E		faa	2000
faa rpd148	1.41	E		faa	2000
faa rpd148	3.15	P	Procedures data from RPD may be shared between users and providers.	faa	2000
faa rpd148	7.1	P		faa	2000
faa rpd148	7.16	P		faa	2000
faa rpd148	7.17	P		faa	2000
faa rpd148	7.19	P		faa	2000

Program Name	Requirement	Rating	Notes		
faa rpd148	7.21	P		faa	2000
faa rpd148	7.22	P		faa	2000
faa rpd148	7.41	P		faa	2000
faa rpd148	7.74	P		faa	2000
faa rpd148	7.76	P		faa	2000
faa rpd150	1.19	E		faa	2000
faa rpd150	7.1	P		faa	2000
faa rpd150	7.5	P		faa	2000
faa rpd150	7.16	P		faa	2000
faa rpd150	7.17	P		faa	2000
faa rpd150	7.19	P		faa	2000
faa rpd150	7.26	P		faa	2000
faa rpd150	7.41	P		faa	2000
faa rpd150	7.74	P		faa	2000
faa rpd150	7.76	P		faa	2000
faa rpd152	1.12	E		faa	2000
faa rpd152	1.19	E		faa	2000
faa rpd152	1.22	E		faa	2000
faa rpd152	1.28	E		faa	2000
faa rpd152	1.35	E		faa	2000
faa rpd152	3.3	P	Surface movement system for low-vis may be developed.	faa	2000
faa rpd152	3.7	P	Equipment may be outfitted with surface -movement DSS	faa	2000
faa rpd152	3.23	P	Firefightining equip may be part of this surface management system at airports.	faa	2000
faa rpd152	3.24	Y		faa	2000
faa rpd152	3.25	P		faa	2000
faa rpd152	7.1	P		faa	2000
faa rpd152	7.6	P		faa	2000
faa rpd152	7.11	P		faa	2000
faa rpd152	7.16	P		faa	2000
faa rpd152	7.17	P		faa	2000
faa rpd152	7.19	P		faa	2000
faa rpd152	7.27	P		faa	2000
faa rpd152	7.41	P		faa	2000
faa rpd152	7.74	P		faa	2000
faa rpd152	7.76	P		faa	2000
faa rpd152	7.77	P		faa	2000
faa rpd589	1.7	E		faa	2000
faa rpd589	1.9	E		faa	2000
faa rpd589	1.11	E		faa	2000
faa rpd589	1.12	E		faa	2000
faa rpd589	1.13	E		faa	2000
faa rpd589	1.14	E		faa	2000
faa rpd589	1.16	P		faa	2000
faa rpd589	1.19	E		faa	2000
faa rpd589	1.21	E		faa	2000
faa rpd589	1.22	E		faa	2000
faa rpd589	1.31	E		faa	2000
faa rpd589	1.34	E		faa	2000
faa rpd589	1.35	E		faa	2000
faa rpd589	3.3	Y		faa	2000
faa rpd589	3.6	P		faa	2000
faa rpd589	3.7	P		faa	2000
faa rpd589	3.11	P		faa	2000
faa rpd589	3.23	P		faa	2000
faa rpd589	3.25	P		faa	2000
faa rpd589	3.28	Y		faa	2000
faa rpd589	3.29	Y		faa	2000
faa rpd589	3.30*	P		faa	2000
faa rpd589	3.36	P		faa	2000

Program Name	Requirement	Rating	Notes		
faa rpd589	3.38	E		faa	2000
faa rpd589	3.39	E		faa	2000
faa rpd589	3.40*	P		faa	2000
faa rpd589	3.42	P		faa	2000
faa rpd589	3.43	E		faa	2000
faa rpd589	3.44	P		faa	2000
faa rpd589	3.45	P		faa	2000
faa rpd589	7.11	P		faa	2000
faa rpd589	7.17	P		faa	2000
faa rpd589	7.18	P		faa	2000
faa rpd589	7.19	P		faa	2000
faa rpd589	7.27	P		faa	2000
faa rpd589	7.42	P		faa	2000
faa rpd589	7.52	E		faa	2000
faa rpd589	7.74	P		faa	2000
faa rpd589	7.76	P		faa	2000
faa rpd589	7.77	Y		faa	2000
faa rpd589	7.78	P		faa	2000
partners..doc	1.7	E		faa	2000
partners..doc	1.10*	E		faa	2000
partners..doc	1.19	E		faa	2000
partners..doc	1.21	E		faa	2000
partners..doc	1.41	E		faa	2000
partners..doc	7.17	P	Program addresses management of R&D	faa	2000
planrpd.doc	1.5	E		faa	2000
planrpd.doc	1.7	E		faa	2000
planrpd.doc	1.10*	E		faa	2000
planrpd.doc	1.19	E		faa	2000
planrpd.doc	1.21	E		faa	2000
planrpd.doc	1.31	E		faa	2000
planrpd.doc	1.35	E		faa	2000
planrpd.doc	1.41	E		faa	2000
planrpd.doc	7.7	E	"Continuous evaluation" of "initiatives" may be extensible to better management of R&D	faa	2000
planrpd.doc	7.11	E	Program calls for more users to be involved in R & D	faa	2000
planrpd.doc	7.17	E	Program deals with the management of new technology development	faa	2000
planrpd.doc	7.18	P	does management of the NAS include management of R&D?	faa	2000
planrpd.doc	7.19	P		faa	2000
planrpd.doc	7.26	P	does management of the NAS include management of R&D?	faa	2000
planrpd.doc	7.41	P	does management of the NAS infrastructure include management of R&D?	faa	2000
planrpd.doc	7.74	P		faa	2000
planrpd.doc	8.9	P		faa	2000
planrpd.doc	8.10*	P		faa	2000
planrpd.doc	8.11	P		faa	2000
planrpd.doc	8.12	P		faa	2000
rpdadl	1.2	Y	airborne-ground interaction requires data link	faa	2000
rpdadl	1.5	Y	comm needed	faa	2000
rpdadl	1.7	E	new equipment	faa	2000
rpdadl	1.10*	E	free flight will require more comm	faa	2000
rpdadl	1.12	E	information exchange needs comm	faa	2000
rpdadl	1.16	P	improved air/ground comm	faa	2000
rpdadl	1.23	E	data from NAS wide info system must be distributed via comm	faa	2000
rpdadl	1.24	P	data exchange	faa	2000
rpdadl	1.28	Y	seamless comm	faa	2000
rpdadl	1.29	Y	seamless comm	faa	2000
rpdadl	1.30*	Y	seamless comm allows increased collaboration	faa	2000

Program Name	Requirement	Rating	Notes		
rpdadl	1.37	E	collaboration requires comm	faa	2000
rpdadl	2.1	P	Datalink may be integral to this process.	faa	2000
rpdadl	2.2	P		faa	2000
rpdadl	2.3	P		faa	2000
rpdadl	2.4	P		faa	2000
rpdadl	2.5	P		faa	2000
rpdadl	2.7	Y		faa	2000
rpdadl	2.9	P		faa	2000
rpdadl	2.10*	P		faa	2000
rpdadl	2.11	P	Information will most likely be exchanged through datalink	faa	2000
rpdadl	2.12	P		faa	2000
rpdadl	2.13	P		faa	2000
rpdadl	2.14	P		faa	2000
rpdadl	2.15	P		faa	2000
rpdadl	2.16	P		faa	2000
rpdadl	2.17	P		faa	2000
rpdadl	2.20*	E		faa	2000
rpdadl	2.21	E		faa	2000
rpdadl	2.22	P		faa	2000
rpdadl	3.3	Y		faa	2000
rpdadl	3.5	Y		faa	2000
rpdadl	3.6	E		faa	2000
rpdadl	3.7	E		faa	2000
rpdadl	3.8	Y		faa	2000
rpdadl	3.9	Y		faa	2000
rpdadl	3.10*	Y		faa	2000
rpdadl	3.11	E		faa	2000
rpdadl	3.12	P		faa	2000
rpdadl	3.15	P		faa	2000
rpdadl	3.18	Y		faa	2000
rpdadl	3.19	Y		faa	2000
rpdadl	3.20*	Y		faa	2000
rpdadl	3.21	Y		faa	2000
rpdadl	3.23	E		faa	2000
rpdadl	3.24	Y		faa	2000
rpdadl	3.25	Y		faa	2000
rpdadl	3.26	Y		faa	2000
rpdadl	3.27	Y		faa	2000
rpdadl	3.28	E		faa	2000
rpdadl	3.30*	P		faa	2000
rpdadl	3.31	P		faa	2000
rpdadl	3.32	P		faa	2000
rpdadl	3.33	E		faa	2000
rpdadl	3.36	P		faa	2000
rpdadl	3.37	P		faa	2000
rpdadl	3.40*	P		faa	2000
rpdadl	3.42	P		faa	2000
rpdadl	3.43	E		faa	2000
rpdadl	3.44	E		faa	2000
rpdadl	3.45	E		faa	2000
rpdadl	4.2	P		faa	2000
rpdadl	4.3	E		faa	2000
rpdadl	4.5	Y		faa	2000
rpdadl	4.6	Y		faa	2000
rpdadl	4.7	Y		faa	2000
rpdadl	4.8	Y		faa	2000
rpdadl	4.9	E		faa	2000
rpdadl	4.11	Y		faa	2000
rpdadl	4.12	Y		faa	2000
rpdadl	4.14	Y		faa	2000

Program Name	Requirement	Rating	Notes		
rpdadl	4.15	Y		faa	2000
rpdadl	4.16	Y		faa	2000
rpdadl	4.18	Y		faa	2000
rpdadl	4.20*	E		faa	2000
rpdadl	4.24	P		faa	2000
rpdadl	4.25	P		faa	2000
rpdadl	4.26	P		faa	2000
rpdadl	4.27	P		faa	2000
rpdadl	4.28	P		faa	2000
rpdadl	4.29	P		faa	2000
rpdadl	4.33	E		faa	2000
rpdadl	4.34	P		faa	2000
rpdadl	4.35	E		faa	2000
rpdadl	4.36	Y		faa	2000
rpdadl	4.39	E		faa	2000
rpdadl	4.40*	E		faa	2000
rpdadl	4.42	P		faa	2000
rpdadl	4.44	E		faa	2000
rpdadl	4.45	E		faa	2000
rpdadl	4.46	E		faa	2000
rpdadl	4.48	E		faa	2000
rpdadl	4.49	E		faa	2000
rpdadl	4.50*	E		faa	2000
rpdadl	4.52	E		faa	2000
rpdadl	4.53	E		faa	2000
rpdadl	4.54	P		faa	2000
rpdadl	4.56	E		faa	2000
rpdadl	4.57	E		faa	2000
rpdadl	4.66	P		faa	2000
rpdadl	5.1	E		faa	2000
rpdadl	5.2	E		faa	2000
rpdadl	5.4	E		faa	2000
rpdadl	5.4	E		faa	2000
rpdadl	5.5	P		faa	2000
rpdadl	5.6.2	E		faa	2000
rpdadl	5.7	E		faa	2000
rpdadl	5.8	P		faa	2000
rpdadl	5.9.2	E		faa	2000
rpdadl	5.10*	E		faa	2000
rpdadl	5.12	P		faa	2000
rpdadl	5.13	E		faa	2000
rpdadl	5.14	Y		faa	2000
rpdadl	5.15	Y		faa	2000
rpdadl	5.18	P		faa	2000
rpdadl	5.22	E		faa	2000
rpdadl	5.23	P		faa	2000
rpdadl	5.24	Y		faa	2000
rpdadl	5.25	E		faa	2000
rpdadl	5.26	Y		faa	2000
rpdadl	5.27	P		faa	2000
rpdadl	5.28	P		faa	2000
rpdadl	5.32	P		faa	2000
rpdadl	5.33	P		faa	2000
rpdadl	5.34	P		faa	2000
rpdadl	5.35	E		faa	2000
rpdadl	5.38	P		faa	2000
rpdadl	5.39	P		faa	2000
rpdadl	5.41	Y		faa	2000
rpdadl	5.43	E		faa	2000
rpdadl	5.45	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdadl	5.46	E		faa	2000
rpdadl	5.48	E		faa	2000
rpdadl	5.49	E		faa	2000
rpdadl	5.50*	E		faa	2000
rpdadl	5.53	E		faa	2000
rpdadl	5.55	E		faa	2000
rpdadl	5.56	E		faa	2000
rpdadl	5.57	E		faa	2000
rpdadl	5.61	E		faa	2000
rpdadl	5.62	E		faa	2000
rpdadl	5.63	E		faa	2000
rpdadl	5.64	Y		faa	2000
rpdadl	5.66	E		faa	2000
rpdadl	5.73	E		faa	2000
rpdadl	6.2	Y		faa	2000
rpdadl	6.4	E		faa	2000
rpdadl	6.6	Y		faa	2000
rpdadl	6.7	P		faa	2000
rpdadl	6.8	Y		faa	2000
rpdadl	6.9	E		faa	2000
rpdadl	6.10*	E		faa	2000
rpdadl	6.14	P		faa	2000
rpdadl	6.15	E		faa	2000
rpdadl	6.21	E		faa	2000
rpdadl	6.23	P		faa	2000
rpdadl	6.24	E		faa	2000
rpdadl	6.25	P		faa	2000
rpdadl	6.27	E		faa	2000
rpdadl	6.30*	E		faa	2000
rpdadl	6.31	P		faa	2000
rpdadl	6.33	P		faa	2000
rpdadl	6.35	Y		faa	2000
rpdadl	6.36	Y		faa	2000
rpdadl	6.38	E		faa	2000
rpdadl	6.39	E		faa	2000
rpdadl	6.40*	E		faa	2000
rpdadl	7.1	P		faa	2000
rpdadl	7.2	E		faa	2000
rpdadl	7.5	E		faa	2000
rpdadl	7.6	E		faa	2000
rpdadl	7.10*	P		faa	2000
rpdadl	7.11	E		faa	2000
rpdadl	7.16	E		faa	2000
rpdadl	7.17	P		faa	2000
rpdadl	7.18	E		faa	2000
rpdadl	7.25	E		faa	2000
rpdadl	7.27	P		faa	2000
rpdadl	7.28	P		faa	2000
rpdadl	7.32	E		faa	2000
rpdadl	7.33	E		faa	2000
rpdadl	7.37	E		faa	2000
rpdadl	7.38	E		faa	2000
rpdadl	7.39	E		faa	2000
rpdadl	7.41	E		faa	2000
rpdadl	7.43	E		faa	2000
rpdadl	7.44	E		faa	2000
rpdadl	7.45	E		faa	2000
rpdadl	7.46	E		faa	2000
rpdadl	7.48	E		faa	2000
rpdadl	7.51	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdadl	7.53	E		faa	2000
rpdadl	7.54	E		faa	2000
rpdadl	7.57	E		faa	2000
rpdadl	7.58	E		faa	2000
rpdadl	7.60*	E		faa	2000
rpdadl	7.61	E		faa	2000
rpdadl	7.64	E		faa	2000
rpdadl	7.65	E		faa	2000
rpdadl	7.66	E		faa	2000
rpdadl	7.69	E		faa	2000
rpdadl	7.73	E		faa	2000
rpdadl	7.77	P		faa	2000
rpdadl	7.78	P		faa	2000
rpdads	1.2	Y	ground a airborne infrastructure	faa	2000
rpdads	1.5	Y	comm / surveillance	faa	2000
rpdads	1.7	E	ADS-B means new equipment	faa	2000
rpdads	1.10*	Y	supports free flight	faa	2000
rpdads	1.12	Y	information exchange	faa	2000
rpdads	1.16	Y	air / ground coordination and comm	faa	2000
rpdads	1.17	Y	flight deck in separation responsibility	faa	2000
rpdads	1.20*	Y	separation is flight deck responsibility some times	faa	2000
rpdads	2.2	E		faa	2000
rpdads	2.3	P		faa	2000
rpdads	2.5	P		faa	2000
rpdads	2.7	E		faa	2000
rpdads	2.10*	P		faa	2000
rpdads	2.20*	E		faa	2000
rpdads	2.21	E		faa	2000
rpdads	2.22	E		faa	2000
rpdads	3.3	Y	ADSB can be used for ground applications as well as for flighty ops	faa	2000
rpdads	3.5	Y	this system will increase airport safety	faa	2000
rpdads	3.6	P	adsb could be considered part of a SDE (surface detection equip)system	faa	2000
rpdads	3.10*	P	adsb could provide the information needed in non-radar environments for traffic flow mgt.	faa	2000
rpdads	3.11	P	adsb could feed the surface DSS with location data	faa	2000
rpdads	3.12	P	adsb provides neccesary data for automation systems	faa	2000
rpdads	3.15	Y	adsb provides aeronautical data	faa	2000
rpdads	3.21	Y	adsb provides a/c location	faa	2000
rpdads	3.23	P	adsb provides neccasary data for "surface mgt. Info sys."	faa	2000
rpdads	3.24	Y	it does provide data to service provider and other a/c	faa	2000
rpdads	3.25	P		faa	2000
rpdads	3.28	Y		faa	2000
rpdads	3.29	P		faa	2000
rpdads	3.30*	Y		faa	2000
rpdads	3.31	Y		faa	2000
rpdads	3.32	Y		faa	2000
rpdads	3.33	Y		faa	2000
rpdads	3.36	P	adsb provides the monitoring info required	faa	2000
rpdads	3.37	P		faa	2000
rpdads	3.38	E		faa	2000
rpdads	3.39	E		faa	2000
rpdads	3.40*	P		faa	2000
rpdads	3.42	P		faa	2000
rpdads	3.43	P		faa	2000
rpdads	3.44	P	adsb provides established a/c movements for taxi situations	faa	2000
rpdads	3.45	P		faa	2000
rpdads	4.2	P	adsb provides the data	faa	2000
rpdads	4.3	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdads	4.5	Y		faa	2000
rpdads	4.6	E	could be intergrated into existing system	faa	2000
rpdads	4.7	E		faa	2000
rpdads	4.8	E		faa	2000
rpdads	4.9	Y		faa	2000
rpdads	4.11	Y		faa	2000
rpdads	4.12	Y		faa	2000
rpdads	4.15	Y		faa	2000
rpdads	4.16	Y		faa	2000
rpdads	4.20*	Y		faa	2000
rpdads	4.21	Y		faa	2000
rpdads	4.22	P		faa	2000
rpdads	4.23	E		faa	2000
rpdads	4.24	E		faa	2000
rpdads	4.25	Y		faa	2000
rpdads	4.26	Y		faa	2000
rpdads	4.27	Y		faa	2000
rpdads	4.28	P		faa	2000
rpdads	4.29	P		faa	2000
rpdads	4.31	P		faa	2000
rpdads	4.32	P		faa	2000
rpdads	4.33	P		faa	2000
rpdads	4.34	Y		faa	2000
rpdads	4.35	Y		faa	2000
rpdads	4.38	E		faa	2000
rpdads	4.39	Y		faa	2000
rpdads	4.40*	Y		faa	2000
rpdads	4.42	E		faa	2000
rpdads	4.43	Y		faa	2000
rpdads	4.44	Y		faa	2000
rpdads	4.45	E		faa	2000
rpdads	4.46	Y		faa	2000
rpdads	4.48	P		faa	2000
rpdads	4.49	P		faa	2000
rpdads	4.50*	P		faa	2000
rpdads	4.54	E		faa	2000
rpdads	4.55	E		faa	2000
rpdads	4.57	P		faa	2000
rpdads	4.58	P		faa	2000
rpdads	4.60*	Y		faa	2000
rpdads	4.61	Y		faa	2000
rpdads	4.62	P		faa	2000
rpdads	4.63	P		faa	2000
rpdads	4.64	P		faa	2000
rpdads	4.66	Y		faa	2000
rpdads	5.1	P		faa	2000
rpdads	5.2	P		faa	2000
rpdads	5.4	P		faa	2000
rpdads	5.7	Y		faa	2000
rpdads	5.8	Y		faa	2000
rpdads	5.9.2	P		faa	2000
rpdads	5.10*	P		faa	2000
rpdads	5.12	Y		faa	2000
rpdads	5.13	Y		faa	2000
rpdads	5.14	Y		faa	2000
rpdads	5.15	Y		faa	2000
rpdads	5.18	Y		faa	2000
rpdads	5.20*	P		faa	2000
rpdads	5.22	P		faa	2000
rpdads	5.25	Y		faa	2000

Program Name	Requirement	Rating	Notes		
rpdads	5.30*	P		faa	2000
rpdads	5.31	P		faa	2000
rpdads	5.32	P		faa	2000
rpdads	5.34	P		faa	2000
rpdads	5.35	P		faa	2000
rpdads	5.37	P		faa	2000
rpdads	5.39	P		faa	2000
rpdads	5.41	Y		faa	2000
rpdads	5.42	P		faa	2000
rpdads	5.43	P		faa	2000
rpdads	5.45	P		faa	2000
rpdads	5.49	E		faa	2000
rpdads	5.51	P		faa	2000
rpdads	5.53	E		faa	2000
rpdads	5.56	P		faa	2000
rpdads	5.57	P		faa	2000
rpdads	5.58	P		faa	2000
rpdads	5.59	P		faa	2000
rpdads	5.60*	P		faa	2000
rpdads	5.61	E		faa	2000
rpdads	5.63	P		faa	2000
rpdads	5.64	E		faa	2000
rpdads	5.66	E		faa	2000
rpdads	5.71	E		faa	2000
rpdads	6.2	Y		faa	2000
rpdads	6.3	Y		faa	2000
rpdads	6.4	Y		faa	2000
rpdads	6.5	P		faa	2000
rpdads	6.6	P		faa	2000
rpdads	6.7	Y		faa	2000
rpdads	6.9	P		faa	2000
rpdads	6.10*	P		faa	2000
rpdads	6.12	P		faa	2000
rpdads	6.13	Y		faa	2000
rpdads	6.14	Y		faa	2000
rpdads	6.15	P		faa	2000
rpdads	6.16	P		faa	2000
rpdads	6.20*	E		faa	2000
rpdads	6.21	Y		faa	2000
rpdads	6.22	Y		faa	2000
rpdads	6.23	Y		faa	2000
rpdads	6.24	Y		faa	2000
rpdads	6.25	P		faa	2000
rpdads	6.26	P		faa	2000
rpdads	6.27	P		faa	2000
rpdads	6.28	P		faa	2000
rpdads	6.30*	E		faa	2000
rpdads	6.31	P		faa	2000
rpdads	6.33	Y		faa	2000
rpdads	6.34	P		faa	2000
rpdads	6.35	E		faa	2000
rpdads	6.36	Y		faa	2000
rpdads	6.40*	P		faa	2000
rpdads	7.1	P		faa	2000
rpdads	7.2	E		faa	2000
rpdads	7.5	P		faa	2000
rpdads	7.7	P		faa	2000
rpdads	7.10*	P		faa	2000
rpdads	7.11	P		faa	2000
rpdads	7.12	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdads	7.13	P		faa	2000
rpdads	7.14	P		faa	2000
rpdads	7.16	P		faa	2000
rpdads	7.18	P		faa	2000
rpdads	7.24	E		faa	2000
rpdads	7.25	P		faa	2000
rpdads	7.27	P		faa	2000
rpdads	7.32	P		faa	2000
rpdads	7.35	E		faa	2000
rpdads	7.37	E		faa	2000
rpdads	7.43	E		faa	2000
rpdads	7.44	E		faa	2000
rpdads	7.46	E		faa	2000
rpdads	7.47	E		faa	2000
rpdads	7.51	P		faa	2000
rpdads	7.52	P		faa	2000
rpdads	7.57	P		faa	2000
rpdads	7.58	P		faa	2000
rpdads	7.61	E		faa	2000
rpdads	7.62	E		faa	2000
rpdads	7.65	E		faa	2000
rpdads	7.66	E		faa	2000
rpdads	7.69	E		faa	2000
rpdads	7.70*	E		faa	2000
rpdads	7.77	P		faa	2000
rpdads	7.78	E		faa	2000
rpdasc	1.19	P	increasing capacity accounted in technology implementation	faa	2000
rpdasc	1.40*	Y	identify user requirements includes capacity	faa	2000
rpdasc	1.42	E	managers have decision support to manage operations	faa	2000
rpdasc	3.3	E		faa	2000
rpdasc	3.5	P		faa	2000
rpdasc	3.6	P		faa	2000
rpdasc	3.10*	E		faa	2000
rpdasc	3.23	E		faa	2000
rpdasc	3.24	E		faa	2000
rpdasc	3.42	E		faa	2000
rpdasc	4.7	E		faa	2000
rpdasc	4.9	E		faa	2000
rpdasc	4.24	E		faa	2000
rpdasc	4.39	E		faa	2000
rpdasc	4.42	E		faa	2000
rpdasc	4.43	P		faa	2000
rpdasc	4.44	E		faa	2000
rpdasc	4.46	E		faa	2000
rpdasc	4.49	E		faa	2000
rpdasc	4.50*	E		faa	2000
rpdasc	4.52	E		faa	2000
rpdasc	4.54	E		faa	2000
rpdasc	4.55	E		faa	2000
rpdasc	4.56	E		faa	2000
rpdasc	4.57	E		faa	2000
rpdasc	4.58	E		faa	2000
rpdasc	4.63	E		faa	2000
rpdasc	4.64	E		faa	2000
rpdasc	4.66	E		faa	2000
rpdasc	4.68	E		faa	2000
rpdasc	5.1	E		faa	2000
rpdasc	5.2	E		faa	2000
rpdasc	5.3	E		faa	2000
rpdasc	5.4	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdasc	5.5	E		faa	2000
rpdasc	5.6.1	E		faa	2000
rpdasc	5.6.2	E		faa	2000
rpdasc	5.9.1	E		faa	2000
rpdasc	5.10*	E		faa	2000
rpdasc	5.11	E		faa	2000
rpdasc	5.18	E		faa	2000
rpdasc	5.22	E		faa	2000
rpdasc	5.43	E		faa	2000
rpdasc	5.46	E		faa	2000
rpdasc	5.50*	E		faa	2000
rpdasc	5.51	E		faa	2000
rpdasc	5.52	E		faa	2000
rpdasc	5.53	P		faa	2000
rpdasc	5.56	E		faa	2000
rpdasc	5.58	E		faa	2000
rpdasc	5.59	E		faa	2000
rpdasc	5.61	E		faa	2000
rpdasc	5.62	E		faa	2000
rpdasc	5.63	E		faa	2000
rpdasc	5.66	E		faa	2000
rpdasc	5.7	P		faa	2000
rpdasc	5.71	P		faa	2000
rpdasc	5.72	P		faa	2000
rpdasc	5.73	P		faa	2000
rpdasc	6.2	E		faa	2000
rpdasc	6.3	E		faa	2000
rpdasc	6.4	E		faa	2000
rpdasc	6.7	E		faa	2000
rpdasc	6.9	E		faa	2000
rpdasc	6.12	E		faa	2000
rpdasc	6.13	E		faa	2000
rpdasc	6.14	E		faa	2000
rpdasc	6.16	E		faa	2000
rpdasc	6.20*	E		faa	2000
rpdasc	6.25	E		faa	2000
rpdasc	6.26	E		faa	2000
rpdasc	6.27	E		faa	2000
rpdasc	6.28	E		faa	2000
rpdasc	6.31	E		faa	2000
rpdasc	6.33	E		faa	2000
rpdasc	6.34	E		faa	2000
rpdasc	6.35	E		faa	2000
rpdasc	6.36	E		faa	2000
rpdasc	6.37	E		faa	2000
rpdasc	6.38	E		faa	2000
rpdasc	6.39	E		faa	2000
rpdasc	6.40*	E		faa	2000
rpdasc	7.1	P		faa	2000
rpdasc	7.2	P		faa	2000
rpdasc	7.5	P		faa	2000
rpdasc	7.6	P		faa	2000
rpdasc	7.7	P		faa	2000
rpdasc	7.8	P		faa	2000
rpdasc	7.10*	P		faa	2000
rpdasc	7.11	Y		faa	2000
rpdasc	7.12	Y		faa	2000
rpdasc	7.13	P		faa	2000
rpdasc	7.14	P		faa	2000
rpdasc	7.16	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdasc	7.17	P		faa	2000
rpdasc	7.18	P		faa	2000
rpdasc	7.19	P		faa	2000
rpdasc	7.21	P		faa	2000
rpdasc	7.22	P		faa	2000
rpdasc	7.23	P		faa	2000
rpdasc	7.24	P		faa	2000
rpdasc	7.25	P		faa	2000
rpdasc	7.26	P		faa	2000
rpdasc	7.27	P		faa	2000
rpdasc	7.28	P		faa	2000
rpdasc	7.29	P		faa	2000
rpdasc	7.30*	P		faa	2000
rpdasc	7.31	P		faa	2000
rpdasc	7.32	P		faa	2000
rpdasc	7.33	P		faa	2000
rpdasc	7.34	P		faa	2000
rpdasc	7.35	P		faa	2000
rpdasc	7.36	P		faa	2000
rpdasc	7.37	P		faa	2000
rpdasc	7.38	P		faa	2000
rpdasc	7.39	P		faa	2000
rpdasc	7.40*	P		faa	2000
rpdasc	7.41	P		faa	2000
rpdasc	7.42	P		faa	2000
rpdasc	7.43	P		faa	2000
rpdasc	7.44	P		faa	2000
rpdasc	7.45	P		faa	2000
rpdasc	7.46	P		faa	2000
rpdasc	7.47	P		faa	2000
rpdasc	7.48	P		faa	2000
rpdasc	7.49	P		faa	2000
rpdasc	7.51	P		faa	2000
rpdasc	7.52	P		faa	2000
rpdasc	7.53	P		faa	2000
rpdasc	7.54	P		faa	2000
rpdasc	7.57	P		faa	2000
rpdasc	7.58	P		faa	2000
rpdasc	7.59	P		faa	2000
rpdasc	7.60*	E		faa	2000
rpdasc	7.61	P		faa	2000
rpdasc	7.62	P		faa	2000
rpdasc	7.64	P		faa	2000
rpdasc	7.65	P		faa	2000
rpdasc	7.66	P		faa	2000
rpdasc	7.68	P		faa	2000
rpdasc	7.69	P		faa	2000
rpdasc	7.70*	P		faa	2000
rpdasc	7.71	P		faa	2000
rpdasc	7.72	P		faa	2000
rpdasc	7.73	P		faa	2000
rpdasc	7.74	P		faa	2000
rpdasc	7.76	P		faa	2000
rpdasc	7.77	P		faa	2000
rpdasc	7.78	P		faa	2000
rpdasc	8.1	E		faa	2000
rpdasc	8.3	E		faa	2000
rpdasc	8.4	E		faa	2000
rpdasc	8.6	E		faa	2000
rpdasc	8.8	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdasc	8.9	E		faa	2000
rpdasc	8.10*	E		faa	2000
rpdasc	8.11	E		faa	2000
rpdasc	8.12	E		faa	2000
rpdasc	8.13	E		faa	2000
rpdasc	8.14	E		faa	2000
rpdasc	8.15	E		faa	2000
rpdasc	8.17	E		faa	2000
rpdavf	1.2	E		faa	2000
rpdavf	1.5	E		faa	2000
rpdavf	1.7	E		faa	2000
rpdavf	1.9	E		faa	2000
rpdavf	1.10*	E		faa	2000
rpdavf	1.17	E		faa	2000
rpdavf	1.20*	E		faa	2000
rpdavf	3.24	P		faa	2000
rpdavf	4.5	P		faa	2000
rpdavf	4.6	E		faa	2000
rpdavf	4.7	P		faa	2000
rpdavf	4.8	P		faa	2000
rpdavf	4.12	Y		faa	2000
rpdavf	4.24	P		faa	2000
rpdavf	4.27	E		faa	2000
rpdavf	4.36	P		faa	2000
rpdavf	5.64	P		faa	2000
rpdavf	6.8	P		faa	2000
rpdavw	1.10*	E	weather issues must be solved for free flight	faa	2000
rpdavw	1.17	Y	enhanced weather detection and reporting	faa	2000
rpdavw	1.23	P	NAS-wide info system also distributes weather info	faa	2000
rpdavw	1.24	P	NAS-wide info system also distributes weather info	faa	2000
rpdavw	1.38	Y	increasingly accurate weather data	faa	2000
rpdavw	1.39	Y	weather tools into decision support	faa	2000
rpdavw	2.2	E		faa	2000
rpdavw	2.4	E		faa	2000
rpdavw	2.7	E		faa	2000
rpdavw	2.9	E		faa	2000
rpdavw	2.10*	E		faa	2000
rpdavw	2.15	Y		faa	2000
rpdavw	2.16	P		faa	2000
rpdavw	2.17	E		faa	2000
rpdavw	3.3	P		faa	2000
rpdavw	3.5	E		faa	2000
rpdavw	3.6	P		faa	2000
rpdavw	3.10*	E		faa	2000
rpdavw	3.11	E	de-icing procedures are part of the program that would be incorporated into the surface dss	faa	2000
rpdavw	3.15	Y		faa	2000
rpdavw	3.18	Y		faa	2000
rpdavw	3.19	Y		faa	2000
rpdavw	3.21	E		faa	2000
rpdavw	3.23	E		faa	2000
rpdavw	3.24	E		faa	2000
rpdavw	3.25	E		faa	2000
rpdavw	3.26	E		faa	2000
rpdavw	3.43	E		faa	2000
rpdavw	3.44	P		faa	2000
rpdavw	3.45	E		faa	2000
rpdavw	4.2	E		faa	2000
rpdavw	4.5	Y		faa	2000
rpdavw	4.6	Y		faa	2000

Program Name	Requirement	Rating	Notes		
rpdavw	4.8	E		faa	2000
rpdavw	4.9	E		faa	2000
rpdavw	4.15	E		faa	2000
rpdavw	4.18	Y		faa	2000
rpdavw	4.20*	E		faa	2000
rpdavw	4.23	Y		faa	2000
rpdavw	4.26	E		faa	2000
rpdavw	4.27	Y		faa	2000
rpdavw	4.28	P		faa	2000
rpdavw	4.35	Y		faa	2000
rpdavw	4.36	Y		faa	2000
rpdavw	4.49	Y		faa	2000
rpdavw	4.50*	Y		faa	2000
rpdavw	4.52	Y		faa	2000
rpdavw	4.53	Y		faa	2000
rpdavw	4.64	E		faa	2000
rpdavw	5.2	Y		faa	2000
rpdavw	5.4	P		faa	2000
rpdavw	5.9.2	E		faa	2000
rpdavw	5.10*	E		faa	2000
rpdavw	5.11	P		faa	2000
rpdavw	5.26	Y		faa	2000
rpdavw	5.27	Y		faa	2000
rpdavw	5.28	Y		faa	2000
rpdavw	5.32	Y		faa	2000
rpdavw	5.33	Y		faa	2000
rpdavw	5.47	E		faa	2000
rpdavw	5.48	Y		faa	2000
rpdavw	5.50*	P		faa	2000
rpdavw	5.52	P		faa	2000
rpdavw	5.57	E		faa	2000
rpdavw	5.59	E		faa	2000
rpdavw	5.60*	E		faa	2000
rpdavw	5.66	E		faa	2000
rpdavw	6.2	E		faa	2000
rpdavw	6.14	E		faa	2000
rpdavw	6.33	E		faa	2000
rpdavw	6.34	E		faa	2000
rpdavw	6.36	P		faa	2000
rpdavw	6.37	E		faa	2000
rpdavw	6.40*	P		faa	2000
rpdavw	7.1	E		faa	2000
rpdavw	7.5	Y		faa	2000
rpdavw	7.7	E		faa	2000
rpdavw	7.8	E		faa	2000
rpdavw	7.10*	E		faa	2000
rpdavw	7.12	E		faa	2000
rpdavw	7.16	E		faa	2000
rpdavw	7.18	E		faa	2000
rpdavw	7.25	E		faa	2000
rpdavw	7.27	P		faa	2000
rpdavw	7.28	P		faa	2000
rpdavw	7.32	P		faa	2000
rpdavw	7.33	P		faa	2000
rpdavw	7.36	P		faa	2000
rpdavw	7.37	E		faa	2000
rpdavw	7.43	E		faa	2000
rpdavw	7.44	E		faa	2000
rpdavw	7.48	E		faa	2000
rpdavw	7.49	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdavw	7.53	Y		faa	2000
rpdavw	7.54	Y		faa	2000
rpdavw	7.57	Y		faa	2000
rpdavw	7.60*	E		faa	2000
rpdavw	7.61	E		faa	2000
rpdavw	7.62	P		faa	2000
rpdavw	7.66	P		faa	2000
rpdavw	7.77	Y		faa	2000
rpdenr	1.5	P	program en route research helps create flexible system	faa	2000
rpdenr	1.10*	Y	program en route research necessary for Free Flight	faa	2000
rpdenr	1.16	Y	decision support systems keep controller workload constant	faa	2000
rpdenr	1.17	Y	conflict detection / resolution keeps safety	faa	2000
rpdenr	1.32	P	program en route research will create automation aids	faa	2000
rpdenr	1.33	Y	decision support systems support providers in their tasks	faa	2000
rpdenr	1.34	Y	tools to reduce burden of routine tasks	faa	2000
rpdenr	4.3	P	program tools assist in arrival structure expansion	faa	2000
rpdenr	4.9	Y	decision support assists provider in merging and sequencing t	faa	2000
rpdenr	4.20*	Y	decision support for conflict identification / resolution and sequ	faa	2000
rpdenr	4.25	E	improved tools help assure aircraft separation	faa	2000
rpdenr	4.26	E	program tools could include situation displays and conflict alei	faa	2000
rpdenr	4.29	Y	conflict detection functions and conflict resolutions	faa	2000
rpdenr	4.38	P	departure and arrival planning involve sequencing	faa	2000
rpdenr	4.40*	P	improved arrival flows through tools	faa	2000
rpdenr	4.46	P	decision support for managing arrivals and departures	faa	2000
rpdenr	4.50*	E	decision support for identifying airport congestion	faa	2000
rpdenr	4.56	Y	arrival and departure service providers provide info about NAS	faa	2000
rpdenr	5.1	Y	program tools will allow unconstrained airspace structures and	faa	2000
rpdenr	5.2	Y	improved decision support tools for conflict detection, resolutio	faa	2000
rpdenr	5.6.1.	P	program tools can help make structured routes the exception	faa	2000
rpdenr	5.10*	Y	conflict probe helps develop traffic solutions	faa	2000
rpdenr	5.11	Y	decision support allow aircraft routes with most favorable wind	faa	2000
rpdenr	5.15	E	more pilot intent and aircraft performance into decision suppo	faa	2000
rpdenr	5.28	E	weather distribution to decision support	faa	2000
rpdenr	5.35	Y	decision support for conflict detection / resolution	faa	2000
rpdenr	5.37	Y	improve service providers' conflict identification	faa	2000
rpdenr	5.45	E	aircraft to aircraft conflict detection tools	faa	2000
rpdenr	5.58	E	probe becomes a density tool	faa	2000
rpdhf	1.11	Y	human-centered approach	faa	2000
rpdhf	1.13	Y	human factors analysis and sims accounted for in system	faa	2000
rpdhf	1.14	Y	situation awareness, workload, interfaces designed with human factors	faa	2000
rpdhf	1.16	P	human factors must be consideration if no increase in workload	faa	2000
rpdhf	1.21	Y	human-centered design approach	faa	2000
rpdhf	1.22	Y	human capabilities and limitations accounted	faa	2000
rpdhf	3.7	P	Program addresses decision suppport tools	faa	2000
rpdhf	3.28	P	program addresses situation awarness	faa	2000
rpdhf	3.29	P	program addresses situation awarness	faa	2000
rpdhf	3.30*	P		faa	2000
rpdhf	3.31	P	displays require human factors research	faa	2000
rpdhf	3.32	P	displays require human factors research	faa	2000
rpdhf	3.36	P	Program addresses decision suppport tools	faa	2000
rpdhf	3.38	P	Program addresses decision suppport tools	faa	2000
rpdhf	3.39	P	Program addresses decision suppport tools	faa	2000
rpdhf	3.40*	P	program addresses situation awarness	faa	2000
rpdhf	3.42	P		faa	2000
rpdhf	3.43	P		faa	2000
rpdhf	3.44	P		faa	2000
rpdhf	3.45	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdhf	4.23	P	responsibility for separation assurance may require human factors research	faa	2000
rpdhf	4.24	P	responsibility for separation assurance may require human factors research	faa	2000
rpdhf	4.25	P	improved tools and displays for separation assurance may require human factors research	faa	2000
rpdhf	4.26	P	Situation displays and conflict alert require human factors research	faa	2000
rpdhf	4.28	P	"Improved displays" and "situational awareness" requires human factors research	faa	2000
rpdhf	4.29	P	This will require an interface with strong human factors	faa	2000
rpdhf	4.33	P	Automated warnings require a good human factors design	faa	2000
rpdhf	4.35	P	display design requires human factors research	faa	2000
rpdhf	4.36	P	Program will address service providers performance and workload (this will be improtant to display design)	faa	2000
rpdhf	4.43	P	Program will address decision support systems	faa	2000
rpdhf	4.44	P	Advisories to service provider will impact the provider's situational awarness. Situational awarness is one of the focuses of this RPD.	faa	2000
rpdhf	4.45	P	This requirment will effect pilot or controller workload. Workload is a focus of thes RPD.	faa	2000
rpdhf	4.46	P	Program will address the human factors of decision support systems	faa	2000
rpdhf	4.48	P	Program will address the human factors of decision support systems	faa	2000
rpdhf	4.49	P	Program will address the human factors of decision support systems	faa	2000
rpdhf	4.50*	P	Program will address the human factors of decision support systems	faa	2000
rpdhf	4.52	P		faa	2000
rpdhf	4.53	P		faa	2000
rpdhf	4.54	P		faa	2000
rpdhf	5.2	P	program addresses decision support systems with respect to users	faa	2000
rpdhf	5.9.2	P	New display design will require human factors research	faa	2000
rpdhf	5.10*	P	program addresses decision support systems with respect to users	faa	2000
rpdhf	5.11	P	program addresses decision support systems with respect to users	faa	2000
rpdhf	5.15	P	program addresses decision support systems with respect to users	faa	2000
rpdhf	5.25	P	Program will examine workload. This is strongly related to automation.	faa	2000
rpdhf	5.30*	P	program addresses decision support systems with respect to users	faa	2000
rpdhf	5.31	P	program addresses decision support systems with respect to users	faa	2000
rpdhf	5.32	P	program addresses pilot and controller workload in free flight conditions	faa	2000
rpdhf	5.33	P		faa	2000
rpdhf	5.34	P		faa	2000
rpdhf	5.35	P	program addresses decision support systems with respect to users	faa	2000
rpdhf	5.37	P	program addresses pilot and controller workload in free flight conditions	faa	2000
rpdhf	5.38	P	program addresses decision support systems with respect to users	faa	2000
rpdhf	5.42	P	program addresses pilot and controller workload in free flight conditions	faa	2000
rpdhf	5.45	P		faa	2000
rpdhf	5.46	P	program addresses decision support systems with respect to users	faa	2000

Program Name	Requirement	Rating	Notes		
rpdhf	5.47	P	program addresses pilot and controller workload in free flight conditions	faa	2000
rpdhf	5.48	P		faa	2000
rpdhf	5.49	P		faa	2000
rpdhf	5.53	P		faa	2000
rpdhf	5.55	P		faa	2000
rpdhf	5.57	P		faa	2000
rpdhf	5.58	P		faa	2000
rpdhf	5.59	P		faa	2000
rpdhf	5.60*	P		faa	2000
rpdhf	5.62	P		faa	2000
rpdhf	5.63	P		faa	2000
rpdhf	6.4	P	Program addresses decision suppport tools	faa	2000
rpdhf	6.14	P		faa	2000
rpdhf	6.15	P	Visual displays require human factors research	faa	2000
rpdhf	6.22	P	program deals with pilot workload	faa	2000
rpdhf	6.23	P	program addresses situation awarness	faa	2000
rpdhf	6.27	P		faa	2000
rpdhf	6.28	P	Program addresses decision suppport tools	faa	2000
rpdhf	6.33	P	program deals with pilot and controller workload	faa	2000
rpdhf	6.36	P		faa	2000
rpdhf	7.1	P		faa	2000
rpdhf	7.7	P		faa	2000
rpdhf	7.8	P		faa	2000
rpdhf	7.10*	P		faa	2000
rpdhf	7.11	P		faa	2000
rpdhf	7.12	P		faa	2000
rpdhf	7.13	P		faa	2000
rpdhf	7.14	P		faa	2000
rpdhf	7.17	P		faa	2000
rpdhf	7.18	P		faa	2000
rpdhf	7.19	P		faa	2000
rpdhf	7.32	P		faa	2000
rpdhf	7.33	P		faa	2000
rpdhf	7.34	P	Program addresses decision suppport tools	faa	2000
rpdhf	7.36	P	Program addresses decision suppport tools	faa	2000
rpdhf	7.37	P	Program addresses decision suppport tools	faa	2000
rpdhf	7.38	P		faa	2000
rpdhf	7.46	P		faa	2000
rpdhf	7.47	P		faa	2000
rpdhf	7.52	P		faa	2000
rpdhf	7.62	P	Program addresses decision suppport tools	faa	2000
rpdhf	7.69	P	Program addresses decision suppport tools	faa	2000
rpdhf	8.4	P	Program addresses decision suppport tools	faa	2000
rpdnav	1.9	Y	satellite navigation transition	faa	2000
rpdnav	1.10*	P	program outputs can lead to Free Flight	faa	2000
rpdnav	4.3	Y	area navigation with departure / arrival expanded structures	faa	2000
rpdnav	4.11	Y	satellite navigation transition	faa	2000
rpdnav	4.12	Y	satellite navigation transition	faa	2000
rpdnav	4.40*	Y	program tools allow improved arrival flows	faa	2000
rpdnav	4.60*	Y	satellite navigation transition	faa	2000
rpdnav	4.61	Y	satellite navigation transition	faa	2000
rpdnav	4.62	Y	satellite navigation transition	faa	2000
rpdnav	4.63	Y	augmentation systems for precision approaches	faa	2000
rpdnav	4.64	Y	augmentation systems for precision approaches	faa	2000
rpdnav	5.3	E	program tools allow more optimum approaches	faa	2000
rpdnav	5.13	Y	more position data means more surveillance	faa	2000
rpdnav	5.14	Y	satellite navigation transition	faa	2000
rpdnav	5.20*	Y	satellite navigation transition	faa	2000
rpdnav	5.41	Y	satellite navigation transition	faa	2000

Program Name	Requirement	Rating	Notes		
rpdrun	1.2	E		faa	2000
rpdrun	1.7	E		faa	2000
rpdrun	1.9	E		faa	2000
rpdrun	1.12	E		faa	2000
rpdrun	1.13	E		faa	2000
rpdrun	1.14	P		faa	2000
rpdrun	1.16	Y		faa	2000
rpdrun	1.17	E		faa	2000
rpdrun	1.19	P		faa	2000
rpdrun	1.20*	E		faa	2000
rpdrun	1.21	E		faa	2000
rpdrun	1.22	E		faa	2000
rpdrun	1.24	E		faa	2000
rpdrun	1.27	E		faa	2000
rpdrun	1.28	E		faa	2000
rpdrun	1.30*	E		faa	2000
rpdrun	1.31	E		faa	2000
rpdrun	1.33	P		faa	2000
rpdrun	1.33.1	E		faa	2000
rpdrun	1.34	E		faa	2000
rpdrun	1.35	E		faa	2000
rpdrun	1.41	E		faa	2000
rpdrun	3.3	E	many of the systems could help reduce runway incursions	faa	2000
rpdrun	3.21	E	runway incursion avoidance could be included in the automati	faa	2000
rpdrun	3.23	Y	surface management information system important to runway	faa	2000
rpdrun	3.25	Y	information availability decreases runway incursions	faa	2000
rpdrun	3.28	Y	separation assurance from information availability	faa	2000
rpdrun	3.29	Y	surface detection equipment	faa	2000
rpdrun	3.30*	Y	shared ground based surveillance data	faa	2000
rpdrun	3.31	Y	situation displays	faa	2000
rpdrun	3.32	Y	surface situation display	faa	2000
rpdrun	3.33	P	taxi planning	faa	2000
rpdrun	3.36	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdrun	3.40*	Y	improved aircraft knowledge gives alerts for runway incursion	faa	2000
rpdrun	4.5	Y	automatic ground-to-flight information exchange	faa	2000
rpdrun	4.9	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdrun	4.12	Y	satellite-based position data allows better aircraft separation	faa	2000
rpdrun	4.20*	Y	runway incursion avoidance can be included in decision supp	faa	2000
rpdrun	4.21	P	departure and arrival planning	faa	2000
rpdrun	4.26	E	displays and alerts could be expanded to include incursion av	faa	2000
rpdrun	4.28	E	improved displays	faa	2000
rpdrun	4.29	P	models for detection and resolutions	faa	2000
rpdrun	4.38	P	departure and arrival planning	faa	2000
rpdrun	4.39	P	departure planning tools	faa	2000
rpdrun	4.40*	P	arrival planning tools	faa	2000
rpdrun	4.43	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdrun	4.46	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdrun	4.49	P	runway incursion avoidance can be included in decision supp	faa	2000
rpdrun	4.50*	P	information availability decreases runway incursions	faa	2000
rpdsof	1.7	E		faa	2000
rpdsof	1.13	E		faa	2000
rpdsof	1.14	E		faa	2000
rpdsof	1.16	E		faa	2000
rpdsof	1.17	P		faa	2000
rpdsof	1.19	Y		faa	2000
rpdsof	1.21	E		faa	2000
rpdsof	1.22	E		faa	2000
rpdsof	1.29	E		faa	2000
rpdsof	1.31	Y		faa	2000
rpdsof	1.33	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdsof	1.33.1	P		faa	2000
rpdsof	1.35	E		faa	2000
rpdss	1.5	E		faa	2000
rpdss	1.7	E		faa	2000
rpdss	1.10*	E		faa	2000
rpdss	1.16	E		faa	2000
rpdss	1.17	E		faa	2000
rpdss	1.20*	E		faa	2000
rpdss	1.34	E		faa	2000
rpdss	6.2	E		faa	2000
rpdss	6.3	Y		faa	2000
rpdss	6.4	E		faa	2000
rpdss	6.5	P		faa	2000
rpdss	6.7	E		faa	2000
rpdss	6.10*	P		faa	2000
rpdss	6.12	E		faa	2000
rpdss	6.13	E		faa	2000
rpdss	6.16	E		faa	2000
rpdss	6.17	E		faa	2000
rpdss	6.20*	P		faa	2000
rpdss	6.21	E		faa	2000
rpdss	6.38	E		faa	2000
rpdss	6.40*	E		faa	2000
rpdtca	1.2	Y	airborne system	faa	2000
rpdtca	1.5	P	surveillance system	faa	2000
rpdtca	1.7	Y	evolution through equipment	faa	2000
rpdtca	1.9	E		faa	2000
rpdtca	1.10*	E	free flight enabled by onboard systems	faa	2000
rpdtca	1.14	E	situation awareness through operational assessments	faa	2000
rpdtca	1.17	Y	conflict detection	faa	2000
rpdtca	1.20*	P	separation assurance	faa	2000
rpdtca	4.3	E		faa	2000
rpdtca	4.4	E		faa	2000
rpdtca	4.12	E		faa	2000
rpdtca	4.21	Y		faa	2000
rpdtca	4.22	E		faa	2000
rpdtca	4.23	E		faa	2000
rpdtca	4.25	P		faa	2000
rpdtca	4.26	P		faa	2000
rpdtca	4.32	E		faa	2000
rpdtca	4.44	E		faa	2000
rpdtca	4.45	P		faa	2000
rpdtca	4.63	E		faa	2000
rpdtca	4.66	E		faa	2000
rpdtca	5.1	E		faa	2000
rpdtca	5.2	E		faa	2000
rpdtca	5.7	E		faa	2000
rpdtca	5.10*	E		faa	2000
rpdtca	5.11	E		faa	2000
rpdtca	5.12	E		faa	2000
rpdtca	5.13	E		faa	2000
rpdtca	5.14	E		faa	2000
rpdtca	5.15	E		faa	2000
rpdtca	5.18	P		faa	2000
rpdtca	5.30*	E		faa	2000
rpdtca	5.31	E		faa	2000
rpdtca	5.35	Y		faa	2000
rpdtca	5.37	E		faa	2000
rpdtca	5.45	E		faa	2000
rpdtca	6.2	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtca	6.3	E		faa	2000
rpdtca	6.4	E		faa	2000
rpdtca	6.5	E		faa	2000
rpdtca	6.12	E		faa	2000
rpdtca	6.20*	E		faa	2000
rpdtca	6.22	E		faa	2000
rpdtca	6.23	Y		faa	2000
rpdtca	6.25	P		faa	2000
rpdtca	6.26	E		faa	2000
rpdtca	6.33	E		faa	2000
rpdtca	6.36	P		faa	2000
rpdtca	7.1	E		faa	2000
rpdtca	7.11	E		faa	2000
rpdtca	7.12	E		faa	2000
rpdtca	7.17	E		faa	2000
rpdtca	7.30*	E		faa	2000
rpdtca	7.45	P		faa	2000
rpdtca	7.77	E		faa	2000
rpdtea	1.5	E		faa	2000
rpdtea	1.7	E		faa	2000
rpdtea	1.10*	E		faa	2000
rpdtea	1.12	P		faa	2000
rpdtea	1.14	E		faa	2000
rpdtea	1.16	P		faa	2000
rpdtea	1.17	P		faa	2000
rpdtea	1.19	Y		faa	2000
rpdtea	1.21	E		faa	2000
rpdtea	1.28	E		faa	2000
rpdtea	1.31	E		faa	2000
rpdtea	1.32	Y		faa	2000
rpdtea	1.35	Y		faa	2000
rpdtea	1.36	E		faa	2000
rpdtea	1.37	E		faa	2000
rpdtea	1.39	E		faa	2000
rpdtea	3.3	E		faa	2000
rpdtea	3.5	E		faa	2000
rpdtea	3.6	E		faa	2000
rpdtea	3.11	E		faa	2000
rpdtea	3.21	E		faa	2000
rpdtea	3.28	E		faa	2000
rpdtea	3.30*	E		faa	2000
rpdtea	3.32	E		faa	2000
rpdtea	3.38	E		faa	2000
rpdtea	3.40*	E		faa	2000
rpdtea	3.43	E		faa	2000
rpdtea	4.2	E		faa	2000
rpdtea	4.5	E		faa	2000
rpdtea	4.9	E		faa	2000
rpdtea	4.16	E		faa	2000
rpdtea	4.18	E		faa	2000
rpdtea	4.20*	P		faa	2000
rpdtea	4.29	E		faa	2000
rpdtea	4.32	E		faa	2000
rpdtea	4.33	P		faa	2000
rpdtea	4.38	E		faa	2000
rpdtea	4.39	E		faa	2000
rpdtea	4.42	E		faa	2000
rpdtea	4.46	E		faa	2000
rpdtea	4.48	P		faa	2000
rpdtea	4.49	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtea	4.50*	E		faa	2000
rpdtea	4.52	E		faa	2000
rpdtea	4.55	E		faa	2000
rpdtea	4.56	E		faa	2000
rpdtea	5.38	E		faa	2000
rpdtea	7.1	E		faa	2000
rpdtea	7.2	E		faa	2000
rpdtea	7.7	E		faa	2000
rpdtea	7.10*	E		faa	2000
rpdtea	7.12	E		faa	2000
rpdtea	7.17	Y		faa	2000
rpdtea	7.19	Y		faa	2000
rpdtea	7.27	Y		faa	2000
rpdtea	7.33	E		faa	2000
rpdtea	7.36	P		faa	2000
rpdtea	7.37	E		faa	2000
rpdtea	7.71	E		faa	2000
rpdtea	7.72	E		faa	2000
rpdtea	7.73	E		faa	2000
rpdtea	7.74	P		faa	2000
rpdtea	7.76	E		faa	2000
rpdtea	7.77	E		faa	2000
rpdtea	7.78	E		faa	2000
rpdtec	1.41	E		faa	2000
rpdtec	1.42	E		faa	2000
rpdtec	7.1	E		faa	2000
rpdtec	7.2	E		faa	2000
rpdtec	7.21	E		faa	2000
rpdtec	7.74	E		faa	2000
rpdtec	7.76	E		faa	2000
rpdtec	8.3	P		faa	2000
rpdtec	8.4	E		faa	2000
rpdtec	8.10*	P		faa	2000
rpdtec	8.12	P		faa	2000
rpdtec	8.15	E		faa	2000
rpdtfm	1.5	P		faa	2000
rpdtfm	1.7	P		faa	2000
rpdtfm	1.10*	P		faa	2000
rpdtfm	1.11	P		faa	2000
rpdtfm	1.12	P		faa	2000
rpdtfm	1.14	P		faa	2000
rpdtfm	1.15	P		faa	2000
rpdtfm	1.16	P		faa	2000
rpdtfm	1.17	P		faa	2000
rpdtfm	1.19	P		faa	2000
rpdtfm	1.22	P		faa	2000
rpdtfm	1.23	P		faa	2000
rpdtfm	1.24	P		faa	2000
rpdtfm	1.25	P		faa	2000
rpdtfm	1.26	P		faa	2000
rpdtfm	1.27	P		faa	2000
rpdtfm	1.28	P		faa	2000
rpdtfm	1.32	P		faa	2000
rpdtfm	1.33b	P		faa	2000
rpdtfm	1.34	P		faa	2000
rpdtfm	1.36	P		faa	2000
rpdtfm	1.37	P		faa	2000
rpdtfm	1.39	P		faa	2000
rpdtfm	1.40*	P		faa	2000
rpdtfm	2.1	Y		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtfm	2.2	Y		faa	2000
rpdtfm	2.3	P		faa	2000
rpdtfm	2.5	P		faa	2000
rpdtfm	2.7	P		faa	2000
rpdtfm	2.8	P		faa	2000
rpdtfm	2.9	P		faa	2000
rpdtfm	2.10*	P		faa	2000
rpdtfm	2.11	P		faa	2000
rpdtfm	2.12	P		faa	2000
rpdtfm	2.13	P		faa	2000
rpdtfm	2.14	P		faa	2000
rpdtfm	2.15	P		faa	2000
rpdtfm	2.16	P		faa	2000
rpdtfm	2.17	P		faa	2000
rpdtfm	4.2	P		faa	2000
rpdtfm	4.4	P		faa	2000
rpdtfm	4.5	P		faa	2000
rpdtfm	4.7	P		faa	2000
rpdtfm	4.9	P		faa	2000
rpdtfm	4.18	P		faa	2000
rpdtfm	4.20*	Y		faa	2000
rpdtfm	4.21	P		faa	2000
rpdtfm	4.22	P		faa	2000
rpdtfm	4.24	P		faa	2000
rpdtfm	4.25	Y		faa	2000
rpdtfm	4.26	P		faa	2000
rpdtfm	4.27	Y		faa	2000
rpdtfm	4.28	Y		faa	2000
rpdtfm	4.29	Y		faa	2000
rpdtfm	4.31	P		faa	2000
rpdtfm	4.32	P		faa	2000
rpdtfm	4.33	P		faa	2000
rpdtfm	4.34	P		faa	2000
rpdtfm	4.35	P		faa	2000
rpdtfm	4.38	P		faa	2000
rpdtfm	4.39	Y		faa	2000
rpdtfm	4.40*	Y		faa	2000
rpdtfm	4.41	P		faa	2000
rpdtfm	4.42	P		faa	2000
rpdtfm	4.43	P		faa	2000
rpdtfm	4.44	P		faa	2000
rpdtfm	4.46	Y		faa	2000
rpdtfm	4.48	Y		faa	2000
rpdtfm	4.49	Y		faa	2000
rpdtfm	4.50*	Y		faa	2000
rpdtfm	4.52	P		faa	2000
rpdtfm	4.53	P		faa	2000
rpdtfm	4.54	P		faa	2000
rpdtfm	4.55	P		faa	2000
rpdtfm	4.56	P		faa	2000
rpdtfm	4.57	Y		faa	2000
rpdtfm	4.58	P		faa	2000
rpdtfm	5.2	P		faa	2000
rpdtfm	5.4	P		faa	2000
rpdtfm	5.9.2	P		faa	2000
rpdtfm	5.10*	Y		faa	2000
rpdtfm	5.11	P		faa	2000
rpdtfm	5.15	P		faa	2000
rpdtfm	5.18	P		faa	2000
rpdtfm	5.22	P		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtfm	5.23	P		faa	2000
rpdtfm	5.30*	P		faa	2000
rpdtfm	5.35	Y		faa	2000
rpdtfm	5.37	P		faa	2000
rpdtfm	5.38	P		faa	2000
rpdtfm	5.42	P		faa	2000
rpdtfm	5.43	P		faa	2000
rpdtfm	5.45	P		faa	2000
rpdtfm	5.46	P		faa	2000
rpdtfm	5.47	P		faa	2000
rpdtfm	5.48	P		faa	2000
rpdtfm	5.49	P		faa	2000
rpdtfm	5.50*	P		faa	2000
rpdtfm	5.51	P		faa	2000
rpdtfm	5.52	P		faa	2000
rpdtfm	5.53	P		faa	2000
rpdtfm	5.55	P		faa	2000
rpdtfm	5.56	P		faa	2000
rpdtfm	5.57	P		faa	2000
rpdtfm	5.58	Y		faa	2000
rpdtfm	5.59	P		faa	2000
rpdtfm	5.60*	P		faa	2000
rpdtfm	5.61	P		faa	2000
rpdtfm	5.62	P		faa	2000
rpdtfm	5.63	P		faa	2000
rpdtfm	5.64	P		faa	2000
rpdtfm	5.66	P		faa	2000
rpdtfm	5.70*	P		faa	2000
rpdtfm	5.71	P		faa	2000
rpdtfm	5.72	P		faa	2000
rpdtfm	5.73	P		faa	2000
rpdtfm	6.14	P		faa	2000
rpdtfm	6.21	P		faa	2000
rpdtfm	6.27	P		faa	2000
rpdtfm	6.28	P		faa	2000
rpdtfm	6.33	P		faa	2000
rpdtfm	6.35	P		faa	2000
rpdtfm	6.36	P		faa	2000
rpdtfm	6.37	P		faa	2000
rpdtfm	6.38	P		faa	2000
rpdtfm	6.39	P		faa	2000
rpdtfm	6.40*	P		faa	2000
rpdtfm	7.1	P		faa	2000
rpdtfm	7.2	Y		faa	2000
rpdtfm	7.5	Y		faa	2000
rpdtfm	7.6	Y		faa	2000
rpdtfm	7.7	Y		faa	2000
rpdtfm	7.8	Y		faa	2000
rpdtfm	7.10*	Y		faa	2000
rpdtfm	7.11	Y		faa	2000
rpdtfm	7.12	Y		faa	2000
rpdtfm	7.13	Y		faa	2000
rpdtfm	7.14	P		faa	2000
rpdtfm	7.16	P		faa	2000
rpdtfm	7.17	Y		faa	2000
rpdtfm	7.18	Y		faa	2000
rpdtfm	7.19	P		faa	2000
rpdtfm	7.24	P		faa	2000
rpdtfm	7.25	P		faa	2000
rpdtfm	7.27	Y		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtfm	7.29	P		faa	2000
rpdtfm	7.30*	P		faa	2000
rpdtfm	7.32	P		faa	2000
rpdtfm	7.33	P		faa	2000
rpdtfm	7.34	Y		faa	2000
rpdtfm	7.35	P		faa	2000
rpdtfm	7.36	Y		faa	2000
rpdtfm	7.37	Y		faa	2000
rpdtfm	7.43	P		faa	2000
rpdtfm	7.44	P		faa	2000
rpdtfm	7.45	P		faa	2000
rpdtfm	7.46	P		faa	2000
rpdtfm	7.47	P		faa	2000
rpdtfm	7.48	P		faa	2000
rpdtfm	7.49	P		faa	2000
rpdtfm	7.50*	P		faa	2000
rpdtfm	7.51	P		faa	2000
rpdtfm	7.52	P		faa	2000
rpdtfm	7.53	P		faa	2000
rpdtfm	7.54	P		faa	2000
rpdtfm	7.57	P		faa	2000
rpdtfm	7.58	P		faa	2000
rpdtfm	7.59	P		faa	2000
rpdtfm	7.60*	P		faa	2000
rpdtfm	7.61	P		faa	2000
rpdtfm	7.62	P		faa	2000
rpdtfm	7.64	P		faa	2000
rpdtfm	7.65	P		faa	2000
rpdtfm	7.66	P		faa	2000
rpdtfm	7.68	P		faa	2000
rpdtfm	7.69	P		faa	2000
rpdtfm	7.70*	P		faa	2000
rpdtfm	7.71	P		faa	2000
rpdtfm	7.72	P		faa	2000
rpdtfm	7.73	P		faa	2000
rpdtos	1.7	P		faa	2000
rpdtos	1.11	P		faa	2000
rpdtos	1.12	P		faa	2000
rpdtos	1.13	P		faa	2000
rpdtos	1.14	P		faa	2000
rpdtos	1.15	P		faa	2000
rpdtos	1.16	P		faa	2000
rpdtos	1.17	P		faa	2000
rpdtos	1.19	P		faa	2000
rpdtos	1.21	P		faa	2000
rpdtos	1.22	P		faa	2000
rpdtos	1.23	P		faa	2000
rpdtos	1.24	P		faa	2000
rpdtos	1.32	P		faa	2000
rpdtos	1.33a	P		faa	2000
rpdtos	1.33b	P		faa	2000
rpdtos	1.34	P		faa	2000
rpdtos	3.3	P		faa	2000
rpdtos	3.5	P		faa	2000
rpdtos	3.6	P		faa	2000
rpdtos	3.7	E		faa	2000
rpdtos	3.8	E		faa	2000
rpdtos	3.9	E		faa	2000
rpdtos	3.11	E		faa	2000
rpdtos	3.12	E		faa	2000

Program Name	Requirement	Rating	Notes		
rpdtos	3.18	P		faa	2000
rpdtos	3.19	P		faa	2000
rpdtos	3.20*	P		faa	2000
rpdtos	3.21	P		faa	2000
rpdtos	3.23	P		faa	2000
rpdtos	3.24	P		faa	2000
rpdtos	3.25	P		faa	2000
rpdtos	3.26	E		faa	2000
rpdtos	3.28	E		faa	2000
rpdtos	3.29	Y		faa	2000
rpdtos	3.30*	E		faa	2000
rpdtos	3.31	E		faa	2000
rpdtos	3.32	Y		faa	2000
rpdtos	3.33	P		faa	2000
rpdtos	3.36	Y		faa	2000
rpdtos	3.37	P		faa	2000
rpdtos	3.38	Y		faa	2000
rpdtos	3.39	Y		faa	2000
rpdtos	3.40*	Y		faa	2000
rpdtos	3.42	Y		faa	2000
rpdtos	3.43	Y		faa	2000
rpdtos	3.44	Y		faa	2000
rpdtos	3.45	P		faa	2000
rpdvos	1.5	P		faa	2000
rpdvos	1.10*	P		faa	2000
rpdvos	1.12	P		faa	2000
rpdvos	1.29	P		faa	2000
rpdvos	4.16	Y		faa	2000
rpdvos	5.5	Y		faa	2000
rpdvos	5.73	P		faa	2000
rpdvos	7.40*	E		faa	2000
rpdvos	7.77	P		faa	2000
mitre 98.1.1	2.3	P	real-time trajectory updates to allow fewer restrictions	mitre	98
mitre 98.1.1	2.7	P	availability of flight data from other aircraft	mitre	98
mitre 98.1.1	2.13	P	availability of flight data from other aircraft	mitre	98
mitre 98.1.1	3.8	P	availability of flight data from other aircraft	mitre	98
mitre 98.1.1	3.10*	P	continuous updates of flight info into NAS system	mitre	98
mitre 98.1.1	3.25	P	availability of flight data from other aircraft	mitre	98
mitre 98.1.1	3.31	P	availability of flight data from other aircraft	mitre	98
mitre 98.1.1	3.32	P	availability of flight data from other aircraft	mitre	98
mitre 98.1.1	4.4	Y	improved procedures to eliminate constraints	mitre	98
mitre 98.1.1	4.11	P	tools allow flight flexibility	mitre	98
mitre 98.1.1	4.12	E	sat-based position data	mitre	98
mitre 98.1.1	4.20*	P	decision support systems maintain situation awareness	mitre	98
mitre 98.1.1	4.28	P	displays have facilitated data distribution	mitre	98
mitre 98.1.1	4.29	P	improved trajectory models allow more accurate conflict resolutions	mitre	98
mitre 98.1.1	4.34	P	automatic dissemination of data to service provider	mitre	98
mitre 98.1.1	4.63	P	augmentation systems have more accuracy for approaches	mitre	98
mitre 98.1.1	4.66	P	automated support for finding adherence to selected flight profiles	mitre	98
mitre 98.1.1	4.68	P	coordinated advanced planning for departure routes	mitre	98
mitre 98.1.2	5.2	P	improved decision support tools for conflict management	mitre	98
mitre 98.1.2	5.5	Y	automated coordination and communication reduce boundary restrictions	mitre	98
mitre 98.1.2	5.8	Y	NAS-wide info system continually updated	mitre	98
mitre 98.1.2	5.12	P	enroute surveillance through radar, beacons, aircraft broadcasts	mitre	98
mitre 98.1.2	5.15	P	more data improves accuracy of trajectory predictions	mitre	98
mitre 98.1.2	5.18	Y	separation standards depend on position accuracy	mitre	98

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mitre 98.1.2	5.30	Y	increased decision support results in improved separation assurance	mitre	98
mitre 98.1.2	5.34	Y	service providers issue instructions for separation	mitre	98
mitre 98.1.2	5.39	P	flight data available for all flights via NAS	mitre	98
mitre 98.1.2	5.59	E	work with upstream separation assurance to relieve traffic density	mitre	98
mitre 98.1.3	2.1	Y	user-preferred trajectories	mitre	98
mitre 98.1.3	2.8	Y	flight profiles replace flight plans	mitre	98
mitre 98.1.3	2.9	Y	flight object is all the data necessary to track a flight	mitre	98
mitre 98.1.3	2.10	P	flight object can be updated during flight	mitre	98
mitre 98.1.3	2.11	Y	flight planner creates flight profile	mitre	98
mitre 98.1.3	2.12	P	flight planner continually looks up new info to see impact	mitre	98
mitre 98.1.3	2.17	P	potential problems are automatically found and displayed	mitre	98
mitre 98.1.3	2.20	E	improved emergency locators	mitre	98
mitre 98.1.3	2.22	E	flight information is always available for emergencies	mitre	98
mitre 98.1.3	5.1	Y	eliminate required routes defined by FAA	mitre	98
mitre 98.1.3	5.2	Y	improved decision support, enabling user-preferred routes	mitre	98
mitre 98.1.3	5.3	E	optimal descent profiles for traffic	mitre	98
mitre 98.1.3	5.6.1	Y	structured routes are exception	mitre	98
mitre 98.1.3	5.6.2	P	demand and capacity conflicts resolved	mitre	98
mitre 98.1.3	5.7	P	radar and sat-derived position data for all aircraft in system	mitre	98
mitre 98.1.3	5.8	E	NAS-wide info system continually updated	mitre	98
mitre 98.1.3	5.10	P	decision support systems provide safer, more efficient solutions	mitre	98
mitre 98.1.3	5.18	Y	aircraft operate on user-preferred routes	mitre	98
mitre 98.1.3	5.20	Y	current route structure replaced by global grid of named locations	mitre	98
mitre 98.1.3	5.37	Y	improved conflict identification allows user to fly proposed trajectory more often	mitre	98
mitre 98.1.3	5.61	E	changed in system ripple through system, ID all flights affected by change	mitre	98
mitre 98.1.3	5.62	E	early and immediate coordination allows minimal flight adjustments	mitre	98
mitre 98.1.3	5.66	P	more info exchange between decision support tools allows traffic with fewer constraints	mitre	98
mitre 98.1.3	6.4	Y	on oceanic routes, procedures and automation will support demand for user-preferred trajectories	mitre	98
mitre 98.1.3	6.9	Y	oceanic route flexibility achieved through seamless coordination of facilities	mitre	98
mitre 98.1.3	6.12	Y	oceanic route preferred flight profiles helped by reduced separation minima and dynamic route structures	mitre	98
mitre 98.1.3	6.28	E	decision support tools will help resolve conflicts for oceanic routes	mitre	98
mitre 98.1.3	6.33	Y	full surveillance, better nav tools, real-time comm, automated data exchange allows oceanic trajectories rather than tracks	mitre	98
mitre 98.1.4	3.3	Y	elimination of surface system constraints helps airport efficiency	mitre	98
mitre 98.1.4	3.5	Y	automated communications enhance airport safety and efficiency	mitre	98
mitre 98.1.4	3.6	Y	better weather equipment enhances airport safety and efficiency	mitre	98
mitre 98.1.4	3.11	E	surface movement decision support systems could be extended to safety	mitre	98
mitre 98.1.4	3.12	Y	departure taxi time updates and estimates help match ground and airborne traffic	mitre	98
mitre 98.1.4	3.21	Y	automation schedules more efficient departure and taxi schedules	mitre	98
mitre 98.1.4	3.23	E	improved communications between levels could make more efficient airport movement and safety	mitre	98
mitre 98.1.4	3.28	Y	increased information increases safety and efficiency	mitre	98
mitre 98.1.4	3.29	E	enhanced situation displays and surface detection equipment could increase safety	mitre	98

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mitre 98.1.4	3.30*	Y	flights and ground positions provided to users for safety	mitre	98
mitre 98.1.4	3.31	P	situation displays for airborne and ground traffic will have safety effect	mitre	98
mitre 98.1.4	3.33	P	taxi planning has updated information	mitre	98
mitre 98.1.4	3.36	Y	decision support systems for taxi sequencing and conflict checking	mitre	98
mitre 98.1.4	3.38	Y	decision support systems for departure sequencing safety	mitre	98
mitre 98.1.4	3.39	P	decision support systmes for arrival time efficiency	mitre	98
mitre 98.1.4	3.40*	Y	improved aircraft intent knowledge helps prevent incursions	mitre	98
mitre 98.1.4	4.2	P	decision support systems increase efficiency of airport asset usage	mitre	98
mitre 98.1.4	4.20*	Y	decision support systems help service providers resolve conflicts and sequence traffic	mitre	98
mitre 98.1.4	4.26	E	situation displays and conflict alerts provide more information	mitre	98
mitre 98.1.4	4.46	E	decision support systems assist traffic flow service providers to manage arrivals and departures	mitre	98
mitre 98.10.1	1.12	P		mitre	98
mitre 98.10.1	1.14	P		mitre	98
mitre 98.10.1	1.21	E		mitre	98
mitre 98.10.1	1.23	P		mitre	98
mitre 98.10.1	1.24	P		mitre	98
mitre 98.10.1	1.29	E		mitre	98
mitre 98.10.1	1.31	E		mitre	98
mitre 98.10.1	1.32	E		mitre	98
mitre 98.10.1	1.33	E		mitre	98
mitre 98.10.1	1.36	Y		mitre	98
mitre 98.10.1	1.37	E		mitre	98
mitre 98.10.1	1.40*	E		mitre	98
mitre 98.10.1	1.41	E		mitre	98
mitre 98.10.1	1.42	E		mitre	98
mitre 98.10.1	2.2	P		mitre	98
mitre 98.10.1	2.4	E		mitre	98
mitre 98.10.1	2.7	P		mitre	98
mitre 98.10.1	2.11	E		mitre	98
mitre 98.10.1	2.13	E		mitre	98
mitre 98.10.1	2.21	E		mitre	98
mitre 98.10.1	2.22	E		mitre	98
mitre 98.10.1	3.7	E		mitre	98
mitre 98.10.1	3.8	E		mitre	98
mitre 98.10.1	3.11	E		mitre	98
mitre 98.10.1	3.15	E		mitre	98
mitre 98.10.1	3.26	E		mitre	98
mitre 98.10.1	3.27	E		mitre	98
mitre 98.10.1	3.37	E		mitre	98
mitre 98.10.1	4.8	E		mitre	98
mitre 98.10.1	4.53	E		mitre	98
mitre 98.10.1	4.54	E		mitre	98
mitre 98.10.1	5.8	E		mitre	98
mitre 98.10.1	5.23	E		mitre	98
mitre 98.10.1	5.38	E		mitre	98
mitre 98.10.1	5.39	E		mitre	98
mitre 98.10.1	5.41	E		mitre	98
mitre 98.10.1	5.48	E		mitre	98
mitre 98.10.1	5.55	P		mitre	98
mitre 98.10.1	5.61	E		mitre	98
mitre 98.10.1	5.66	E		mitre	98
mitre 98.10.1	6.10*	E		mitre	98
mitre 98.10.1	6.31	E		mitre	98
mitre 98.10.1	6.39	E		mitre	98

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mitre 98.10.1	7.1	E		mitre	98
mitre 98.10.1	7.10*	P		mitre	98
mitre 98.10.1	7.16	P		mitre	98
mitre 98.10.1	7.17	E		mitre	98
mitre 98.10.1	7.18	E		mitre	98
mitre 98.10.1	7.19	E		mitre	98
mitre 98.10.1	7.23	E		mitre	98
mitre 98.10.1	7.27	E		mitre	98
mitre 98.10.1	7.28	Y		mitre	98
mitre 98.10.1	7.41	P		mitre	98
mitre 98.10.1	7.44	E		mitre	98
mitre 98.10.1	7.53	E		mitre	98
mitre 98.10.1	7.64	P		mitre	98
mitre 98.10.1	7.74	Y		mitre	98
mitre 98.10.1	7.76	Y		mitre	98
mitre 98.10.1	7.77	P		mitre	98
mitre 98.10.1	7.78	P		mitre	98
mitre 98.10.1	8.4	P		mitre	98
mitre 98.10.1	8.8	E		mitre	98
mitre 98.10.1	8.9	E		mitre	98
mitre 98.11.1	1.5	P		mitre	98
mitre 98.11.1	1.7	P		mitre	98
mitre 98.11.1	1.10*	P		mitre	98
mitre 98.11.1	1.11	E		mitre	98
mitre 98.11.1	1.12	E		mitre	98
mitre 98.11.1	1.14	E		mitre	98
mitre 98.11.1	1.16	P		mitre	98
mitre 98.11.1	1.17	E		mitre	98
mitre 98.11.1	1.19	P		mitre	98
mitre 98.11.1	1.25	E		mitre	98
mitre 98.11.1	1.28	E		mitre	98
mitre 98.11.1	1.29	P		mitre	98
mitre 98.11.1	1.30*	P		mitre	98
mitre 98.11.1	1.31	P		mitre	98
mitre 98.11.1	1.41	E		mitre	98
mitre 98.11.1	3.12	E		mitre	98
mitre 98.11.1	4.3	E		mitre	98
mitre 98.11.1	4.18	E		mitre	98
mitre 98.11.1	4.57	E		mitre	98
mitre 98.11.1	5.1	E		mitre	98
mitre 98.11.1	5.4	P		mitre	98
mitre 98.11.1	5.5	E		mitre	98
mitre 98.11.1	5.6.2	E		mitre	98
mitre 98.11.1	5.20*	E		mitre	98
mitre 98.11.1	5.71	E		mitre	98
mitre 98.11.1	5.72	E		mitre	98
mitre 98.11.1	6.2	E		mitre	98
mitre 98.11.1	6.9	E		mitre	98
mitre 98.11.1	6.10*	P		mitre	98
mitre 98.11.1	6.12	P		mitre	98
mitre 98.11.1	6.20*	E		mitre	98
mitre 98.11.1	6.34	E		mitre	98
mitre 98.11.1	6.37	E		mitre	98
mitre 98.11.1	6.38	E		mitre	98
mitre 98.11.1	6.40*	P		mitre	98
mitre 98.11.1	7.1	Y		mitre	98
mitre 98.11.1	7.2	P		mitre	98
mitre 98.11.1	7.11	Y		mitre	98
mitre 98.11.1	7.14	Y		mitre	98
mitre 98.11.1	7.16	P		mitre	98

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mitre 98.11.1	7.22	P		mitre	98
mitre 98.11.1	7.24	P		mitre	98
mitre 98.11.1	7.26	E		mitre	98
mitre 98.11.1	7.35	E		mitre	98
mitre 98.11.1	7.47	P		mitre	98
mitre 98.11.1	7.66	E		mitre	98
mitre 98.11.1	8.10*	E		mitre	98
mitre 98.11.1	8.12	E		mitre	98
mitre 98.11.1	8.15	E		mitre	98
mitre 98.12.1	1.14	E		mitre	98
mitre 98.12.1	1.19	P		mitre	98
mitre 98.12.1	1.21	P		mitre	98
mitre 98.12.1	1.25	E		mitre	98
mitre 98.12.1	1.31	E		mitre	98
mitre 98.12.1	1.40*	E		mitre	98
mitre 98.12.1	1.42	E		mitre	98
mitre 98.12.1	2.5	E		mitre	98
mitre 98.12.1	6.10*	E		mitre	98
mitre 98.12.1	6.16	E		mitre	98
mitre 98.12.1	7.1	E		mitre	98
mitre 98.12.1	7.6	E		mitre	98
mitre 98.12.1	7.16	E		mitre	98
mitre 98.12.1	7.18	E		mitre	98
mitre 98.12.1	7.19	P		mitre	98
mitre 98.12.1	7.21	E		mitre	98
mitre 98.12.1	7.23	E		mitre	98
mitre 98.12.1	7.41	E		mitre	98
mitre 98.12.1	7.64	E		mitre	98
mitre 98.12.1	7.74	E		mitre	98
mitre 98.12.1	7.77	E		mitre	98
mitre 98.12.1	8.11	E		mitre	98
mitre 98.12.2	1.5	E		mitre	98
mitre 98.12.2	1.10*	P		mitre	98
mitre 98.12.2	1.14	E		mitre	98
mitre 98.12.2	1.19	E		mitre	98
mitre 98.12.2	1.21	E		mitre	98
mitre 98.12.2	1.41	Y		mitre	98
mitre 98.12.2	6.16	P		mitre	98
mitre 98.12.2	7.16	Y		mitre	98
mitre 98.12.2	7.19	E		mitre	98
mitre 98.12.2	7.21	E		mitre	98
mitre 98.12.2	7.23	E		mitre	98
mitre 98.12.3	1.5	P		mitre	98
mitre 98.12.4	1.4	E		mitre	98
mitre 98.12.4	4.54	E		mitre	98
mitre 98.12.5	1.5	P		mitre	98
mitre 98.12.5	1.19	P		mitre	98
mitre 98.12.5	3.3	E		mitre	98
mitre 98.12.5	3.6	E		mitre	98
mitre 98.12.5	3.21	E		mitre	98
mitre 98.12.5	3.25	E		mitre	98
mitre 98.12.5	4.12	E		mitre	98
mitre 98.12.5	4.18	E		mitre	98
mitre 98.12.5	4.43	P		mitre	98
mitre 98.12.5	4.52	E		mitre	98
mitre 98.12.5	4.56	E		mitre	98
mitre 98.12.5	4.63	E		mitre	98
mitre 98.12.5	5.6.2	P		mitre	98
mitre 98.12.5	5.7	P		mitre	98
mitre 98.12.5	5.8	P		mitre	98

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mitre 98.12.5	5.12	P		mitre	98
mitre 98.12.5	5.13	P		mitre	98
mitre 98.12.5	5.14	E		mitre	98
mitre 98.12.5	5.18	E		mitre	98
mitre 98.12.5	5.22	E		mitre	98
mitre 98.12.5	5.41	E		mitre	98
mitre 98.12.5	5.52	E		mitre	98
mitre 98.12.5	6.2	P		mitre	98
mitre 98.12.5	6.6	E		mitre	98
mitre 98.12.5	6.7	P		mitre	98
mitre 98.12.5	7.6	E		mitre	98
mitre 98.12.5	7.43	E		mitre	98
mitre 98.12.5	7.53	E		mitre	98
mitre 98.12.5	7.54	E		mitre	98
mitre 98.12.5	7.57	E		mitre	98
mitre 98.12.5	7.59	E		mitre	98
mitre 98.12.5	7.62	E		mitre	98
mitre 98.12.5	7.65	E		mitre	98
mitre 98.12.5	7.66	P		mitre	98
mitre 98.12.5	7.77	P		mitre	98
mitre 98.14.1	1.2	E		mitre	98
mitre 98.14.1	1.5	E		mitre	98
mitre 98.14.1	1.16	E		mitre	98
mitre 98.14.1	1.19	E		mitre	98
mitre 98.14.1	1.40*	P		mitre	98
mitre 98.14.1	1.42	P		mitre	98
mitre 98.14.1	3.3	E		mitre	98
mitre 98.14.1	3.5	E		mitre	98
mitre 98.14.1	3.6	E		mitre	98
mitre 98.14.1	3.37	E		mitre	98
mitre 98.14.1	3.44	E		mitre	98
mitre 98.14.1	4.18	E		mitre	98
mitre 98.14.1	4.49	E		mitre	98
mitre 98.14.1	4.54	E		mitre	98
mitre 98.14.1	5.71	E		mitre	98
mitre 98.14.1	7.8	E		mitre	98
mitre 98.14.1	7.12	E		mitre	98
mitre 98.14.1	7.16	E		mitre	98
mitre 98.14.1	7.18	E		mitre	98
mitre 98.14.1	7.24	E		mitre	98
mitre 98.14.1	7.25	E		mitre	98
mitre 98.14.1	7.26	E		mitre	98
mitre 98.14.1	7.28	E		mitre	98
mitre 98.14.1	7.35	E		mitre	98
mitre 98.14.1	7.37	E		mitre	98
mitre 98.14.1	7.41	Y		mitre	98
mitre 98.14.1	7.43	P		mitre	98
mitre 98.14.1	7.44	E		mitre	98
mitre 98.14.1	7.61	E		mitre	98
mitre 98.14.1	7.64	E		mitre	98
mitre 98.14.1	7.70*	E		mitre	98
mitre 98.14.1	7.71	E		mitre	98
mitre 98.14.1	7.74	E		mitre	98
mitre 98.15.1	1.11	P		mitre	98
mitre 98.15.1	1.13	P		mitre	98
mitre 98.15.1	1.14	Y		mitre	98
mitre 98.15.1	1.16	E		mitre	98
mitre 98.15.1	1.21	Y		mitre	98
mitre 98.15.1	1.22	Y		mitre	98
mitre 98.15.1	4.2	P		mitre	98

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mitre 98.15.1	4.2	P		mitre	98
mitre 98.15.1	4.4	P		mitre	98
mitre 98.15.1	4.5	P		mitre	98
mitre 98.15.1	4.5	P		mitre	98
mitre 98.15.1	4.6	P		mitre	98
mitre 98.15.1	4.6	P		mitre	98
mitre 98.15.1	4.7	P		mitre	98
mitre 98.15.1	4.8	P		mitre	98
mitre 98.15.1	4.9	P		mitre	98
mitre 98.15.1	4.11	P		mitre	98
mitre 98.15.1	4.12	P		mitre	98
mitre 98.15.1	4.14	P		mitre	98
mitre 98.15.1	4.15	P		mitre	98
mitre 98.15.1	4.16	P		mitre	98
mitre 98.15.1	4.18	P		mitre	98
mitre 98.15.1	4.21	P		mitre	98
mitre 98.15.1	4.22	P		mitre	98
mitre 98.15.1	4.23	P		mitre	98
mitre 98.15.1	4.24	P		mitre	98
mitre 98.15.1	4.25	P		mitre	98
mitre 98.15.1	4.26	P		mitre	98
mitre 98.15.1	4.27	P		mitre	98
mitre 98.15.1	4.28	P		mitre	98
mitre 98.15.1	4.29	P		mitre	98
mitre 98.15.1	4.31	P		mitre	98
mitre 98.15.1	4.32	P		mitre	98
mitre 98.15.1	4.33	P		mitre	98
mitre 98.15.1	4.34	P		mitre	98
mitre 98.15.1	4.35	P		mitre	98
mitre 98.15.1	4.36	P		mitre	98
mitre 98.15.1	4.38	P		mitre	98
mitre 98.15.1	4.39	P		mitre	98
mitre 98.15.1	4.41	P		mitre	98
mitre 98.15.1	4.42	P		mitre	98
mitre 98.15.1	4.43	P		mitre	98
mitre 98.15.1	4.44	P		mitre	98
mitre 98.15.1	4.45	P		mitre	98
mitre 98.15.1	4.46	P		mitre	98
mitre 98.15.1	4.48	P		mitre	98
mitre 98.15.1	4.49	P		mitre	98
mitre 98.15.1	4.51	P		mitre	98
mitre 98.15.1	4.52	P		mitre	98
mitre 98.15.1	4.53	P		mitre	98
mitre 98.15.1	4.54	P		mitre	98
mitre 98.15.1	4.55	P		mitre	98
mitre 98.15.1	4.56	P		mitre	98
mitre 98.15.1	4.57	P		mitre	98
mitre 98.15.1	4.58	P		mitre	98
mitre 98.15.1	4.61	P		mitre	98
mitre 98.15.1	4.62	P		mitre	98
mitre 98.15.1	4.63	P		mitre	98
mitre 98.15.1	4.64	P		mitre	98
mitre 98.15.1	4.66	P		mitre	98
mitre 98.15.1	4.68	P		mitre	98
mitre 98.15.1	7.1	E		mitre	98
mitre 98.15.1	7.2	E		mitre	98
mitre 98.15.1	7.3	E		mitre	98
mitre 98.15.1	7.4	E		mitre	98
mitre 98.15.1	7.5	E		mitre	98
mitre 98.15.1	7.6	E		mitre	98

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mitre 98.15.1	7.6	P		mitre	98
mitre 98.15.1	7.7	E		mitre	98
mitre 98.15.1	7.7	E		mitre	98
mitre 98.15.1	7.8	E		mitre	98
mitre 98.15.1	7.11	E		mitre	98
mitre 98.15.1	7.12	E		mitre	98
mitre 98.15.1	7.13	E		mitre	98
mitre 98.15.1	7.16	E		mitre	98
mitre 98.15.1	7.17	E		mitre	98
mitre 98.15.1	7.18	E		mitre	98
mitre 98.15.1	7.19	E		mitre	98
mitre 98.15.1	7.24	E		mitre	98
mitre 98.15.1	7.25	E		mitre	98
mitre 98.15.1	7.26	E		mitre	98
mitre 98.15.1	7.27	E		mitre	98
mitre 98.15.1	7.29	E		mitre	98
mitre 98.15.1	7.32	E		mitre	98
mitre 98.15.1	7.33	E		mitre	98
mitre 98.15.1	7.34	E		mitre	98
mitre 98.15.1	7.35	E		mitre	98
mitre 98.15.1	7.36	P		mitre	98
mitre 98.15.1	7.37	P		mitre	98
mitre 98.15.1	7.38	E		mitre	98
mitre 98.15.1	7.39	E		mitre	98
mitre 98.15.1	7.41	E		mitre	98
mitre 98.15.1	7.42	E		mitre	98
mitre 98.15.1	7.43	E		mitre	98
mitre 98.15.1	7.46	E		mitre	98
mitre 98.15.1	7.47	E		mitre	98
mitre 98.15.1	7.49	E		mitre	98
mitre 98.15.1	7.51	E		mitre	98
mitre 98.15.1	7.52	E		mitre	98
mitre 98.15.1	7.59	P		mitre	98
mitre 98.15.1	7.61	E		mitre	98
mitre 98.15.1	7.62	E		mitre	98
mitre 98.15.1	7.64	E		mitre	98
mitre 98.15.1	7.66	E		mitre	98
mitre 98.15.1	7.68	E		mitre	98
mitre 98.15.1	7.69	E		mitre	98
mitre 98.15.1	7.71	E		mitre	98
mitre 98.15.1	7.73	E		mitre	98
mitre 98.15.1	7.74	P		mitre	98
mitre 98.15.1	7.76	P		mitre	98
mitre 98.15.1	7.77	P		mitre	98
mitre 98.15.1	8.1	P		mitre	98
mitre 98.15.1	8.3	E		mitre	98
mitre 98.15.1	8.4	E		mitre	98
mitre 98.15.1	8.8	E		mitre	98
mitre 98.15.1	8.12	E		mitre	98
mitre 98.15.1	8.14	E		mitre	98
mitre 98.15.1	8.15	E		mitre	98
mitre 98.15.1	8.17	E		mitre	98
mitre 98.2.1.1	1.26	Y	tools and procedures set up for frequent evaluation of current and anticipated flows	mitre	98
mitre 98.2.1.1	3.12	P	departure taxi info set up to anticipate traffic flow conditions	mitre	98
mitre 98.2.1.1	3.21	P	automation creates taxi / departure schedules for improved departure flow	mitre	98
mitre 98.2.1.1	3.43	Y	surface flow automation set up with situation-based initial parameters	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.2.1.1	4.46	Y	more decision support for arrival / departure flow management	mitre	98
mitre 98.2.1.1	4.49	P	decision support for traffic flow monitoring	mitre	98
mitre 98.2.1.1	4.53	P	NAS-wide info system allows distant weather info for traffic flow management	mitre	98
mitre 98.2.1.1	5.4	Y	traffic flows accomodated by adjustments to sector boundaries	mitre	98
mitre 98.2.1.1	5.48	Y	traffic flow service provider has access to NAS-wide info	mitre	98
mitre 98.2.1.1	5.49	Y	traffic flow service provider has predicted demand profile for day	mitre	98
mitre 98.2.1.1	5.57	Y	tools used for separation assurance available for traffic flow management	mitre	98
mitre 98.2.1.1	5.63	Y	traffic flow service providers assist in replanning trajectories	mitre	98
mitre 98.2.1.1	5.66	Y	increased data exchange between enroute, arrival, departure, surface decision support assists traffic flow managment	mitre	98
mitre 98.2.1.1	5.71	Y	airspace frequently evaluated and adjusted to anticipated traffic flow	mitre	98
mitre 98.2.1.1	6.25	P	in oceanic area, pilots coordinate with providers for manuevers and providers use pilot local traffic info as supplemental traffic flow info	mitre	98
mitre 98.2.1.1	6.35	Y	in oceanic area, electronic transfer of traffic flow changes between national and international service providers	mitre	98
mitre 98.2.1.1	6.38	Y	in oceanic area, traffic flow changes coordinated between national and international service providers	mitre	98
mitre 98.2.1.1	7.13	Y	automation and decision support help in coordination of traffic flow between local and national managers	mitre	98
mitre 98.2.1.1	7.36	Y	decision support helps service providers visualize traffic flows	mitre	98
mitre 98.2.1.1	7.38	Y	traffic flow managers collaborate with service providers	mitre	98
mitre 98.2.1.1	7.43	E	ATCSCC service providers become central point-of-contact for NAS-wide system understanding	mitre	98
mitre 98.2.1.1	7.45	Y	ATCSCC uses broader information for support of global traffic flow	mitre	98
mitre 98.2.1.1	7.46	Y	local service providers, with NAS-wide information, can resolve issues more efficiently	mitre	98
mitre 98.2.1.1	7.47	Y	local service providers, coordinating with national, and collaborating with users explore alternatives to managing problems	mitre	98
mitre 98.2.1.1	7.48	Y	ATCSCC stays informed of local traffic flow	mitre	98
mitre 98.2.1.1	7.49	Y	ATCSCC collaboratively initiates and coordinates broad scope traffic flow restrictions	mitre	98
mitre 98.2.1.1	7.54	Y	ATCSCC service providers monitor weather info for traffic flow prediction	mitre	98
mitre 98.2.1.1	7.57	Y	ATCSCC monitors traffic flows on broad scale	mitre	98
mitre 98.2.1.1	7.62	Y	decision support assists local and national traffic flow management	mitre	98
mitre 98.2.1.1	7.70*	Y	ATCSCC service providers use automation to resolve recurrent traffic flow problems	mitre	98
mitre 98.2.1.3.1	4.5	E	automatic ground-flight info exchange helps coordination of arrival trajectories	mitre	98
mitre 98.2.1.3.1	4.20*	P	decision support systems help sequence arrival traffic	mitre	98
mitre 98.2.1.3.1	4.38	P	planning services involve sequencing of arrivals	mitre	98
mitre 98.2.1.3.1	4.40*	E	tools improve arrival flows	mitre	98
mitre 98.2.1.3.1	4.42	E	user runway preference accounted for optimal assignment	mitre	98
mitre 98.2.1.3.1	4.44	E	tools advise flights maneuvering into arrival sequence	mitre	98
mitre 98.2.1.3.1	4.55	E	arrival queues planned for least disruption	mitre	98
mitre 98.2.2	1.26	Y	tools and procedures set up for frequent evaluation of current and anticipated flows	mitre	98
mitre 98.2.2	3.12	P	departure taxi info set up to anticipate traffic flow conditions	mitre	98
mitre 98.2.2	3.21	P	automation creates taxi / departure schedules for improved departure flow	mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.2.2	3.43	Y	surface flow automation set up with situation-based initial parameters	mitre	98
mitre 98.2.2	4.46	Y	more decision support for arrival / departure flow management	mitre	98
mitre 98.2.2	4.49	P	decision support for traffic flow monitoring	mitre	98
mitre 98.2.2	4.53	P	NAS-wide info system allows distant weather info for traffic flow management	mitre	98
mitre 98.2.2	5.4	Y	traffic flows accomodated by adjustments to sector boundaries	mitre	98
mitre 98.2.2	5.48	Y	traffic flow service provider has access to NAS-wide info	mitre	98
mitre 98.2.2	5.49	Y	traffic flow service provider has predicted demand profile for day	mitre	98
mitre 98.2.2	5.57	Y	tools used for separation assurance available for traffic flow management	mitre	98
mitre 98.2.2	5.63	Y	traffic flow service providers assist in replanning trajectories	mitre	98
mitre 98.2.2	5.66	Y	increased data exchange between enroute, arrival, departure, surface decision support assists traffic flow managment	mitre	98
mitre 98.2.2	5.71	Y	airspace frequently evaluated and adjusted to anticipated traffic flow	mitre	98
mitre 98.2.2	6.25	P	in oceanic area, pilots coordinate with providers for manuevers and providers use pilot local traffic info as supplemental traffic flow info	mitre	98
mitre 98.2.2	6.35	Y	in oceanic area, electronic transfer of traffic flow changes between national and international service providers	mitre	98
mitre 98.2.2	6.38	Y	in oceanic area, traffic flow changes coordinated between national and international service providers	mitre	98
mitre 98.2.2	7.13	Y	automation and decision support help in coordination of traffic flow between local and national managers	mitre	98
mitre 98.2.2	7.36	Y	decision support helps service providers visualize traffic flows	mitre	98
mitre 98.2.2	7.38	Y	traffic flow managers collaborate with service providers	mitre	98
mitre 98.2.2	7.43	E	ATCSCC service providers become central point-of-contact for NAS-wide system understanding	mitre	98
mitre 98.2.2	7.45	Y	ATCSCC uses broader information for support of global traffic flow	mitre	98
mitre 98.2.2	7.46	Y	local service providers, with NAS-wide information, can resolve issues more efficiently	mitre	98
mitre 98.2.2	7.47	Y	local service providers, coordinating with national, and collaborating with users explore alternatives to managing problems	mitre	98
mitre 98.2.2	7.48	Y	ATCSCC stays informed of local traffic flow	mitre	98
mitre 98.2.2	7.49	Y	ATCSCC collaboratively initiates and coordinates broad scope traffic flow restrictions	mitre	98
mitre 98.2.2	7.54	Y	ATCSCC service providers monitor weather info for traffic flow prediction	mitre	98
mitre 98.2.2	7.57	Y	ATCSCC monitors traffic flows on broad scale	mitre	98
mitre 98.2.2	7.62	Y	decision support assists local and national traffic flow management	mitre	98
mitre 98.2.2	7.70*	Y	ATCSCC service providers use automation to resolve recurrent traffic flow problems	mitre	98
mitre 98.2.3.1	1.5	Y	develop air traffic environment incorporating ICAO's CNS/ATM concept	mitre	98
mitre 98.2.3.1	1.16	E	controller workload stays equivalent to 1990s through … improved air/ground comm	mitre	98
mitre 98.2.3.1	1.23	Y	NAS-wide information system distributes information across NAS	mitre	98
mitre 98.2.3.1	1.28	Y	automation systems with seamless inter and intra facililty communication	mitre	98
mitre 98.2.3.1	2.2	E	elements of the NAS-wide info system used to distribute flight-specific data	mitre	98
mitre 98.2.3.1	3.5	Y	communications automated through datalink availability	mitre	98
mitre 98.2.3.1	3.7	P	surface movement decision support systems provide real-time data to NAS-wide info system	mitre	98

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mitre 98.2.3.1	3.18	Y	datalink allows ATIS messages to be transmitted digitally	mitre	98
mitre 98.2.3.1	3.20*	Y	departure clearances issued via datalink	mitre	98
mitre 98.2.3.1	4.11	P	datalink to reduce voice communications	mitre	98
mitre 98.2.3.1	4.14	Y	pre-defined data link messages	mitre	98
mitre 98.2.3.1	4.16	Y	enhanced ground-to-ground digital and voice comm	mitre	98
mitre 98.2.3.1	5.14	Y	more aircraft are equipped with digital comm	mitre	98
mitre 98.2.3.1	5.24	Y	complementary digital comm enable datalinking of routine messages	mitre	98
mitre 98.2.3.1	5.26	E	weather data through automation and request-reply	mitre	98
mitre 98.2.3.1	6.6	Y	datalink allows more frequent traffic position updates; datalink and expanded radio coverage allow air-to-ground comm	mitre	98
mitre 98.2.3.1	6.14	P	oceanic system will use sat-based comm and electronic message routing	mitre	98
mitre 98.2.3.1	6.33	Y	real-time communications and automated data exchange via datalink	mitre	98
mitre 98.2.3.2	1.26	Y	tools for frequent evaluation of airspace structure and traffic flows	mitre	98
mitre 98.2.3.2	1.39	Y	weather tools are integrated into decision support	mitre	98
mitre 98.2.3.2	2.1	E	flight planning is collaborative interaction with user	mitre	98
mitre 98.2.3.2	4.39	P	departure flows improved by tools … that assess in real time traffic activity	mitre	98
mitre 98.2.3.2	5.2	Y	improved decision support tools for conflict detection and resolution	mitre	98
mitre 98.2.3.2	5.4	Y	tools for frequent evaluation of airspace structure	mitre	98
mitre 98.2.3.2	5.10*	Y	decision support systems such as conflict probe help create traffic solutions	mitre	98
mitre 98.2.3.2	5.28	Y	weather data distributed to decision support systems for processing and presentation	mitre	98
mitre 98.2.3.2	5.35	Y	decision support assist in conflict detection and conflict resolution	mitre	98
mitre 98.2.3.2	6.27	Y	pilot's routes supplemented by conflict probe decision support	mitre	98
mitre 98.2.3.2	7.33	E	collaboration augmented by decision support that enables shared view of traffic an weather	mitre	98
mitre 98.2.3.3	1.16	E	controller workload constant, using decision support, improved air/ground comm and coordination, and enhanced ground/ground coordination	mitre	98
mitre 98.2.3.3	1.28	P	automation for seamless inter and intra facility coordination	mitre	98
mitre 98.2.3.3	1.37	P	users and providers collaborate, using decision support that provides status of NAS infrastructure	mitre	98
mitre 98.2.3.3	3.5	Y	coordination aided by decision support	mitre	98
mitre 98.2.3.3	5.5	P	automated coordination within and between facilities	mitre	98
mitre 98.2.3.3	5.25	P	automated coordination reduces time spent on routine tasks	mitre	98
mitre 98.2.3.3	5.46	E	decision support help service providers and users collaborate with SUA restrictions	mitre	98
mitre 98.2.3.3	6.9	P	seamless coordination within and between facilities allows oceanic route flexibility	mitre	98
mitre 98.2.3.3	7.13	Y	decision support helps coordination among local and national traffic managers	mitre	98
mitre 98.2.3.3	7.33	Y	increased collaboration (local, ATCSCC, NAS users) augmented by decision support that enables shared traffic/weather view	mitre	98
mitre 98.3.1	1.17	P	conflict detection and resolution tools	mitre	98
mitre 98.3.1	5.2	P	improved decision support for conflict detection/resolution	mitre	98
mitre 98.3.1	5.10*	P	conflict probe helps create traffic solutions	mitre	98
mitre 98.3.1	5.30*	E	increased decision support allows improved en route separation assurance	mitre	98
mitre 98.3.1	5.35	P	decision support assist in conflict detection/resolution	mitre	98
mitre 98.3.1	5.66	P	information exchange between en route, arrival, departure decision support tools enables more coordinated traffic flows with fewer constraints	mitre	98

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mitre 98.3.1	6.4	P	automation helps solve potential conflicts	mitre	98
mitre 98.3.1	6.27	Y	pilot ability to support climb, descent, routes supplemented by conflict probe decision support	mitre	98
mitre 98.3.1	6.28	Y	decision support for oceanic enroute service providers	mitre	98
mitre 98.3.2	1.17	P	conflict detection and resolution tools	mitre	98
mitre 98.3.2	5.2	P	improved decision support for conflict detection/resolution	mitre	98
mitre 98.3.2	5.10*	P	conflict probe helps create traffic solutions	mitre	98
mitre 98.3.2	5.30*	E	increased decision support allows improved en route separation assurance	mitre	98
mitre 98.3.2	5.35	P	decision support assist in conflict detection/resolution	mitre	98
mitre 98.3.2	5.66	P	information exchange between en route, arrival, departure decision support tools enables more coordinated traffic flows with fewer constraints	mitre	98
mitre 98.3.2	6.4	P	automation helps solve potential conflicts	mitre	98
mitre 98.3.2	6.27	Y	pilot ability to support climb, descent, routes supplemented by conflict probe decision support	mitre	98
mitre 98.3.2	6.28	Y	decision support for oceanic enroute service providers	mitre	98
mitre 98.3.3	1.17	Y	conflict detection and resolution tools	mitre	98
mitre 98.3.3	5.2	Y	improved decision support for conflict detection/resolution	mitre	98
mitre 98.3.3	5.10*	Y	conflict probe helps create traffic solutions	mitre	98
mitre 98.3.3	5.30*	E	increased decision support allows improved en route separation assurance	mitre	98
mitre 98.3.3	5.35	Y	decision support assist in conflict detection/resolution	mitre	98
mitre 98.3.3	5.66	P	information exchange between en route, arrival, departure decision support tools enables more coordinated traffic flows with fewer constraints	mitre	98
mitre 98.3.3	6.4	Y	automation helps solve potential conflicts	mitre	98
mitre 98.3.3	6.27	Y	pilot ability to support climb, descent, routes supplemented by conflict probe decision support	mitre	98
mitre 98.3.3	6.28	Y	decision support for oceanic enroute service providers	mitre	98
mitre 98.3.4	2.8	P	flight plan replaced by flight profile	mitre	98
mitre 98.3.4	5.1	Y	en route airspace unconstrained by communications and computer systems; no need for aircraft to fly between FAA navaid paths	mitre	98
mitre 98.3.4	5.2	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.4	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.5	Y	communications for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.7	Y	surveillance for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.8	E	NAS wide info system must be created	mitre	98
mitre 98.3.4	5.9.2	Y	displays for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.10*	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.11	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.12	Y	surveillance for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.13	Y	surveillance for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.14	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.15	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.20*	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.24	Y	communications for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.25	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.26	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.27	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.28	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.30*	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.35	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.38	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.39	P	NAS wide info system must be created	mitre	98
mitre 98.3.4	5.45	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.46	Y	decision support for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.48	Y	NAS wide info system must be created	mitre	98
mitre 98.3.4	5.50*	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.55	Y	NAS wide info system must be created	mitre	98
mitre 98.3.4	5.57	Y	operational concept ATM vision for en route/cruise	mitre	98

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mitre 98.3.4	5.58	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.61	Y	NAS wide info system must be created	mitre	98
mitre 98.3.4	5.64	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.66	Y	operational concept ATM vision for en route/cruise	mitre	98
mitre 98.3.4	5.73	Y	communications for ATM vision for en route/cruise	mitre	98
mitre 98.3.4	6.28	P	oceanic routes benefit from decision support tools from en route providers	mitre	98
mitre 98.3.4	7.10*	Y	automated info exchange supports seamless global ATM	mitre	98
mitre 98.3.4	7.49	Y	ATCSCC, service providers, and en route facilities coordinate traffic flow restrictions	mitre	98
mitre 98.3.5	2.8	P	flight plan replaced by flight profile	mitre	98
mitre 98.3.5	5.1	Y	en route airspace unconstrained by communications and computer systems; no need for aircraft to fly between FAA navaid paths	mitre	98
mitre 98.3.5	5.2	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.3	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.4	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.5	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.6.1	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.6.2	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.7	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.8	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.9.1	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.9.2	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.10*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.11	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.12	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.13	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.14	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.15	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.18	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.20*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.22	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.23	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.24	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.25	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.26	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.27	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.28	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.30*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.31	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.32	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.33	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.34	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.35	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.37	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.38	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.39	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.40*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.41	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.42	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.43	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.45	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.46	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.47	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.48	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.49	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.50*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.51	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.52	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.53	Y	ATM vision for en route/cruise	mitre	98

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mitre 98.3.5	5.55	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.56	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.57	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.58	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.59	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.60*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.61	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.62	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.63	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.64	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.66	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.70*	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.71	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.72	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	5.73	Y	ATM vision for en route/cruise	mitre	98
mitre 98.3.5	6.12	P	reduced separation minima/dynamic route structures allow user preferred flight profile	mitre	98
mitre 98.3.5	6.28	P	oceanic routes benefit from decision support tools from en route providers	mitre	98
mitre 98.3.5	7.1	Y	environment of user flexibility, collaborative partnership, and information sharing	mitre	98
mitre 98.3.5	7.10*	Y	automated info exchange supports seamless global ATM	mitre	98
mitre 98.3.5	7.29	Y	collaboration provides ened-to-end flight planning predictability	mitre	98
mitre 98.3.5	7.49	Y	ATCSCC, service providers, and en route facilities coordinate traffic flow restrictions	mitre	98
mitre 98.4.1	6.2	Y	navigation, comm, and surveillance improvements enable enahanced oceanic capacity	mitre	98
mitre 98.4.1	6.6	Y	datalink and expanded radio coverage provide air-ground comm	mitre	98
mitre 98.4.1	6.14	Y	sat-based comm and electronic message routing allows dynamic oceanic interaction	mitre	98
mitre 98.4.1	6.33	Y	full surveillance, real-time comm, automated data exchange via datallink for oceanic airspace	mitre	98
mitre 98.4.2	1.19	Y	phased technology implementation	mitre	98
mitre 98.4.2	6.2	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.4	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.6	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.7	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.8	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.10*	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.13	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.14	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.15	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.21	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.23	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.24	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.27	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.28	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.31	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.33	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.35	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.2	6.36	Y	applications of technology for oceanic flight	mitre	98
mitre 98.4.3	1.2	P	migration of NAS from ground structure to ground/airborne	mitre	98
mitre 98.4.3	1.5	P	develop air traffic environment of a global airspace system	mitre	98
mitre 98.4.3	6.2	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.3	Y	improved infrastructure necessary	mitre	98
mitre 98.4.3	6.4	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.5	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.6	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.7	E	ConOps for oceanic operations	mitre	98

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mitre 98.4.3	6.8	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.9	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.10*	Y	NAS Oceanic airspace standardized to other NAS-ICAO oceanic systems	mitre	98
mitre 98.4.3	6.12	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.13	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.14	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.15	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.16	Y	NAS oceanic coordinates with oceanic neighbors on common rules and procedures	mitre	98
mitre 98.4.3	6.17	Y	flight planning into non-US airspace evolves with ICAO procedures	mitre	98
mitre 98.4.3	6.20*	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.21	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.22	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.23	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.24	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.25	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.26	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.27	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.28	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.30*	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.31	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.33	Y	full surveillance, better nav, real-time comm, and automated data exchange facilitate transition from tracks toward trajectories in oceanic airspace	mitre	98
mitre 98.4.3	6.34	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.35	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.36	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.37	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.38	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.39	E	ConOps for oceanic operations	mitre	98
mitre 98.4.3	6.40*	E	ConOps for oceanic operations	mitre	98
mitre 98.5.1	1.5	Y	develop air traffic environment incorporating ICAO's communication, navigation and surveillance concept	mitre	98
mitre 98.5.1	1.9	Y	transition to sat navigation	mitre	98
mitre 98.5.1	4.3	Y	need to implm\ement RNAV and sat-nav	mitre	98
mitre 98.5.1	4.11	Y	sat-nav needed to get more precise navigation	mitre	98
mitre 98.5.1	4.39	P	sat-nav needed to improve departure flows	mitre	98
mitre 98.5.1	4.60*	Y	ground-based nav systems move to sat-based	mitre	98
mitre 98.5.1	4.61	E	sat navigation allows more flexible routes	mitre	98
mitre 98.5.1	4.66	Y	equip more aircraft with advanced nav systems	mitre	98
mitre 98.5.1	5.14	Y	equip more aircraft with sat-based nav	mitre	98
mitre 98.5.1	5.20*	Y	ground-based nav systems move to sat-based	mitre	98
mitre 98.5.1	6.2	Y	navigation improvements necessary for increased capacity in oceanic airspace	mitre	98
mitre 98.5.1	6.6	Y	sat nav needed to allow more accurate position updates	mitre	98
mitre 98.5.1	6.13	E	aircraft navigate using global sat system for oceanic ops	mitre	98
mitre 98.5.1	6.24	E	aircraft broadcast sat-derived position data for oceanic ops	mitre	98
mitre 98.5.1	6.33	E	better nav allows transition from oceanic tracks to trajectories	mitre	98
mitre 98.5.1	7.78	E	nav broadcasts provided directly to FAA customers	mitre	98
mitre 98.5.2	4.44	P	tools provide aid in final approach	mitre	98
mitre 98.5.2	4.62	E	ground approach systems supplemented by space systems	mitre	98
mitre 98.5.2	4.63	Y	augmentation systems needed for precision approaches	mitre	98
mitre 98.5.2	4.64	Y	augmentation systems allow more precision approaches at more locations	mitre	98
mitre 98.5.2	5.13	E	surveillance of aircraft by more forms of position data	mitre	98
mitre 98.5.2	5.18	E	quality of position data determines separation standards	mitre	98
mitre 98.5.3	4.44	P	tools provide aid in final approach	mitre	98

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mitre 98.5.3	4.62	E	ground approach systems supplemented by space systems	mitre	98
mitre 98.5.3	4.63	Y	augmentation systems needed for precision approaches	mitre	98
mitre 98.5.3	4.64	Y	augmentation systems allow more precision approaches at more locations	mitre	98
mitre 98.5.3	5.13	E	surveillance of aircraft by more forms of position data	mitre	98
mitre 98.5.3	5.18	E	quality of position data determines separation standards	mitre	98
mitre 98.5.4	4.44	P	tools provide aid in final approach	mitre	98
mitre 98.5.4	4.62	E	ground approach systems supplemented by space systems	mitre	98
mitre 98.5.4	4.63	Y	augmentation systems needed for precision approaches	mitre	98
mitre 98.5.4	4.64	Y	augmentation systems allow more precision approaches at more locations	mitre	98
mitre 98.5.4	5.13	E	surveillance of aircraft by more forms of position data	mitre	98
mitre 98.5.4	5.18	E	quality of position data determines separation standards	mitre	98
mitre 98.5.5	1.9	Y	transition to sat nav	mitre	98
mitre 98.5.5	2.20*	E	emergency locator transmitters will rely on sat position data	mitre	98
mitre 98.5.5	3.30*	E	service providers can display satellite-derived position data	mitre	98
mitre 98.5.5	4.3	P	expanded departure and arrival routes to allow sat nav	mitre	98
mitre 98.5.5	4.11	P	route flexibility allowed by increased nav precision from satellites	mitre	98
mitre 98.5.5	4.12	Y	satellite position data broadcast by aircraft to other aircraft	mitre	98
mitre 98.5.5	4.39	E	improved departure flows using sat nav	mitre	98
mitre 98.5.5	4.60*	Y	ground based nav systems transition to space based	mitre	98
mitre 98.5.5	4.61	Y	satellite nav allows more flexible routes	mitre	98
mitre 98.5.5	4.62	P	satellite-based approach guidance	mitre	98
mitre 98.5.5	5.7	P	aircraft broadcast position determined from sat nav systems	mitre	98
mitre 98.5.5	5.14	Y	more aircraft equipped with sat nav	mitre	98
mitre 98.5.5	5.20*	Y	sat nav allows route structure transition to grid of named locations	mitre	98
mitre 98.5.5	5.41	P	aircraft broadcast position determined from sat nav systems	mitre	98
mitre 98.5.5	6.6	E	sat nav allows more accurate position data	mitre	98
mitre 98.5.5	6.13	Y	global satellite nav system with improved accuracy for oceanic travel	mitre	98
mitre 98.5.5	6.24	E	oceanic aircraft broadcast position determined from sat nav systems	mitre	98
mitre 98.6.2	1.5	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	1.16	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	1.25	E	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	5.1	E	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	5.14	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	5.24	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	6.2	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	6.6	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	6.6	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	6.8	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	6.14	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.2	6.33	P	program deals with investment in next-generation air/ground radio	mitre	98

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mitre 98.6.2	7.77	P	program deals with investment in next-generation air/ground radio	mitre	98
mitre 98.6.3	1.5	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	1.16	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	1.25	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	3.5	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	3.18	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	4.11	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	4.15	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	5.1	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	5.14	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	5.15	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	5.24	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	5.26	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	5.63	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	5.64	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	6.2	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	6.6	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	6.6	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	6.7	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	6.8	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	6.14	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	6.33	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.6.3	7.77	P	Program develops "detailed air-ground communication system architecture"	mitre	98
mitre 98.7.1	1.7	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	1.16	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	1.28	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	1.33	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	1.37	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	1.39	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.2	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.3	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.4	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98

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mitre 98.7.1	4.5	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.6	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.7	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.8	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.9	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.20*	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.21	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.23	E	program adresses operational needs for terminal areas	mitre	98
mitre 98.7.1	4.24	P	program adresses operational needs for terminal areas	mitre	98
mitre 98.7.1	4.25	P		mitre	98
mitre 98.7.1	4.26	P		mitre	98
mitre 98.7.1	4.27	P		mitre	98
mitre 98.7.1	4.28	P		mitre	98
mitre 98.7.1	4.38	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.39	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.4*	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.42	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.43	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.44	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.46	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.48	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.49	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.50*	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.52	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	4.55	E		mitre	98
mitre 98.7.1	4.56	E		mitre	98
mitre 98.7.1	4.57	E		mitre	98
mitre 98.7.1	4.58	E		mitre	98
mitre 98.7.1	4.62	P		mitre	98
mitre 98.7.1	4.63	P		mitre	98
mitre 98.7.1	4.64	P		mitre	98
mitre 98.7.1	4.66	P		mitre	98
mitre 98.7.1	4.68	P		mitre	98
mitre 98.7.1	7.12	E		mitre	98
mitre 98.7.1	7.13	E		mitre	98
mitre 98.7.1	7.19	E		mitre	98
mitre 98.7.1	7.27	E		mitre	98
mitre 98.7.1	7.36	E		mitre	98
mitre 98.7.1	7.37	E		mitre	98
mitre 98.7.1	7.49	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	7.62	P	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	7.69	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98

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mitre 98.7.1	7.7*	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	7.71	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	7.72	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.1	7.73	E	program assesses systems' capabilities to meet terminal area operational needs	mitre	98
mitre 98.7.2	3.3	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.5	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.6	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.7	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.8	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.9	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.10*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.11	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.12	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.15	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.18	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.19	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.20*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.21	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.23	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.24	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.25	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.26	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.27	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.28	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.29	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.30*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.31	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.32	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.33	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.36	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.37	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.38	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98

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mitre 98.7.2	3.39	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.40*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.42	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.43	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.44	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	3.45	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.2	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.3	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.4	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.5	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.6	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.7	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.8	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.9	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.11	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.12	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.14	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.15	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.16	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.18	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.20*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.21	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.22	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.23	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.24	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.25	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.26	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.27	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.28	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.29	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.31	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.32	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98

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mitre 98.7.2	4.33	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.34	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.35	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.36	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.38	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.39	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.40*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.41	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.42	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.43	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.44	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.45	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.46	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.48	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.49	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.50*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.52	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.53	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.54	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.55	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.56	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.57	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.58	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.59	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.60*	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.61	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.62	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.63	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.64	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.65	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.66	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	4.67	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98

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mitre 98.7.2	4.68	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.2	7.43	P	Program develops plan for evolution of terminal domain consitent with the NAS architecture	mitre	98
mitre 98.7.3	1.16	P	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.7.3	1.17	P	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.7.3	1.37	P		mitre	98
mitre 98.7.3	1.39	P		mitre	98
mitre 98.7.3	3.38	P		mitre	98
mitre 98.7.3	4.3	Y	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.7.3	4.5	P		mitre	98
mitre 98.7.3	4.9	P		mitre	98
mitre 98.7.3	4.11	Y	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.7.3	4.20*	P	Program addresses decision support tools to aid in the use of FMS/GPS/RNAV routes in the terminal area	mitre	98
mitre 98.7.3	4.39	P		mitre	98
mitre 98.7.3	4.40*	P		mitre	98
mitre 98.7.3	4.43	P		mitre	98
mitre 98.7.3	4.46	P		mitre	98
mitre 98.7.3	4.48	P		mitre	98
mitre 98.7.3	4.49	P		mitre	98
mitre 98.7.4	2.3	P		mitre	98
mitre 98.7.4	4.3	Y	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	4.4	P		mitre	98
mitre 98.7.4	4.5	P		mitre	98
mitre 98.7.4	4.11	P		mitre	98
mitre 98.7.4	4.38	P	Program studies FMS/GPS/RNAVI route structures in terminal areas	mitre	98
mitre 98.7.4	4.39	Y	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	4.40*	Y	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	4.60*	P	program examines GPS routes	mitre	98
mitre 98.7.4	4.61	P	program examines GPS routes	mitre	98
mitre 98.7.4	4.62	P	program examines GPS routes	mitre	98
mitre 98.7.4	4.63	P	program examines GPS routes	mitre	98
mitre 98.7.4	4.64	P	program examines GPS routes	mitre	98
mitre 98.7.4	4.66	Y	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	5.6.1	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	5.6.2	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	5.8	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	5.11	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	5.18	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	5.20*	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	5.22	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	5.23	P	program examines RNAV,GPS, and FMS routes	mitre	98
mitre 98.7.4	6.9	P		mitre	98
mitre 98.8.1	1.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.4	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.5	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.6	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.7	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.8	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.9	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.11	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.12	P	Flight 2000: system architecture	mitre	98

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mitre 98.8.1	1.13	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.14	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.15	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.16	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.17	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.18	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.19	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.21	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.22	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.23	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.24	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.25	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.26	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.27	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.28	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.29	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.31	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.32	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.33	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.33	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.34	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.35	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.36	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.37	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.38	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.39	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.41	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.42	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.43	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	1.44	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.4	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.5	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.6	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.7	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.8	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.9	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.11	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.12	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.13	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.14	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.15	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.16	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.17	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.18	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.19	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.21	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	2.22	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.4	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.5	P	Flight 2000: system architecture	mitre	98

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mitre 98.8.1	3.6	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.7	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.8	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.9	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.11	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.12	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.13	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.14	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.15	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.16	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.17	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.18	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.19	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.21	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.22	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.23	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.24	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.25	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.26	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.27	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.28	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.29	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.31	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.32	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.33	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.34	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.35	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.36	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.37	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.38	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.39	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.41	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.42	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.43	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.44	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	3.45	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.4	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.5	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.6	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.7	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.8	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.9	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.11	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.12	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.13	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.14	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.15	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.16	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.17	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.18	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.19	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.20*	P	Flight 2000: system architecture	mitre	98

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mitre 98.8.1	4.21	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.22	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.23	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.24	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.25	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.26	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.27	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.28	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.29	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.31	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.32	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.33	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.34	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.35	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.36	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.37	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.38	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.39	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.41	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.42	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.43	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.44	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.45	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.46	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.47	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.48	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.49	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.50*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.51	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.52	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.53	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.54	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.55	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.56	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.57	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.58	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.60*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.61	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.62	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.63	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.64	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.65	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.66	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.67	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	4.68	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.4	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.5	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.6.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.6.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.7	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.8	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.9.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.9.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.11	P	Flight 2000: system architecture	mitre	98

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mitre 98.8.1	5.13	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.14	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.15	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.16	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.17	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.18	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.21	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.22	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.23	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.24	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.25	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.26	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.27	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.28	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.29	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.31	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.32	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.33	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.34	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.35	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.36	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.37	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.38	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.39	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.41	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.42	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.43	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.44	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.45	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.46	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.47	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.48	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.49	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.50*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.51	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.52	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.53	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.54	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.55	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.56	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.57	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.58	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.59	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.60*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.61	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.62	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.63	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.64	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.65	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.66	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.67	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.68	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.69	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.70*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.71	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	5.72	P	Flight 2000: system architecture	mitre	98

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mitre 98.8.1	6.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.4	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.5	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.6	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.7	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.8	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.9	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.11	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.12	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.13	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.14	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.15	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.16	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.17	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.18	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.19	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.21	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.22	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.23	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.24	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.25	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.26	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.27	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.28	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.29	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.31	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.32	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.33	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.34	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.35	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.36	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.37	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.38	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.39	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	6.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.1	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.2	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.4	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.5	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.6	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.7	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.8	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.9	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.11	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.12	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.13	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.14	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.15	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.16	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.17	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.18	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.19	P	Flight 2000: system architecture	mitre	98

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mitre 98.8.1	7.20*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.21	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.22	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.23	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.24	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.25	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.26	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.27	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.28	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.29	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.30*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.31	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.32	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.33	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.34	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.35	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.36	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.37	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.38	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.39	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.40*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.41	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.42	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.43	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.44	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.45	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.46	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.47	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.48	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.49	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.50*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.51	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.52	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.53	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.54	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.55	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.56	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.57	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.58	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.59	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.60*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.61	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.62	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.63	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.64	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.65	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.66	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.67	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.68	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.69	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.70*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.71	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.72	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.73	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.74	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.75	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.76	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.77	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	7.78	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.1	P	Flight 2000: system architecture	mitre	98

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mitre 98.8.1	8.3	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.4	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.5	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.6	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.7	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.8	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.9	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.10*	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.11	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.12	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.13	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.14	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.15	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.16	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.17	P	Flight 2000: system architecture	mitre	98
mitre 98.8.1	8.18	P	Flight 2000: system architecture	mitre	98
mitre 98.8.2	4.12	P	program addresses avionics certification and acquisition	mitre	98
mitre 98.8.4	2.2	E		mitre	98
mitre 98.8.4	2.3	P		mitre	98
mitre 98.8.4	2.5	P		mitre	98
mitre 98.8.4	2.7	E		mitre	98
mitre 98.8.4	2.10*	P		mitre	98
mitre 98.8.4	2.20*	E		mitre	98
mitre 98.8.4	2.21	E		mitre	98
mitre 98.8.4	2.22	E		mitre	98
mitre 98.8.4	3.3	Y		mitre	98
mitre 98.8.4	3.5	Y		mitre	98
mitre 98.8.4	3.6	P		mitre	98
mitre 98.8.4	3.10*	P		mitre	98
mitre 98.8.4	3.11	P		mitre	98
mitre 98.8.4	3.12	P		mitre	98
mitre 98.8.4	3.15	Y		mitre	98
mitre 98.8.4	3.21	Y		mitre	98
mitre 98.8.4	3.23	P		mitre	98
mitre 98.8.4	3.24	Y		mitre	98
mitre 98.8.4	3.25	P		mitre	98
mitre 98.8.4	3.28	Y		mitre	98
mitre 98.8.4	3.29	P		mitre	98
mitre 98.8.4	3.30*	Y		mitre	98
mitre 98.8.4	3.31	Y		mitre	98
mitre 98.8.4	3.32	Y		mitre	98
mitre 98.8.4	3.33	Y		mitre	98
mitre 98.8.4	3.36	P		mitre	98
mitre 98.8.4	3.37	P		mitre	98
mitre 98.8.4	3.38	E		mitre	98
mitre 98.8.4	3.39	E		mitre	98
mitre 98.8.4	3.40*	P		mitre	98
mitre 98.8.4	3.42	P		mitre	98
mitre 98.8.4	3.43	P		mitre	98
mitre 98.8.4	3.44	P		mitre	98
mitre 98.8.4	3.45	P		mitre	98
mitre 98.8.4	4.2	P		mitre	98
mitre 98.8.4	4.3	E		mitre	98
mitre 98.8.4	4.5	Y		mitre	98
mitre 98.8.4	4.6	E		mitre	98
mitre 98.8.4	4.7	E		mitre	98
mitre 98.8.4	4.8	E		mitre	98
mitre 98.8.4	4.9	Y		mitre	98
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mitre 98.8.4	4.15	Y		mitre	98
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mitre 98.8.4	4.20*	Y		mitre	98
mitre 98.8.4	4.21	Y		mitre	98
mitre 98.8.4	4.22	P		mitre	98
mitre 98.8.4	4.23	E		mitre	98
mitre 98.8.4	4.24	E		mitre	98
mitre 98.8.4	4.25	Y		mitre	98
mitre 98.8.4	4.26	Y		mitre	98
mitre 98.8.4	4.27	Y		mitre	98
mitre 98.8.4	4.28	P		mitre	98
mitre 98.8.4	4.29	P		mitre	98
mitre 98.8.4	4.31	P		mitre	98
mitre 98.8.4	4.32	P		mitre	98
mitre 98.8.4	4.33	P		mitre	98
mitre 98.8.4	4.34	Y		mitre	98
mitre 98.8.4	4.35	Y		mitre	98
mitre 98.8.4	4.38	E		mitre	98
mitre 98.8.4	4.39	Y		mitre	98
mitre 98.8.4	4.40*	Y		mitre	98
mitre 98.8.4	4.42	E		mitre	98
mitre 98.8.4	4.43	Y		mitre	98
mitre 98.8.4	4.44	Y		mitre	98
mitre 98.8.4	4.45	E		mitre	98
mitre 98.8.4	4.46	Y		mitre	98
mitre 98.8.4	4.48	P		mitre	98
mitre 98.8.4	4.49	P		mitre	98
mitre 98.8.4	4.50*	P		mitre	98
mitre 98.8.4	4.54	E		mitre	98
mitre 98.8.4	4.55	E		mitre	98
mitre 98.8.4	4.57	P		mitre	98
mitre 98.8.4	4.58	P		mitre	98
mitre 98.8.4	4.60*	Y		mitre	98
mitre 98.8.4	4.61	Y		mitre	98
mitre 98.8.4	4.62	P		mitre	98
mitre 98.8.4	4.63	P		mitre	98
mitre 98.8.4	4.64	P		mitre	98
mitre 98.8.4	4.66	Y		mitre	98
mitre 98.8.4	5.1	P		mitre	98
mitre 98.8.4	5.2	P		mitre	98
mitre 98.8.4	5.4	P		mitre	98
mitre 98.8.4	5.7	Y		mitre	98
mitre 98.8.4	5.8	Y		mitre	98
mitre 98.8.4	5.9.2	P		mitre	98
mitre 98.8.4	5.10*	P		mitre	98
mitre 98.8.4	5.12	Y		mitre	98
mitre 98.8.4	5.13	Y		mitre	98
mitre 98.8.4	5.14	Y		mitre	98
mitre 98.8.4	5.15	Y		mitre	98
mitre 98.8.4	5.18	Y		mitre	98
mitre 98.8.4	5.20*	P		mitre	98
mitre 98.8.4	5.22	P		mitre	98
mitre 98.8.4	5.25	Y		mitre	98
mitre 98.8.4	5.30*	P		mitre	98
mitre 98.8.4	5.31	P		mitre	98
mitre 98.8.4	5.32	P		mitre	98
mitre 98.8.4	5.34	P		mitre	98
mitre 98.8.4	5.35	P		mitre	98
mitre 98.8.4	5.37	P		mitre	98

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mitre 98.8.4	5.39	P		mitre	98
mitre 98.8.4	5.41	Y		mitre	98
mitre 98.8.4	5.42	P		mitre	98
mitre 98.8.4	5.43	P		mitre	98
mitre 98.8.4	5.45	P		mitre	98
mitre 98.8.4	5.49	E		mitre	98
mitre 98.8.4	5.51	P		mitre	98
mitre 98.8.4	5.53	E		mitre	98
mitre 98.8.4	5.56	P		mitre	98
mitre 98.8.4	5.57	P		mitre	98
mitre 98.8.4	5.58	P		mitre	98
mitre 98.8.4	5.59	P		mitre	98
mitre 98.8.4	5.60*	P		mitre	98
mitre 98.8.4	5.61	E		mitre	98
mitre 98.8.4	5.63	P		mitre	98
mitre 98.8.4	5.64	E		mitre	98
mitre 98.8.4	5.66	E		mitre	98
mitre 98.8.4	5.71	E		mitre	98
mitre 98.8.4	6.2	Y		mitre	98
mitre 98.8.4	6.3	Y		mitre	98
mitre 98.8.4	6.4	Y		mitre	98
mitre 98.8.4	6.5	P		mitre	98
mitre 98.8.4	6.6	P		mitre	98
mitre 98.8.4	6.7	Y		mitre	98
mitre 98.8.4	6.9	P		mitre	98
mitre 98.8.4	6.10*	P		mitre	98
mitre 98.8.4	6.12	P		mitre	98
mitre 98.8.4	6.13	Y		mitre	98
mitre 98.8.4	6.14	Y		mitre	98
mitre 98.8.4	6.15	P		mitre	98
mitre 98.8.4	6.16	P		mitre	98
mitre 98.8.4	6.20*	E		mitre	98
mitre 98.8.4	6.21	Y		mitre	98
mitre 98.8.4	6.22	Y		mitre	98
mitre 98.8.4	6.23	Y		mitre	98
mitre 98.8.4	6.24	Y		mitre	98
mitre 98.8.4	6.25	P		mitre	98
mitre 98.8.4	6.26	P		mitre	98
mitre 98.8.4	6.27	P		mitre	98
mitre 98.8.4	6.28	P		mitre	98
mitre 98.8.4	6.30*	E		mitre	98
mitre 98.8.4	6.31	P		mitre	98
mitre 98.8.4	6.33	Y		mitre	98
mitre 98.8.4	6.34	P		mitre	98
mitre 98.8.4	6.35	E		mitre	98
mitre 98.8.4	6.36	Y		mitre	98
mitre 98.8.4	6.40*	P		mitre	98
mitre 98.8.4	7.1	P		mitre	98
mitre 98.8.4	7.2	E		mitre	98
mitre 98.8.4	7.5	P		mitre	98
mitre 98.8.4	7.7	P		mitre	98
mitre 98.8.4	7.10*	P		mitre	98
mitre 98.8.4	7.11	P		mitre	98
mitre 98.8.4	7.12	E		mitre	98
mitre 98.8.4	7.13	P		mitre	98
mitre 98.8.4	7.14	P		mitre	98
mitre 98.8.4	7.16	P		mitre	98
mitre 98.8.4	7.18	P		mitre	98
mitre 98.8.4	7.24	E		mitre	98
mitre 98.8.4	7.25	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.8.4	7.27	P		mitre	98
mitre 98.8.4	7.32	P		mitre	98
mitre 98.8.4	7.35	E		mitre	98
mitre 98.8.4	7.37	E		mitre	98
mitre 98.8.4	7.43	E		mitre	98
mitre 98.8.4	7.44	E		mitre	98
mitre 98.8.4	7.46	E		mitre	98
mitre 98.8.4	7.47	E		mitre	98
mitre 98.8.4	7.51	P		mitre	98
mitre 98.8.4	7.52	P		mitre	98
mitre 98.8.4	7.57	P		mitre	98
mitre 98.8.4	7.58	P		mitre	98
mitre 98.8.4	7.61	E		mitre	98
mitre 98.8.4	7.62	E		mitre	98
mitre 98.8.4	7.65	E		mitre	98
mitre 98.8.4	7.66	E		mitre	98
mitre 98.8.4	7.69	E		mitre	98
mitre 98.8.4	7.70*	E		mitre	98
mitre 98.8.4	7.77	P		mitre	98
mitre 98.8.4	7.78	E		mitre	98
mitre 98.9.1	2.2	E		mitre	98
mitre 98.9.1	2.3	P		mitre	98
mitre 98.9.1	2.5	P		mitre	98
mitre 98.9.1	2.7	E		mitre	98
mitre 98.9.1	2.10*	P		mitre	98
mitre 98.9.1	2.20*	E		mitre	98
mitre 98.9.1	2.21	E		mitre	98
mitre 98.9.1	2.22	E		mitre	98
mitre 98.9.1	3.3	Y		mitre	98
mitre 98.9.1	3.5	Y		mitre	98
mitre 98.9.1	3.6	P		mitre	98
mitre 98.9.1	3.10*	P		mitre	98
mitre 98.9.1	3.11	P		mitre	98
mitre 98.9.1	3.12	P		mitre	98
mitre 98.9.1	3.15	Y		mitre	98
mitre 98.9.1	3.21	Y		mitre	98
mitre 98.9.1	3.23	P		mitre	98
mitre 98.9.1	3.24	Y		mitre	98
mitre 98.9.1	3.25	P		mitre	98
mitre 98.9.1	3.28	Y		mitre	98
mitre 98.9.1	3.29	P		mitre	98
mitre 98.9.1	3.30*	Y		mitre	98
mitre 98.9.1	3.31	Y		mitre	98
mitre 98.9.1	3.32	Y		mitre	98
mitre 98.9.1	3.33	Y		mitre	98
mitre 98.9.1	3.36	P		mitre	98
mitre 98.9.1	3.37	P		mitre	98
mitre 98.9.1	3.38	E		mitre	98
mitre 98.9.1	3.39	E		mitre	98
mitre 98.9.1	3.40*	P		mitre	98
mitre 98.9.1	3.42	P		mitre	98
mitre 98.9.1	3.43	P		mitre	98
mitre 98.9.1	3.44	P		mitre	98
mitre 98.9.1	3.45	P		mitre	98
mitre 98.9.1	4.2	P		mitre	98
mitre 98.9.1	4.3	E		mitre	98
mitre 98.9.1	4.4	E		mitre	98
mitre 98.9.1	4.7	E		mitre	98
mitre 98.9.1	4.8	E		mitre	98
mitre 98.9.1	4.9	Y		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.1	4.11	Y		mitre	98
mitre 98.9.1	4.12	P		mitre	98
mitre 98.9.1	4.15	Y		mitre	98
mitre 98.9.1	4.16	Y		mitre	98
mitre 98.9.1	4.20*	P		mitre	98
mitre 98.9.1	4.21	Y		mitre	98
mitre 98.9.1	4.22	P		mitre	98
mitre 98.9.1	4.23	E		mitre	98
mitre 98.9.1	4.24	E		mitre	98
mitre 98.9.1	4.25	P		mitre	98
mitre 98.9.1	4.26	P		mitre	98
mitre 98.9.1	4.27	Y		mitre	98
mitre 98.9.1	4.28	P		mitre	98
mitre 98.9.1	4.29	P		mitre	98
mitre 98.9.1	4.31	P		mitre	98
mitre 98.9.1	4.32	P		mitre	98
mitre 98.9.1	4.33	P		mitre	98
mitre 98.9.1	4.34	Y		mitre	98
mitre 98.9.1	4.35	Y		mitre	98
mitre 98.9.1	4.38	E		mitre	98
mitre 98.9.1	4.39	Y		mitre	98
mitre 98.9.1	4.40*	E		mitre	98
mitre 98.9.1	4.42	E		mitre	98
mitre 98.9.1	4.43	Y		mitre	98
mitre 98.9.1	4.44	P		mitre	98
mitre 98.9.1	4.45	P		mitre	98
mitre 98.9.1	4.46	Y		mitre	98
mitre 98.9.1	4.48	P		mitre	98
mitre 98.9.1	4.49	P		mitre	98
mitre 98.9.1	4.50*	Y		mitre	98
mitre 98.9.1	4.54	E		mitre	98
mitre 98.9.1	4.55	E		mitre	98
mitre 98.9.1	4.57	P		mitre	98
mitre 98.9.1	4.58	P		mitre	98
mitre 98.9.1	4.60*	E		mitre	98
mitre 98.9.1	4.61	Y		mitre	98
mitre 98.9.1	4.62	P		mitre	98
mitre 98.9.1	4.63	P		mitre	98
mitre 98.9.1	4.64	P		mitre	98
mitre 98.9.1	4.66	E		mitre	98
mitre 98.9.1	5.1	P		mitre	98
mitre 98.9.1	5.2	P		mitre	98
mitre 98.9.1	5.4	P		mitre	98
mitre 98.9.1	5.7	Y		mitre	98
mitre 98.9.1	5.8	Y		mitre	98
mitre 98.9.1	5.10*	E		mitre	98
mitre 98.9.1	5.11	E		mitre	98
mitre 98.9.1	5.12	Y		mitre	98
mitre 98.9.1	5.13	Y		mitre	98
mitre 98.9.1	5.14	P		mitre	98
mitre 98.9.1	5.15	P		mitre	98
mitre 98.9.1	5.18	P		mitre	98
mitre 98.9.1	5.20*	E		mitre	98
mitre 98.9.1	5.22	P		mitre	98
mitre 98.9.1	5.25	Y		mitre	98
mitre 98.9.1	5.30*	P		mitre	98
mitre 98.9.1	5.31	P		mitre	98
mitre 98.9.1	5.32	P		mitre	98
mitre 98.9.1	5.34	P		mitre	98
mitre 98.9.1	5.35	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.1	5.37	P		mitre	98
mitre 98.9.1	5.39	P		mitre	98
mitre 98.9.1	5.41	Y		mitre	98
mitre 98.9.1	5.42	P		mitre	98
mitre 98.9.1	5.43	P		mitre	98
mitre 98.9.1	5.45	P		mitre	98
mitre 98.9.1	5.49	E		mitre	98
mitre 98.9.1	5.50*	P		mitre	98
mitre 98.9.1	5.51	P		mitre	98
mitre 98.9.1	5.53	E		mitre	98
mitre 98.9.1	5.56	P		mitre	98
mitre 98.9.1	5.57	P		mitre	98
mitre 98.9.1	5.58	P		mitre	98
mitre 98.9.1	5.59	P		mitre	98
mitre 98.9.1	5.60*	E		mitre	98
mitre 98.9.1	5.61	E		mitre	98
mitre 98.9.1	5.63	P		mitre	98
mitre 98.9.1	5.64	E		mitre	98
mitre 98.9.1	5.66	E		mitre	98
mitre 98.9.1	5.71	E		mitre	98
mitre 98.9.1	6.2	E		mitre	98
mitre 98.9.1	6.3	E		mitre	98
mitre 98.9.1	6.4	E		mitre	98
mitre 98.9.1	6.5	P		mitre	98
mitre 98.9.1	6.6	P		mitre	98
mitre 98.9.1	6.7	Y		mitre	98
mitre 98.9.1	6.9	P		mitre	98
mitre 98.9.1	6.10*	E		mitre	98
mitre 98.9.1	6.12	P		mitre	98
mitre 98.9.1	6.13	Y		mitre	98
mitre 98.9.1	6.14	Y		mitre	98
mitre 98.9.1	6.15	P		mitre	98
mitre 98.9.1	6.16	P		mitre	98
mitre 98.9.1	6.20*	Y		mitre	98
mitre 98.9.1	6.21	Y		mitre	98
mitre 98.9.1	6.22	Y		mitre	98
mitre 98.9.1	6.23	Y		mitre	98
mitre 98.9.1	6.24	Y		mitre	98
mitre 98.9.1	6.25	P		mitre	98
mitre 98.9.1	6.26	P		mitre	98
mitre 98.9.1	6.27	P		mitre	98
mitre 98.9.1	6.28	P		mitre	98
mitre 98.9.1	6.30*	Y		mitre	98
mitre 98.9.1	6.31	P		mitre	98
mitre 98.9.1	6.33	P		mitre	98
mitre 98.9.1	6.34	P		mitre	98
mitre 98.9.1	6.35	E		mitre	98
mitre 98.9.1	6.36	P		mitre	98
mitre 98.9.1	6.40*	P		mitre	98
mitre 98.9.1	7.1	E		mitre	98
mitre 98.9.1	7.2	E		mitre	98
mitre 98.9.1	7.5	E		mitre	98
mitre 98.9.1	7.7	E		mitre	98
mitre 98.9.1	7.10*	P		mitre	98
mitre 98.9.1	7.11	P		mitre	98
mitre 98.9.1	7.12	E		mitre	98
mitre 98.9.1	7.13	P		mitre	98
mitre 98.9.1	7.14	P		mitre	98
mitre 98.9.1	7.16	P		mitre	98
mitre 98.9.1	7.17	E		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.1	7.18	P		mitre	98
mitre 98.9.1	7.24	E		mitre	98
mitre 98.9.1	7.25	P		mitre	98
mitre 98.9.1	7.27	P		mitre	98
mitre 98.9.1	7.30*	E		mitre	98
mitre 98.9.1	7.32	P		mitre	98
mitre 98.9.1	7.35	E		mitre	98
mitre 98.9.1	7.37	E		mitre	98
mitre 98.9.1	7.43	E		mitre	98
mitre 98.9.1	7.44	E		mitre	98
mitre 98.9.1	7.45	P		mitre	98
mitre 98.9.1	7.46	E		mitre	98
mitre 98.9.1	7.47	E		mitre	98
mitre 98.9.1	7.51	P		mitre	98
mitre 98.9.1	7.52	P		mitre	98
mitre 98.9.1	7.57	P		mitre	98
mitre 98.9.1	7.58	P		mitre	98
mitre 98.9.1	7.61	E		mitre	98
mitre 98.9.1	7.62	E		mitre	98
mitre 98.9.1	7.65	E		mitre	98
mitre 98.9.1	7.66	E		mitre	98
mitre 98.9.1	7.69	E		mitre	98
mitre 98.9.1	7.70*	P		mitre	98
mitre 98.9.1	7.77	E		mitre	98
mitre 98.9.1	7.77	E		mitre	98
mitre 98.9.1	7.78	E		mitre	98
mitre 98.9.2	2.2	E		mitre	98
mitre 98.9.2	2.3	P		mitre	98
mitre 98.9.2	2.5	P		mitre	98
mitre 98.9.2	2.7	E		mitre	98
mitre 98.9.2	2.10*	P		mitre	98
mitre 98.9.2	2.20*	E		mitre	98
mitre 98.9.2	2.21	E		mitre	98
mitre 98.9.2	2.22	E		mitre	98
mitre 98.9.2	3.3	Y		mitre	98
mitre 98.9.2	3.5	Y		mitre	98
mitre 98.9.2	3.6	P		mitre	98
mitre 98.9.2	3.10*	P		mitre	98
mitre 98.9.2	3.11	P		mitre	98
mitre 98.9.2	3.12	P		mitre	98
mitre 98.9.2	3.15	Y		mitre	98
mitre 98.9.2	3.21	Y		mitre	98
mitre 98.9.2	3.23	P		mitre	98
mitre 98.9.2	3.24	Y		mitre	98
mitre 98.9.2	3.25	P		mitre	98
mitre 98.9.2	3.28	Y		mitre	98
mitre 98.9.2	3.29	P		mitre	98
mitre 98.9.2	3.30*	Y		mitre	98
mitre 98.9.2	3.31	Y		mitre	98
mitre 98.9.2	3.32	Y		mitre	98
mitre 98.9.2	3.33	Y		mitre	98
mitre 98.9.2	3.36	P		mitre	98
mitre 98.9.2	3.37	P		mitre	98
mitre 98.9.2	3.38	E		mitre	98
mitre 98.9.2	3.39	E		mitre	98
mitre 98.9.2	3.40*	P		mitre	98
mitre 98.9.2	3.42	P		mitre	98
mitre 98.9.2	3.43	P		mitre	98
mitre 98.9.2	3.44	P		mitre	98
mitre 98.9.2	3.45	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	4.2	P		mitre	98
mitre 98.9.2	4.3	E		mitre	98
mitre 98.9.2	4.4	E		mitre	98
mitre 98.9.2	4.7	E		mitre	98
mitre 98.9.2	4.8	E		mitre	98
mitre 98.9.2	4.9	Y		mitre	98
mitre 98.9.2	4.11	Y		mitre	98
mitre 98.9.2	4.12	P		mitre	98
mitre 98.9.2	4.15	Y		mitre	98
mitre 98.9.2	4.16	Y		mitre	98
mitre 98.9.2	4.20*	P		mitre	98
mitre 98.9.2	4.21	Y		mitre	98
mitre 98.9.2	4.22	P		mitre	98
mitre 98.9.2	4.23	E		mitre	98
mitre 98.9.2	4.24	E		mitre	98
mitre 98.9.2	4.25	P		mitre	98
mitre 98.9.2	4.26	P		mitre	98
mitre 98.9.2	4.27	Y		mitre	98
mitre 98.9.2	4.28	P		mitre	98
mitre 98.9.2	4.29	P		mitre	98
mitre 98.9.2	4.31	P		mitre	98
mitre 98.9.2	4.32	P		mitre	98
mitre 98.9.2	4.33	P		mitre	98
mitre 98.9.2	4.34	Y		mitre	98
mitre 98.9.2	4.35	Y		mitre	98
mitre 98.9.2	4.38	E		mitre	98
mitre 98.9.2	4.39	Y		mitre	98
mitre 98.9.2	4.40*	E		mitre	98
mitre 98.9.2	4.42	E		mitre	98
mitre 98.9.2	4.43	Y		mitre	98
mitre 98.9.2	4.44	P		mitre	98
mitre 98.9.2	4.45	P		mitre	98
mitre 98.9.2	4.46	Y		mitre	98
mitre 98.9.2	4.48	P		mitre	98
mitre 98.9.2	4.49	P		mitre	98
mitre 98.9.2	4.50*	Y		mitre	98
mitre 98.9.2	4.54	E		mitre	98
mitre 98.9.2	4.55	E		mitre	98
mitre 98.9.2	4.57	P		mitre	98
mitre 98.9.2	4.58	P		mitre	98
mitre 98.9.2	4.60*	E		mitre	98
mitre 98.9.2	4.61	Y		mitre	98
mitre 98.9.2	4.62	P		mitre	98
mitre 98.9.2	4.63	P		mitre	98
mitre 98.9.2	4.64	P		mitre	98
mitre 98.9.2	4.66	E		mitre	98
mitre 98.9.2	5.1	P		mitre	98
mitre 98.9.2	5.2	P		mitre	98
mitre 98.9.2	5.4	P		mitre	98
mitre 98.9.2	5.7	Y		mitre	98
mitre 98.9.2	5.8	Y		mitre	98
mitre 98.9.2	5.10*	E		mitre	98
mitre 98.9.2	5.11	E		mitre	98
mitre 98.9.2	5.12	Y		mitre	98
mitre 98.9.2	5.13	Y		mitre	98
mitre 98.9.2	5.14	P		mitre	98
mitre 98.9.2	5.15	P		mitre	98
mitre 98.9.2	5.18	P		mitre	98
mitre 98.9.2	5.20*	E		mitre	98
mitre 98.9.2	5.22	P		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.2	5.25	Y		mitre	98
mitre 98.9.2	5.30*	P		mitre	98
mitre 98.9.2	5.31	P		mitre	98
mitre 98.9.2	5.32	P		mitre	98
mitre 98.9.2	5.34	P		mitre	98
mitre 98.9.2	5.35	P		mitre	98
mitre 98.9.2	5.37	P		mitre	98
mitre 98.9.2	5.39	P		mitre	98
mitre 98.9.2	5.41	Y		mitre	98
mitre 98.9.2	5.42	P		mitre	98
mitre 98.9.2	5.43	P		mitre	98
mitre 98.9.2	5.45	P		mitre	98
mitre 98.9.2	5.49	E		mitre	98
mitre 98.9.2	5.50*	P		mitre	98
mitre 98.9.2	5.51	P		mitre	98
mitre 98.9.2	5.53	E		mitre	98
mitre 98.9.2	5.56	P		mitre	98
mitre 98.9.2	5.57	P		mitre	98
mitre 98.9.2	5.58	P		mitre	98
mitre 98.9.2	5.59	P		mitre	98
mitre 98.9.2	5.60*	E		mitre	98
mitre 98.9.2	5.61	E		mitre	98
mitre 98.9.2	5.63	P		mitre	98
mitre 98.9.2	5.64	E		mitre	98
mitre 98.9.2	5.66	E		mitre	98
mitre 98.9.2	5.71	E		mitre	98
mitre 98.9.2	6.2	E		mitre	98
mitre 98.9.2	6.3	E		mitre	98
mitre 98.9.2	6.4	E		mitre	98
mitre 98.9.2	6.5	P		mitre	98
mitre 98.9.2	6.6	P		mitre	98
mitre 98.9.2	6.7	Y		mitre	98
mitre 98.9.2	6.9	P		mitre	98
mitre 98.9.2	6.10*	E		mitre	98
mitre 98.9.2	6.12	P		mitre	98
mitre 98.9.2	6.13	Y		mitre	98
mitre 98.9.2	6.14	Y		mitre	98
mitre 98.9.2	6.15	P		mitre	98
mitre 98.9.2	6.16	P		mitre	98
mitre 98.9.2	6.20*	Y		mitre	98
mitre 98.9.2	6.21	Y		mitre	98
mitre 98.9.2	6.22	Y		mitre	98
mitre 98.9.2	6.23	Y		mitre	98
mitre 98.9.2	6.24	Y		mitre	98
mitre 98.9.2	6.25	P		mitre	98
mitre 98.9.2	6.26	P		mitre	98
mitre 98.9.2	6.27	P		mitre	98
mitre 98.9.2	6.28	P		mitre	98
mitre 98.9.2	6.30*	Y		mitre	98
mitre 98.9.2	6.31	P		mitre	98
mitre 98.9.2	6.33	P		mitre	98
mitre 98.9.2	6.34	P		mitre	98
mitre 98.9.2	6.35	E		mitre	98
mitre 98.9.2	6.36	P		mitre	98
mitre 98.9.2	6.40*	P		mitre	98
mitre 98.9.2	7.1	E		mitre	98
mitre 98.9.2	7.2	E		mitre	98
mitre 98.9.2	7.5	E		mitre	98
mitre 98.9.2	7.7	E		mitre	98
mitre 98.9.2	7.10*	P		mitre	98

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mitre 98.9.2	7.11	P		mitre	98
mitre 98.9.2	7.12	E		mitre	98
mitre 98.9.2	7.13	P		mitre	98
mitre 98.9.2	7.14	P		mitre	98
mitre 98.9.2	7.16	P		mitre	98
mitre 98.9.2	7.17	E		mitre	98
mitre 98.9.2	7.18	P		mitre	98
mitre 98.9.2	7.24	E		mitre	98
mitre 98.9.2	7.25	P		mitre	98
mitre 98.9.2	7.27	P		mitre	98
mitre 98.9.2	7.30*	E		mitre	98
mitre 98.9.2	7.32	P		mitre	98
mitre 98.9.2	7.35	E		mitre	98
mitre 98.9.2	7.37	E		mitre	98
mitre 98.9.2	7.43	E		mitre	98
mitre 98.9.2	7.44	E		mitre	98
mitre 98.9.2	7.45	P		mitre	98
mitre 98.9.2	7.46	E		mitre	98
mitre 98.9.2	7.47	E		mitre	98
mitre 98.9.2	7.51	P		mitre	98
mitre 98.9.2	7.52	P		mitre	98
mitre 98.9.2	7.57	P		mitre	98
mitre 98.9.2	7.58	P		mitre	98
mitre 98.9.2	7.61	E		mitre	98
mitre 98.9.2	7.62	E		mitre	98
mitre 98.9.2	7.65	E		mitre	98
mitre 98.9.2	7.66	E		mitre	98
mitre 98.9.2	7.69	E		mitre	98
mitre 98.9.2	7.70*	P		mitre	98
mitre 98.9.2	7.77	E		mitre	98
mitre 98.9.2	7.77	E		mitre	98
mitre 98.9.2	7.78	E		mitre	98
mitre 98.9.3	2.2	E		mitre	98
mitre 98.9.3	2.3	P		mitre	98
mitre 98.9.3	2.5	P		mitre	98
mitre 98.9.3	2.7	E		mitre	98
mitre 98.9.3	2.10*	P		mitre	98
mitre 98.9.3	2.20*	E		mitre	98
mitre 98.9.3	2.21	E		mitre	98
mitre 98.9.3	2.22	E		mitre	98
mitre 98.9.3	3.3	Y		mitre	98
mitre 98.9.3	3.5	Y		mitre	98
mitre 98.9.3	3.6	P		mitre	98
mitre 98.9.3	3.10*	P		mitre	98
mitre 98.9.3	3.11	P		mitre	98
mitre 98.9.3	3.12	P		mitre	98
mitre 98.9.3	3.15	Y		mitre	98
mitre 98.9.3	3.21	Y		mitre	98
mitre 98.9.3	3.23	P		mitre	98
mitre 98.9.3	3.24	Y		mitre	98
mitre 98.9.3	3.25	P		mitre	98
mitre 98.9.3	3.28	Y		mitre	98
mitre 98.9.3	3.29	P		mitre	98
mitre 98.9.3	3.30*	Y		mitre	98
mitre 98.9.3	3.31	Y		mitre	98
mitre 98.9.3	3.32	Y		mitre	98
mitre 98.9.3	3.33	Y		mitre	98
mitre 98.9.3	3.36	P		mitre	98
mitre 98.9.3	3.37	P		mitre	98
mitre 98.9.3	3.38	E		mitre	98

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mitre 98.9.3	3.39	E		mitre	98
mitre 98.9.3	3.40*	P		mitre	98
mitre 98.9.3	3.42	P		mitre	98
mitre 98.9.3	3.43	P		mitre	98
mitre 98.9.3	3.44	P		mitre	98
mitre 98.9.3	3.45	P		mitre	98
mitre 98.9.3	4.2	P		mitre	98
mitre 98.9.3	4.3	E		mitre	98
mitre 98.9.3	4.4	E		mitre	98
mitre 98.9.3	4.7	E		mitre	98
mitre 98.9.3	4.8	E		mitre	98
mitre 98.9.3	4.9	Y		mitre	98
mitre 98.9.3	4.11	Y		mitre	98
mitre 98.9.3	4.12	P		mitre	98
mitre 98.9.3	4.15	Y		mitre	98
mitre 98.9.3	4.16	Y		mitre	98
mitre 98.9.3	4.20*	P		mitre	98
mitre 98.9.3	4.21	Y		mitre	98
mitre 98.9.3	4.22	P		mitre	98
mitre 98.9.3	4.23	E		mitre	98
mitre 98.9.3	4.24	E		mitre	98
mitre 98.9.3	4.25	P		mitre	98
mitre 98.9.3	4.26	P		mitre	98
mitre 98.9.3	4.27	Y		mitre	98
mitre 98.9.3	4.28	P		mitre	98
mitre 98.9.3	4.29	P		mitre	98
mitre 98.9.3	4.31	P		mitre	98
mitre 98.9.3	4.32	P		mitre	98
mitre 98.9.3	4.33	P		mitre	98
mitre 98.9.3	4.34	Y		mitre	98
mitre 98.9.3	4.35	Y		mitre	98
mitre 98.9.3	4.38	E		mitre	98
mitre 98.9.3	4.39	Y		mitre	98
mitre 98.9.3	4.40*	E		mitre	98
mitre 98.9.3	4.42	E		mitre	98
mitre 98.9.3	4.43	Y		mitre	98
mitre 98.9.3	4.44	P		mitre	98
mitre 98.9.3	4.45	P		mitre	98
mitre 98.9.3	4.46	Y		mitre	98
mitre 98.9.3	4.48	P		mitre	98
mitre 98.9.3	4.49	P		mitre	98
mitre 98.9.3	4.50*	Y		mitre	98
mitre 98.9.3	4.54	E		mitre	98
mitre 98.9.3	4.55	E		mitre	98
mitre 98.9.3	4.57	P		mitre	98
mitre 98.9.3	4.58	P		mitre	98
mitre 98.9.3	4.60*	E		mitre	98
mitre 98.9.3	4.61	Y		mitre	98
mitre 98.9.3	4.62	P		mitre	98
mitre 98.9.3	4.63	P		mitre	98
mitre 98.9.3	4.64	P		mitre	98
mitre 98.9.3	4.66	E		mitre	98
mitre 98.9.3	5.1	P		mitre	98
mitre 98.9.3	5.2	P		mitre	98
mitre 98.9.3	5.4	P		mitre	98
mitre 98.9.3	5.7	Y		mitre	98
mitre 98.9.3	5.8	Y		mitre	98
mitre 98.9.3	5.10*	E		mitre	98
mitre 98.9.3	5.11	E		mitre	98
mitre 98.9.3	5.12	Y		mitre	98

Program Name	Requirement	Rating	Notes		
mitre 98.9.3	5.13	Y		mitre	98
mitre 98.9.3	5.14	P		mitre	98
mitre 98.9.3	5.15	P		mitre	98
mitre 98.9.3	5.18	P		mitre	98
mitre 98.9.3	5.20*	E		mitre	98
mitre 98.9.3	5.22	P		mitre	98
mitre 98.9.3	5.25	Y		mitre	98
mitre 98.9.3	5.30*	P		mitre	98
mitre 98.9.3	5.31	P		mitre	98
mitre 98.9.3	5.32	P		mitre	98
mitre 98.9.3	5.34	P		mitre	98
mitre 98.9.3	5.35	P		mitre	98
mitre 98.9.3	5.37	P		mitre	98
mitre 98.9.3	5.39	P		mitre	98
mitre 98.9.3	5.41	Y		mitre	98
mitre 98.9.3	5.42	P		mitre	98
mitre 98.9.3	5.43	P		mitre	98
mitre 98.9.3	5.45	P		mitre	98
mitre 98.9.3	5.49	E		mitre	98
mitre 98.9.3	5.50*	P		mitre	98
mitre 98.9.3	5.51	P		mitre	98
mitre 98.9.3	5.53	E		mitre	98
mitre 98.9.3	5.56	P		mitre	98
mitre 98.9.3	5.57	P		mitre	98
mitre 98.9.3	5.58	P		mitre	98
mitre 98.9.3	5.59	P		mitre	98
mitre 98.9.3	5.60*	E		mitre	98
mitre 98.9.3	5.61	E		mitre	98
mitre 98.9.3	5.63	P		mitre	98
mitre 98.9.3	5.64	E		mitre	98
mitre 98.9.3	5.66	E		mitre	98
mitre 98.9.3	5.71	E		mitre	98
mitre 98.9.3	6.2	E		mitre	98
mitre 98.9.3	6.3	E		mitre	98
mitre 98.9.3	6.4	E		mitre	98
mitre 98.9.3	6.5	P		mitre	98
mitre 98.9.3	6.6	P		mitre	98
mitre 98.9.3	6.7	Y		mitre	98
mitre 98.9.3	6.9	P		mitre	98
mitre 98.9.3	6.10*	E		mitre	98
mitre 98.9.3	6.12	P		mitre	98
mitre 98.9.3	6.13	Y		mitre	98
mitre 98.9.3	6.14	Y		mitre	98
mitre 98.9.3	6.15	P		mitre	98
mitre 98.9.3	6.16	P		mitre	98
mitre 98.9.3	6.20*	Y		mitre	98
mitre 98.9.3	6.21	Y		mitre	98
mitre 98.9.3	6.22	Y		mitre	98
mitre 98.9.3	6.23	Y		mitre	98
mitre 98.9.3	6.24	Y		mitre	98
mitre 98.9.3	6.25	P		mitre	98
mitre 98.9.3	6.26	P		mitre	98
mitre 98.9.3	6.27	P		mitre	98
mitre 98.9.3	6.28	P		mitre	98
mitre 98.9.3	6.30*	Y		mitre	98
mitre 98.9.3	6.31	P		mitre	98
mitre 98.9.3	6.33	P		mitre	98
mitre 98.9.3	6.34	P		mitre	98
mitre 98.9.3	6.35	E		mitre	98
mitre 98.9.3	6.36	P		mitre	98

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mitre 98.9.3	6.40*	P		mitre	98
mitre 98.9.3	7.1	E		mitre	98
mitre 98.9.3	7.2	E		mitre	98
mitre 98.9.3	7.5	E		mitre	98
mitre 98.9.3	7.7	E		mitre	98
mitre 98.9.3	7.10*	P		mitre	98
mitre 98.9.3	7.11	P		mitre	98
mitre 98.9.3	7.12	E		mitre	98
mitre 98.9.3	7.13	P		mitre	98
mitre 98.9.3	7.14	P		mitre	98
mitre 98.9.3	7.16	P		mitre	98
mitre 98.9.3	7.17	E		mitre	98
mitre 98.9.3	7.18	P		mitre	98
mitre 98.9.3	7.24	E		mitre	98
mitre 98.9.3	7.25	P		mitre	98
mitre 98.9.3	7.27	P		mitre	98
mitre 98.9.3	7.30*	E		mitre	98
mitre 98.9.3	7.32	P		mitre	98
mitre 98.9.3	7.35	E		mitre	98
mitre 98.9.3	7.37	E		mitre	98
mitre 98.9.3	7.43	E		mitre	98
mitre 98.9.3	7.44	E		mitre	98
mitre 98.9.3	7.45	P		mitre	98
mitre 98.9.3	7.46	E		mitre	98
mitre 98.9.3	7.47	E		mitre	98
mitre 98.9.3	7.51	P		mitre	98
mitre 98.9.3	7.52	P		mitre	98
mitre 98.9.3	7.57	P		mitre	98
mitre 98.9.3	7.58	P		mitre	98
mitre 98.9.3	7.61	E		mitre	98
mitre 98.9.3	7.62	E		mitre	98
mitre 98.9.3	7.65	E		mitre	98
mitre 98.9.3	7.66	E		mitre	98
mitre 98.9.3	7.69	E		mitre	98
mitre 98.9.3	7.70*	P		mitre	98
mitre 98.9.3	7.77	E		mitre	98
mitre 98.9.3	7.77	E		mitre	98
mitre 98.9.3	7.78	E		mitre	98
AFAST	1.7	E		NASA	
AFAST	1.9	E		NASA	
AFAST	1.10*	E		NASA	
AFAST	1.11	E		NASA	
AFAST	1.12	P		NASA	
AFAST	1.13	E		NASA	
AFAST	1.14	E		NASA	
AFAST	1.15	Y		NASA	
AFAST	1.16	Y		NASA	
AFAST	1.17	E		NASA	
AFAST	1.19	P		NASA	
AFAST	1.21	E		NASA	
AFAST	1.22	E		NASA	
AFAST	1.23	E		NASA	
AFAST	1.24	E		NASA	
AFAST	1.26	E		NASA	
AFAST	1.28	E		NASA	
AFAST	1.30*	E		NASA	
AFAST	1.32	E		NASA	
AFAST	1.33	P		NASA	
AFAST	1.34	Y		NASA	
AFAST	1.35	E		NASA	

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AFAST	1.37	E		NASA	
AFAST	3.3	E		NASA	
AFAST	3.5	P		NASA	
AFAST	3.10*	Y		NASA	
AFAST	3.25	E		NASA	
AFAST	3.31	E		NASA	
AFAST	3.32	E		NASA	
AFAST	3.39	E		NASA	
AFAST	4.2	Y		NASA	
AFAST	4.4	E		NASA	
AFAST	4.5	Y		NASA	
AFAST	4.8	E		NASA	
AFAST	4.9	Y		NASA	
AFAST	4.11	E		NASA	
AFAST	4.12	E		NASA	
AFAST	4.16	E		NASA	
AFAST	4.18	E		NASA	
AFAST	4.20*	Y		NASA	
AFAST	4.21	Y		NASA	
AFAST	4.22	E		NASA	
AFAST	4.24	E		NASA	
AFAST	4.25	P		NASA	
AFAST	4.26	Y		NASA	
AFAST	4.27	E		NASA	
AFAST	4.28	P		NASA	
AFAST	4.29	P		NASA	
AFAST	4.32	P		NASA	
AFAST	4.35	E		NASA	
AFAST	4.38	P		NASA	
AFAST	4.40*	P		NASA	
AFAST	4.41	P		NASA	
AFAST	4.42	E		NASA	
AFAST	4.43	Y		NASA	
AFAST	4.44	Y		NASA	
AFAST	4.45	E		NASA	
AFAST	4.46	Y		NASA	
AFAST	4.48	E		NASA	
AFAST	4.49	E		NASA	
AFAST	4.50*	E		NASA	
AFAST	4.52	E		NASA	
AFAST	4.55	P		NASA	
AFAST	4.56	E		NASA	
AFAST	4.57	E		NASA	
AFAST	4.66	E		NASA	
APATH	1.2	Y	APATH is an airborne system taking over some ground responsibilities	NASA	
APATH	1.10*	Y	APATH directly supports Free Flight	NASA	
APATH	1.15	E	APATH has potential to keep controllers workload constant	NASA	
APATH	1.16	E	APATH has potential to keep controllers workload constant	NASA	
APATH	1.23	E	APATH needs data on airspace	NASA	
APATH	1.37	E	APATH gives cockpit information to help prioritization and scheduling collaboration with service providers	NASA	
APATH	2.1	Y	flight planning collaborative with user	NASA	
APATH	2.4	E	interactive aids to obtain NAS information for flight planning	NASA	
APATH	2.7	E	access to information via NAS-wide information system	NASA	
APATH	2.10*	Y	APATH allows planning for real-time updates	NASA	
APATH	2.11	Y	flight planner interacts with NAS-wide information system to create flight profile	NASA	

Program Name	Requirement	Rating	Notes		
APATH	2.12	Y	flight planner interacts, in real-time, with NAS-wide information system to create flight profile	NASA	
APATH	2.14	Y	information can be added during planning or actual flight	NASA	
APATH	2.15	Y	available to flight planner are weather, traffic density, and SUA's	NASA	
APATH	2.16	E	flight profile automatically checked against restrictions	NASA	
APATH	2.17	Y	potential problems revealed by flight planner are displayed	NASA	
APATH	3.10*	E	flight object updating improves real-time planning for user and service provider	NASA	
APATH	3.15	E	real-time data disseminated to users	NASA	
APATH	3.24	E	system provides complete data connectivity	NASA	
APATH	3.25	E	system provides access to airport environment (weather and aircraft conditions)	NASA	
APATH	3.37	E	automated planning process shares information with surface situation monitoring systems	NASA	
APATH	4.5	E	automatic exhange of information between flight deck and ground decision support	NASA	
APATH	4.8	E	NAS infrastructure status shared with flight deck	NASA	
APATH	4.66	Y	flexible departure routes possible; more aircraft with advanced nav systems	NASA	
APATH	4.68	Y	advance coordination of planned departure routes during pre-flight	NASA	
APATH	5.1	Y	APATH allows unconstrained en route airspace structures and boundary restrictions	NASA	
APATH	5.2	Y	APATH is a decision support tool for flow management	NASA	
APATH	5.6.1	Y	APATH allows non-structured route system	NASA	
APATH	5.11	Y	decision support allows more aircraft to operate on routes with most favorable winds	NASA	
APATH	5.15	P	additional pilot intent and aircraft performance are provided to decision support systems	NASA	
APATH	5.30*	E	decision support allows significant improvement in en route separation	NASA	
APATH	5.35	Y	decision support assists in conflict detection and resolution	NASA	
APATH	5.37	Y	early conflict identification allows user to fly proposed trajectory with higher frequency	NASA	
APATH	5.63	P	providers work with pilot to replan trajectories	NASA	
CAP	1.10*	P	collaboration between airline center and providers moves toward Free Flight	NASA	
CAP	1.23	E	NAS-wide info system provides information for both user and service provider planning	NASA	
CAP	1.24	E	NAS-wide info system allows greater data exchange between user and service provider	NASA	
CAP	1.30*	P	system allows increased user / service provider collaboration	NASA	
CAP	1.37	E	users and service providers collaborate prioritization and scheduling for NAS infrastructure	NASA	
CAP	3.3	Y	increased collaboration between users and service providers gives better picture of airspace and minimizes ground delay of arrivals and departures	NASA	
CAP	3.10*	Y	continuous updating of flight object allows improved collaborative decision making	NASA	
CAP	3.15	Y	aeronautical information from providers is disseminated to users to aid in flight operations planning and conduct	NASA	
CAP	3.24	Y	system processes and displays allow complete connectivity between service providers and users	NASA	
CAP	3.25	P	CAP system allows sharing of information for planning	NASA	
CAP	3.30*	P	CAP system includes sharing of information	NASA	
CAP	3.39	E	for arrivals, decision support systems considers gate to minimize taxi time	NASA	
CAP	4.5	E	automatic exchange of info between flight deck and ground-based deicions support systems assists with arrival trajectories	NASA	

Program Name	Requirement	Rating	Notes		
CAP	4.7	Y	shared access to NAS information system allows automated exchange of gate and runway preference	NASA	
CAP	4.8	E	NAS status information for arrival operations shared with flight deck	NASA	
CAP	4.14	E	pre-defined data link messages passed to equipped aircraft	NASA	
CAP	4.42	P	user runway assignment preference included in assignment process	NASA	
CAP	4.58	E	providers and national traffic management solicit user input concerning flow constraints	NASA	
CPTP	1.7	P		NASA	
CPTP	1.12	P		NASA	
CPTP	1.13	P		NASA	
CPTP	1.14	P		NASA	
CPTP	1.15	P		NASA	
CPTP	1.16	P		NASA	
CPTP	1.17	P		NASA	
CPTP	1.21	P		NASA	
CPTP	1.25	P		NASA	
CPTP	1.26	P		NASA	
CPTP	1.28	P		NASA	
CPTP	1.32	P		NASA	
CPTP	1.33	P		NASA	
CPTP	1.34	P		NASA	
CPTP	1.37	P		NASA	
CPTP	5.2	Y		NASA	
CPTP	5.3	P		NASA	
CPTP	5.4	P		NASA	
CPTP	5.8	P		NASA	
CPTP	5.10*	Y		NASA	
CPTP	5.11	Y		NASA	
CPTP	5.30*	Y		NASA	
CPTP	5.37	P		NASA	
CPTP	5.38	P		NASA	
CPTP	5.46	P		NASA	
CPTP	5.49	P		NASA	
CPTP	5.50*	P		NASA	
CPTP	5.51	P		NASA	
CPTP	5.53	P		NASA	
CPTP	5.55	P		NASA	
CPTP	5.56	P		NASA	
CPTP	5.57	P		NASA	
CPTP	5.58	P		NASA	
CPTP	5.59	P		NASA	
CPTP	5.60*	P		NASA	
CPTP	5.61	P		NASA	
CPTP	5.62	P		NASA	
CPTP	5.63	P		NASA	
CPTP	5.64	P		NASA	
CPTP	5.66	P		NASA	
EDA	1.10*	P	Free Flight technologies and structures	NASA	
EDA	1.16	Y	constant controller workload through automation aids	NASA	
EDA	1.17	Y	air safety through conflict detection / resolution tools	NASA	
EDA	1.20*	P	separation assurance from service provider	NASA	
EDA	1.30*	Y	increases collaboration between users and providers for problem resolution	NASA	
EDA	1.32	P	automation aids allow elimination of flight strips	NASA	
EDA	1.33	Y	decision support provide heuristics to support providers	NASA	
EDA	1.34	Y	decision support tools reduce routine tasks	NASA	
EDA	1.39	E	weather tools integrated into decision support tools	NASA	

Program Name	Requirement	Rating	Notes		
EDA	5.1	P	EDA helps airspace structures and boundary restrictions be unconstrained	NASA	
EDA	5.2	Y	improved decision support for conflicts	NASA	
EDA	5.3	Y	optimum descent profiles	NASA	
EDA	5.5	Y	EDA automation enables airspace structure flexibility and reduced boundary restrictions	NASA	
EDA	5.10*	Y	EDA is a decision support system for safe and effective traffic solutions	NASA	
EDA	5.11	Y	decision support allows routes with most favorable winds	NASA	
EDA	5.18	P	EDA allows user-preferred trajectories	NASA	
EDA	5.30*	Y	EDA is a decision support system for en route separation assurance	NASA	
EDA	5.34	E	service providers continue to maintain separation	NASA	
EDA	5.35	Y	decision support assists in conflict detection and resolutions	NASA	
EDA	5.37	Y	EDA improves provider's ability to identify conflicts	NASA	
EDA	5.42	Y	service providers continue to maintain separation	NASA	
EDP	1.7	E		NASA	
EDP	1.9	E		NASA	
EDP	1.11	E		NASA	
EDP	1.12	E		NASA	
EDP	1.14	E		NASA	
EDP	1.16	E		NASA	
EDP	1.17	E		NASA	
EDP	1.19	E		NASA	
EDP	1.22	E		NASA	
EDP	1.23	E		NASA	
EDP	1.24	E		NASA	
EDP	1.26	E		NASA	
EDP	1.28	E		NASA	
EDP	1.30*	E		NASA	
EDP	1.32	E		NASA	
EDP	1.33a	P		NASA	
EDP	1.33b	P		NASA	
EDP	1.34	E		NASA	
EDP	1.36	E		NASA	
EDP	1.37	E		NASA	
EDP	3.3	P		NASA	
EDP	3.5	P		NASA	
EDP	3.6	E		NASA	
EDP	3.7	E		NASA	
EDP	3.8	E		NASA	
EDP	3.9	E		NASA	
EDP	3.10*			NASA	
EDP	3.11	E		NASA	
EDP	3.12	Y		NASA	
EDP	3.21	Y		NASA	
EDP	3.23	E		NASA	
EDP	3.25	P		NASA	
EDP	3.28	E		NASA	
EDP	3.31	E		NASA	
EDP	3.32	E		NASA	
EDP	3.33	E		NASA	
EDP	3.36	E		NASA	
EDP	3.37	E		NASA	
EDP	3.38	Y		NASA	
EDP	3.40*	E		NASA	
EDP	3.42	E		NASA	
EDP	3.44	E		NASA	
EDP	4.2	E		NASA	
EDP	4.3	E		NASA	

Program Name	Requirement	Rating	Notes		
EDP	4.8	E		NASA	
EDP	4.18	E		NASA	
EDP	4.21	P		NASA	
EDP	4.22	E		NASA	
EDP	4.25	E		NASA	
EDP	4.26	E		NASA	
EDP	4.28	E		NASA	
EDP	4.29	P		NASA	
EDP	4.38	Y		NASA	
EDP	4.39	Y		NASA	
EDP	4.42	E		NASA	
EDP	4.46	P		NASA	
EDP	4.48	E		NASA	
EDP	4.49	E		NASA	
EDP	4.50*	P		NASA	
EDP	4.52	E		NASA	
EDP	4.55	E		NASA	
EDP	4.56	E		NASA	
EDP	4.57	E		NASA	
EDP	4.66	P		NASA	
EDP	4.68	P		NASA	
EDP	5.56	E		NASA	
EDP	5.61	E		NASA	
EDP	5.62	E		NASA	
EDP	5.63	E		NASA	
EDP	5.66	P		NASA	
FF COM	1.5	P		NASA	
FF COM	1.7	P		NASA	
FF COM	1.9	Y		NASA	
FF COM	1.10*	P		NASA	
FF COM	1.15	P		NASA	
FF COM	1.16	P		NASA	
FF COM	1.17	P		NASA	
FF COM	1.19	P		NASA	
FF COM	1.21	P		NASA	
FF COM	1.22	P		NASA	
FF COM	1.23	P		NASA	
FF COM	1.24	P		NASA	
FF COM	1.25	P		NASA	
FF COM	1.28	P		NASA	
FF COM	1.29	P		NASA	
FF COM	1.30*	P		NASA	
FF COM	1.33	P		NASA	
FF COM	1.38	P		NASA	
FF COM	2.2	P		NASA	
FF COM	2.7	P		NASA	
FF COM	2.10*	P		NASA	
FF COM	2.11	P		NASA	
FF COM	2.12	P		NASA	
FF COM	2.13	P		NASA	
FF COM	2.14	P		NASA	
FF COM	2.15	P		NASA	
FF COM	2.16	P		NASA	
FF COM	2.17	P		NASA	
FF COM	2.20*	P		NASA	
FF COM	2.21	P		NASA	
FF COM	2.22	P		NASA	
FF COM	3.3	P		NASA	
FF COM	3.5	P		NASA	
FF COM	3.18	P		NASA	

Program Name	Requirement	Rating	Notes		
FF COM	3.19	P		NASA	
FF COM	3.20*	P		NASA	
FF COM	3.30*	Y		NASA	
FF COM	4.3	P		NASA	
FF COM	4.11	P		NASA	
FF COM	4.12	P		NASA	
FF COM	4.39	P		NASA	
FF COM	4.60*	P	study addresses satellite com (including navigation)	NASA	
FF COM	4.61	P	study addresses satellite com (including navigation)	NASA	
FF COM	4.62	P	study addresses satellite com (including navigation)	NASA	
FF COM	5.7	P	study addresses satellite com (including navigation)	NASA	
FF COM	5.14	P	study addresses satellite com (including navigation)	NASA	
FF COM	5.20*	P	study addresses satellite com (including navigation)	NASA	
FF COM	5.41	P	study addresses satellite com (including navigation)	NASA	
FF COM	5.60*	P		NASA	
FF COM	6.13	P	study addresses satellite com (including navigation)	NASA	
FF COM	6.14	P		NASA	
FF COM	6.24	P	study addresses satellite com (including navigation)	NASA	
NSAT	1.7	P		NASA	
NSAT	1.10*	P		NASA	
NSAT	1.11	P		NASA	
NSAT	1.12	P		NASA	
NSAT	1.15	P		NASA	
NSAT	1.16	P		NASA	
NSAT	1.17	P		NASA	
NSAT	1.26	P		NASA	
NSAT	1.32	P		NASA	
NSAT	1.33	P		NASA	
NSAT	3.3	P		NASA	
NSAT	3.5	P		NASA	
NSAT	3.7	Y		NASA	
NSAT	3.8	P		NASA	
NSAT	3.11	Y		NASA	
NSAT	3.12	P		NASA	
NSAT	3.21	P		NASA	
NSAT	3.23	P		NASA	
NSAT	3.25	P		NASA	
NSAT	3.32	E		NASA	
NSAT	3.33	Y		NASA	
NSAT	3.36	Y		NASA	
NSAT	3.37	P		NASA	
NSAT	3.38	P		NASA	
NSAT	3.39	P		NASA	
NSAT	3.40*	E		NASA	
NSAT	3.42	E		NASA	
NSAT	3.43	P		NASA	
NSAT	3.44	E		NASA	
NSAT	3.45	P		NASA	
NSAT	4.2	P		NASA	
NSAT	4.9	P		NASA	
NSAT	4.41	P		NASA	
NSAT	4.42	P		NASA	
P-FAST	1.10*	P		NASA	
P-FAST	1.14	P		NASA	
P-FAST	1.15	P		NASA	
P-FAST	1.16	P		NASA	
P-FAST	1.17	P		NASA	
P-FAST	1.26	P		NASA	
P-FAST	1.27	P		NASA	
P-FAST	1.28	P		NASA	

Program Name	Requirement	Rating	Notes		
P-FAST	1.33	P		NASA	
P-FAST	1.34	P		NASA	
P-FAST	4.5	Y		NASA	
P-FAST	4.9	Y		NASA	
P-FAST	4.20*	Y		NASA	
P-FAST	4.21	P		NASA	
P-FAST	4.25	Y		NASA	
P-FAST	4.38	P		NASA	
P-FAST	4.40*	Y		NASA	
P-FAST	4.43	Y		NASA	
P-FAST	4.44	P		NASA	
P-FAST	4.46	Y		NASA	
P-FAST	4.48	P		NASA	
P-FAST	4.49	Y		NASA	
P-FAST	4.50*	Y		NASA	
P-FAST	4.55	P		NASA	
P-FAST	4.57	E		NASA	
P-FAST	4.58	E		NASA	
SMA	1.7	P		NASA	
SMA	1.10*	P		NASA	
SMA	1.11	P		NASA	
SMA	1.12	P		NASA	
SMA	1.15	P		NASA	
SMA	1.16	P		NASA	
SMA	1.17	P		NASA	
SMA	1.26	P		NASA	
SMA	1.32	P		NASA	
SMA	1.33	P		NASA	
SMA	3.3	P		NASA	
SMA	3.5	P		NASA	
SMA	3.7	Y		NASA	
SMA	3.8	P		NASA	
SMA	3.11	Y		NASA	
SMA	3.12	P		NASA	
SMA	3.21	P		NASA	
SMA	3.23	P		NASA	
SMA	3.25	P		NASA	
SMA	3.32	E		NASA	
SMA	3.33	Y		NASA	
SMA	3.36	Y		NASA	
SMA	3.37	P		NASA	
SMA	3.38	P		NASA	
SMA	3.39	P		NASA	
SMA	3.40*	E		NASA	
SMA	3.42	E		NASA	
SMA	3.43	P		NASA	
SMA	3.44	E		NASA	
SMA	3.45	P		NASA	
TMA	1.10*	P		NASA	
TMA	1.14	P		NASA	
TMA	1.15	P		NASA	
TMA	1.16	P		NASA	
TMA	1.17	P		NASA	
TMA	1.26	P		NASA	
TMA	1.27	P		NASA	
TMA	1.28	P		NASA	
TMA	1.33	P		NASA	
TMA	1.34	P		NASA	
TMA	4.5	Y		NASA	
TMA	4.9	Y		NASA	

Program Name	Requirement	Rating	Notes		
TMA	4.20*	Y		NASA	
TMA	4.21	P		NASA	
TMA	4.25	Y		NASA	
TMA	4.38	P		NASA	
TMA	4.40*	Y		NASA	
TMA	4.43	Y		NASA	
TMA	4.44	P		NASA	
TMA	4.46	Y		NASA	
TMA	4.48	P		NASA	
TMA	4.49	Y		NASA	
TMA	4.50*	Y		NASA	
TMA	4.55	P		NASA	
TMA	4.57	E		NASA	
TMA	4.58	E		NASA	

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Rockwell International Corp. Air transport G/A GOVT systems		Customer Services M/S 112-110 Collins Air Transport Division Rockwell International Corporation 400 Collins Road NE Cedar Rapids, Iowa 52498-0001	Product Managers (319) 295-5000	http://www3.collins.rockwell.com/government-systems/ www.cca.rockwell.com www.rockwell.com
Rockwell		Address: P.O. Box 833807 Richardson, Texas 75083-3807	Operator Phone: (972)705-0000 Main Fax: (972)705-3398	Product Information Hotline voice:(800)321-2223 fax:(319)295-4777 or collins@collins.rockwell.com
Sandia National Laboratories	PO Box 5800 Albuquerque, NM 87185-(mail stop)			
Science Applications International Corporation	10260 Campus Point Drive San Diego, CA 92121		(619) 546-6000 phone (619) 546-6800 fax	
SCS Engineering, Inc.	23430 Hawthorne Boulevard,		Phone: (310)373-4243 FAX: (310)373-0883	

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Sierra Technologies, Incorporated	Buffalo, New York		http://www.stisierra.com/contact.htm	
SIGCOM	Greensboro, North Carolina		http://www.sigcom.com/	
Sinclair Technologies, Incorporated	55 Oriskany Dr. Tonawanda, NY 14150		Tel: (800) 288-2763 Tel: (716) 874-3682 Fax: (716) 874-4007	
Smiths Industries Aerospace Civil Systems	4141 Eastern Avenue SE, Grand Rapids, Michigan 49518-872,USA	D.M. Grady Vice President, Grand Rapids - Civil	Tel: +1 616 241 7000 Fax: +1 616 241 7533	
Software Engineering Institute	Pittsburgh, Pennsylvania		Information on SEi Services +1-412-268-5800 customer-relations@sei.cmu.edu	
Stanford Telecommunications	1761 Business Center Drive Reston, VA 20190		Telephone: (703) 438-8000	
Sun Microsystems Federal, Incorporated	Mountain View, California		http://www.sunlabs.com/feedback.html	
Sylvest Management Systems Corporation	7501Greenway Center Drive, Suite 1000, Greenbelt, MD 20770		Voice: (888) 321-OPEN Fax: (301) 220-1365	
Teledyne Controls	10367Brecksville Road Brecksville, Ohio 44141		Email, tfsinfo@teledynefluid.com Phone (440) 526-5900, Fax (440) 838-7684	
Telephonics	Corporate Headquarters 815 Broad Hollow Road Farmingdale, New York 11735		Phone: (516) 755-7000 Fax: (516) 755-7010	Communications Systems Division Phone: (516) 549-6063 Fax: (516) 755-6095 sesposito@telephonics.com Command Systems Division Phone: (516) 755-7296 Fax: (516) 755-7644 mcanders@telephonics.com TLSI Division Phone: (516) 755-7005 Fax: (516) 755-7626 jpowder@tlsi.com
Texas Instruments	Po box 655474 13510 N.		Tel (972)995-2011 Fax (972)995-4360	www.ti.com

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The Aerospace Corporation	2350 E. El Segundo Blvd. El Segundo, CA 90245-4691 Mail: P.O. Box 92957 Los Angeles, CA 90009-2957		(310) 336-5000, Fax: (310) 336-7055	
The Analytic Sciences Corporation	12740 South Route 83 Crestwood, IL 60445		ansci@compuserve.com Phone: (708) 499-7080 * Fax: (708) 389-6274	
The Charles Stark Draper Laboratory, Inc.	555 Technology Square Cambridge, MA 02139-3563		Telephone: (617) 258-1000	
Titan Corporation	McLean, Virginia		corpcomm@titan.com	
TRACOR Corporation	Ft Walton Beach, Florida		http://www.gec-marconi.com/cont_fr.htm	
Trimble Navigation Systems	Austin, Texas		http://www.trimble.com/cgi/feedback.cgi	
TRW, Incorporated	TRW Communications 1900Richmond RoadCleveland, Ohio 44124		Ph (216) 291-7000 Fax (216) 291-7115	www.trw.com
UNISYS	Cambridge, Massachusetts		1800-847-8647	
Westinghouse electric Science and technology center	1310 beulah road pittsburgh, pa 15235	Howard J. Bruschi V.P. of STC	Info@isdsa.pgh.wec.com	
Wichita State University Ph: 1-800-NIARWSU	1845 North Fairmount Wichita, KS 67260-0093	David Ellis, Director, Research and Development	dellis@wsuhub.uc.twsu.edu (316) 978-6427 Fax (316) 978-3175	National Institute for Aviation Research