

Request for Records Disposition Authority

Records Schedule Number DAA-0237-2020-0002

Schedule Status Approved

Agency or Establishment Federal Aviation Administration

Record Group / Scheduling Group Records of the Federal Aviation Administration

Records Schedule applies to Agency-wide

Schedule Subject Automatic Dependent Surveillance - Broadcast (ADS-B) Service
Availability Prediction Tool (SAPT)

Internal agency concurrences will be provided No

Background Information

The ADS-B SAPT predicts whether the GPS constellation will support, for a particular route of flight and avionics, position information which has the needed accuracy and integrity for surveillance (ADS-B) or navigation (RAIM).

The Federal Aviation Administration (FAA) finds it is necessary that pilots, dispatchers, and commercial operators meet the minimum position accuracy and integrity performance requirements to operate in ADS-B-designated airspace.

SAPT is an Internet-accessible (web-based) application with multiple interfaces for predicting, for a given flight plan, whether or not an ADS-B surveillance meeting specified standards are available for the duration of the flight. The SAPT prediction is based upon: (1) the time, route, and airspace of the planned flight; (2) ADS-B-related avionics on the subject aircraft; and (3) the announced status of the Global Positioning System (GPS) satellite constellation. If the GPS position is not accurate enough for ADS-B surveillance, SAPT can check for backup surveillance.

Item Count

Number of Total Disposition Items	Number of Permanent Disposition Items	Number of Temporary Disposition Items	Number of Withdrawn Disposition Items
8	0	8	0

GAO Approval

Outline of Records Schedule Items for DAA-0237-2020-0002

Sequence Number	
1	Aircraft Performance File Disposition Authority Number: DAA-0237-2020-0002-0001
2	Enroute and Terminal Airspaces Disposition Authority Number: DAA-0237-2020-0002-0002
3	Short Term Outages Disposition Authority Number: DAA-0237-2020-0002-0003
4	RAIM Short Term Outage Information Disposition Authority Number: DAA-0237-2020-0002-0004
5	Internal reports Disposition Authority Number: DAA-0237-2020-0002-0005
6	Predictions for routes of flight Disposition Authority Number: DAA-0237-2020-0002-0006
7	Predictions for routes of flight (short-term) Disposition Authority Number: DAA-0237-2020-0002-0007
8	State File Disposition Authority Number: DAA-0237-2020-0002-0008

Records Schedule Items

Sequence Number	
1	<p>Aircraft Performance File</p> <p>Disposition Authority Number DAA-0237-2020-0002-0001</p> <p>Service Volume Description Document (SVDD), Aircraft Performance File, GPS Almanac, ADS-B Performance Monitor, User Input, United States Coast Guard Navigation Center (NAVCEN)</p> <p>Final Disposition Temporary</p> <p>Item Status Active</p> <p>Is this item media neutral? Yes</p> <p>Do any of the records covered by this item currently exist in electronic format(s) other than e-mail and word processing? Yes</p> <p>Do any of the records covered by this item exist as structured electronic data? No</p> <p>Disposition Instruction</p> <p>Cutoff Instruction Cutoff annually by CY.</p> <p>Retention Period Destroy 3 year(s) after cutoff</p> <p>Additional Information</p> <p>GAO Approval Not Required</p>
2	<p>Enroute and Terminal Airspaces</p> <p>Disposition Authority Number DAA-0237-2020-0002-0002</p> <p>Enroute and Terminal Airspaces, Aircraft Altitude Profile, United States Coast Guard Navigation Center (NAVCEN) Notices To Airmen (NOTAMs), Sensor Status, Notice to Airman (NOTAMS), Route of flight aviatonic Technical Standard Orders (TSOs) for navigation, State File.</p> <p>Final Disposition Temporary</p> <p>Item Status Active</p> <p>Is this item media neutral? Yes</p> <p>Do any of the records covered by this item currently exist in electronic format(s) other than e-mail and word processing? Yes</p>

3	Do any of the records covered by this item exist as structured electronic data?	No
	Disposition Instruction	
	Cutoff Instruction	Cutoff annually by CY.
	Retention Period	Destroy 3 year(s) after cutoff
	Additional Information	
	GAO Approval	Not Required
	Short Term Outages	
	Disposition Authority Number	DAA-0237-2020-0002-0003
	ADS-B Graphic outage Information (web page, kml format for Google Earth) Receiver Autonomous Integrity Monitoring (RAIM) Graphic Outage Information (web page, kml format for Google Earth), RAIM Summary Outage Information (web page), Log Files.	
	Final Disposition	Temporary
	Item Status	Active
	Is this item media neutral?	Yes
	Do any of the records covered by this item currently exist in electronic format(s) other than e-mail and word processing?	Yes
	Do any of the records covered by this item exist as structured electronic data?	No
	Disposition Instruction	
Cutoff Instruction	Cutoff annually by CY.	
Retention Period	Destroy 3 year(s) after cutoff	
Additional Information		
GAO Approval	Not Required	
4	RAIM Short Term Outage Information	
	Disposition Authority Number	DAA-0237-2020-0002-0004
	Locations.dat.,contains the grid mask for outages calculations. Resolution is set to .5 degree lat/long. Capital cities and tier 1 airports included. locations_highres.dat, contains the grid mask for outages calculations at higher resolution than the legacy version. Resolution is set to .125 degrees. Outages.dat,contains records defining predicted periods of GPS	

RAIM unavailability. Resolution of the outages is set to .5 degree lat/long. outages_highres.dat, contains records which define predicted periods of GPS RAIM unavailability. Resolution of the outages is set to .125 degrees lat/long. last_outages.dat: contains a Unix timestamp number that is updated after completion of 24+ hours of outages calculation. Its intended use is for a client to determine if the outages files (outages.dat, outages_highres.dat) on the server has been updated and may be requested.

Final Disposition Temporary

Item Status Active

Is this item media neutral? Yes

Do any of the records covered by this item currently exist in electronic format(s) other than e-mail and word processing? Yes

Do any of the records covered by this item exist as structured electronic data? No

Disposition Instruction

Cutoff Instruction Cutoff annually by CY.

Retention Period Destroy 3 year(s) after cutoff

Additional Information

GAO Approval Not Required

Internal reports

Disposition Authority Number DAA-0237-2020-0002-0005

Internal reports of aggregated use statistics

Final Disposition Temporary

Item Status Active

Is this item media neutral? Yes

Do any of the records covered by this item currently exist in electronic format(s) other than e-mail and word processing? Yes

Do any of the records covered by this item exist as structured electronic data? No

Disposition Instruction

Cutoff Instruction Cutoff annually by CY.

Retention Period Destroy 3 year(s) after cutoff

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6	Additional Information	
	GAO Approval	Not Required
	Predictions for routes of flight	
	Disposition Authority Number	DAA-0237-2020-0002-0006
	ADS-B SAPT Web REsponse - stored as transaction/route/waypoint records),	
	Final Disposition	Temporary
	Item Status	Active
	Is this item media neutral?	Yes
	Do any of the records covered by this item currently exist in electronic format(s) other than e-mail and word processing?	Yes
	Do any of the records covered by this item exist as structured electronic data?	No
	Disposition Instruction	
	Cutoff Instruction	Cutoff annually by CY.
Retention Period	Destroy 3 year(s) after cutoff	
7	Additional Information	
	GAO Approval	Not Required
	Predictions for routes of flight (short-term)	
	Disposition Authority Number	DAA-0237-2020-0002-0007
	Backend eXtensible Markup Language (XML, a template for one code to another) transaction to the RAIM module of SAPT which is an organized text file that people can write other computer programs that make use of SAPT.	
	Final Disposition	Temporary
	Item Status	Active
	Is this item media neutral?	Yes
	Do any of the records covered by this item currently exist in electronic format(s) other than e-mail and word processing?	Yes
	Do any of the records covered by this item exist as structured electronic data?	No
	Disposition Instruction	

8	Cutoff Instruction	Cutoff annually by CY.
	Retention Period	Destroy 3 year(s) after cutoff
	Additional Information	
	GAO Approval	Not Required
	State File	
	Disposition Authority Number	DAA-0237-2020-0002-0008
	Satellite constellation file	
	Final Disposition	Temporary
	Item Status	Active
	Is this item media neutral?	Yes
	Do any of the records covered by this item currently exist in electronic format(s) other than e-mail and word processing?	Yes
	Do any of the records covered by this item exist as structured electronic data?	No
	Disposition Instruction	
	Cutoff Instruction	Cutoff annually by CY.
	Retention Period	Destroy 3 year(s) and month(s) after
Additional Information		
GAO Approval	Not Required	

Agency Certification

I hereby certify that I am authorized to act for this agency in matters pertaining to the disposition of its records and that the records proposed for disposal in this schedule are not now needed for the business of the agency or will not be needed after the retention periods specified.

Signatory Information

Date	Action	By	Title	Organization
06/04/2020	Certify	Richard Allen	Records manager	FAA - FAA
09/10/2020	Return for Revision	Carly Docca	Archives Specialist	National Archives and Records Administration - ACRA
10/02/2020	Submit For Certification	Michael Mayfield	Management and Program Assistant	Air Traffic Organization - AJG Management Services
11/06/2020	Certify	Richard Mattison	Agency Records Officer (ARO) FAA	Department of Transportation - Federal Aviation Admin
03/10/2021	Return for Revision	Carly Docca	Archives Specialist	National Archives and Records Administration - ACRA
03/10/2021	Submit For Certification	Michael Mayfield	Management and Program Assistant	Air Traffic Organization - AJG Management Services
03/11/2021	Certify	Richard Allen	Records manager	FAA - FAA
04/06/2021	Return for Revision	Carly Docca	Archives Specialist	National Archives and Records Administration - ACRA
05/03/2021	Submit For Certification	Richard Allen	Records manager	FAA - FAA
05/03/2021	Certify	Richard Allen	Records manager	FAA - FAA
11/11/2021	Submit for Concurrence	Carly Docca	Archives Specialist	National Archives and Records Administration - ACRA
11/19/2021	Return to Submitter	Margaret Hawkins	Director of Records Management Services	National Records Management Program - ACNR Records Management Services

11/22/2021	Submit for Concurrency	Carly Docca	Archives Specialist	National Archives and Records Administration - ACRA
12/01/2021	Concur	Margaret Hawkins	Director of Records Management Services	National Records Management Program - ACNR Records Management Services
12/01/2021	Concur	Laurence Brewer	Chief Records Officer	National Records and Archives Administration - National Records and Archives Administration
12/02/2021	Approve	David Ferriero	Archivist of the United States	Office of the Archivist - Office of the Archivist