



Extended Service Volume Management System 12.0.0 User Manual For the

FAA- Spectrum Engineering Automation System (SEAS) Support for

Spectrum Engineering Services Organization (AJW-15)

Contract No. DTFAWA17A-00053

Version 1.0

July 19, 2022

Contents

1.0.	Overview	5
2.0.	Scope	5
2.1.	ESVMS-Military User Registration	
3.0.	Supported Browsers	
4.0.	Roles	
4.1.		
5.0.	ESVMS Common Functions	
5.1.	ESV Dashboard	
5.2.	View ESV	1
5.3.	Check Status	
5.4.	ESVMS Reports	
5.5.	Available Roles (Selection)	9
6.0.	Help (Access)	9
7.0.	Webmaster Support	9
8.0.	Logout	9
9.0.	ESVMS Requesting Officer Role	9
10.0.	Associate ESV FMO	10
11.0.	Establish ESV	12
12.0.	Revise ESV	13
13.0.	Cancel ESV:	15
14.0.	Edit ESV	17
15.0.	ESV Graphs	17
16.0.	ESVMS Flight Inspection Central Office Role	23
17.0.	Associate ESV	
18.0.	Magnetic Variation	
19.0.	ESVMS Flight Inspection Field Office Role	
19.1	I. FIFO: Evaluate ESV	
20.0.	ESVMS Super Administrator Role	
20.1	I. Super Admin: Admin ESV	
20.2	2. Super Admin: User Security	
20.3	3. Super Admin: Session Tracking	
20.4	4. Super Admin: Upload AFM	

20.5.	Super Admin: Assign ESV	41
20.6.	Super Admin: ESVMS Reports – ESV Statistics	43
Appendix	1: ESVMS Reports Sample and Fields Specification	.45
Appendix	2: ESVMS Details Report	.55

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1.0. Overview

The ESVMS – Extended Service Volume Management System is a workflow management and reference database system. This system is a web-enabled application that supports the modification of Frequency Protected Service Volumes (FPSV) to support the aviation flight procedure design and flight testing pursuant to FAA Instrument Flight Procedures. When Navigation aids are used beyond limitations cited in FAA Order 8260.19H paragraph 2-4-1b through 2-4-3f, an Expanded Service Volume (ESV) for that procedure element is required. An Expanded Service Volume (ESV) is a special volume of airspace, comprising the points or elements being used for navigation, outside the normally specified Frequency Protected Service Volume (FPSV). Each ESV is engineered using the same criteria as for FPSV. FAA Spectrum maintains the authoritative database for all ESVs that are used in the National Airspace System (NAS).

This is maintained because ESVs are not registered in the National Telecommunications and Information Administration (NTIA) Government Master File (GMF).

2.0. Scope

The user is required to register to access the ESVMS application and will be required to enter /select the information like First name, Phone, state, last name, program office and city. The functional roles which can be selected during the login process are Requesting Officer (RO) and Guest (GU). Additional functional roles must be assigned by the ESVMS administrator, following initial account setup.

3.0. ESVMS-Military User Registration

3.1. Registration Process

Step 1: Using the Chrome or Edge browser, open URL: https://esvmsmil.faa.gov

Step 2: The initial web page will be the U.S. Federal System 'Warning' page.

Security Policy

You are accessing a U.S. Government authorized information system, which includes (1) this computer, (2) this computer network, (3) all computers connected to this network, (4) all devices and storage media attached to this network or to a computer on this network, and (5) all cloud servers and hosting environments supporting this information system. This information system is provided for U.S. Government-authorized use only.

Accept

Unauthorized or improper use of this system may result in disciplinary action, as well as civil and criminal penalties.

By logging in and using this information system, you understand and consent to the following:

- You have no reasonable expectation of privacy regarding communications or data transiting or stored on this
 information system.
- At any time, and for any lawful Government purpose, communication between the user and this information system, data transiting to/from the system, or stored on this system is subject to monitoring, interception, and search.
- Any communications or data transiting or stored on this information system may be disclosed or used for any lawful Government purpose.

Step 3: We suggest that you review and accept via the "Accept" button on the right hand corner of the banner.

Step 4: You will be presented the ESVMS MIL home page, at this point, please select and click on the "Login" button.

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Federal Aviati Administratio	on 1		
	Extended Service Vol	ume Management System	
Help			
WebMaster Support		Login to ESVMS	
FAA for	Aeronautical Navigation Products	Our Safety Culture	Stay Connected
Pilots	Airport Diagrams	FAA Mission	Facebook
Mechanics	Airport/Facility Directory (<u>d-A/FD</u>)	The Foundation of Everything We Do	Twitter
Other Aviation Professionals	National Flight Data Center (NFDC)	Regulations & Guidelines	YouTube
Travelers	Terminal Procedures (d-TPP)		Subscribe
Handbooks & Manuals	NextGen Information	Advisory Circulars (<u>ACs</u>) Airworthiness Directives (<u>ADs</u>) – Current Only	Visit FAA Mobile
Aircroft	NextGen	Airwonniness Directives (ADs) – Historical	
Aviation	Performance Snapshots The NextGen Experience	Orders & Notices	
Examiner & Inspector	The NextGen Experience	Temporary Flight Restrictions (TERs)	
	Offices		
Forms	Undersidere Destreet & Fidd	Other Popular FAA Sites	
EAA Forms	Headquarters, Regional, & Field	Airman Inquiny	
National Airports Forms	Flight Standards District Onices (FSDO)	Airmen Online Services	
Trational Approx Forms	Accidents & Incidents		· · · · · · · · · · · · · · · · · · ·

Step 5: You will then be presented with the Okta Registration page where continue with Federal CAC/PIV will be available.

Please Note:

The ESVMS-Military application is for the Military and valid Max.Gov account holders only. Hence the OKTA configuration will be disabled for FAA PIV and External Users, however OKTA will not prevent FAA PIV and External Users login through OKTA screens. After OKTA login, OKTA will provide a HTTP 403 Forbidden response status code indicates that the server understands the request but refuses to authorize it. If non-military user tries to login to ESVMS system, the ESVMS system shall intercept the HTTP 403 message and provide a user message indicating only military login is allowed.

As a military user you are required to click only the 'Continue with Federal CAC/PIV 'button to proceed.

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	Continue with DOT/FAA INV	
	Don't have an account! Sign up	
	Avoid help signing int	
	Technical Support 1 ((S4) FAA: MYT or 1 (S4) 322 (SH4) Peripoleski(Shargon	
You are accessing a U.S. Soverment information system, which includes (1) this computer, (2) this computer national, Government-activated use only. Unauthorado or improper use of this system may result in disciplinity action, as well as dest resultations or stream on the discretion system. If any time, and they will be discretioned more than a computer to stream.	(3) all computers connected to this network, and (4) all devices and storage media attached to this network coll and commanipanatise. By using this information system, you understand and conserts to the following (1).	c or to a computer on this research. This information system is provided for U.S. (You have no reasonable expectation of privacy regarding any communication of a system. (7) Any communications or data tracelline or strend on this information.
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Step 6: Upon clicking the 'Continue with Federal CAC/PIV' button to proceed, the next screen in the process is outlined as shown:

MAX.gov Lo	GIN	Register For A MAX Account	Manage Password	Contact Us
<u>6</u>	Please sign in t	o continue to MAX.gov Home Page. 🕑		
SIGN IN US	SING			
PIV OR CAC CARD	0	MAX.GOV USER ID	0	
Real and the second sec	Plug in Your PIV/CAC Card	User ID User ID (your email address) Password: Your MAX.gov Password	ator App) 🝞	
Continue	e with PIV/CAC	Continue with Use	Password	
MAX AGENCY FEDERAT	ed Partner		0	

Step 7: Upon entering your military email and selecting Federal /CAC card registration, or to register for a new account using the 'Register for a Max account' button on the top, you will be presented with the Max.gov Registration page with two options- Using CAC/PIV card or Using User ID and Password.



Step 8-Registration using email address: The OMB Max process next requests your name and Email Address, followed by your organization and work address details. Clicking "Continue" brings the next page with the User Agreement and Register button for OMB Max.

MAX.gov **Registration**

Registration with My Email Address

Please fill out the registration form below and select the "Continue" button.

Self-registration is available to Federal Government employees and contractors with a Federal Government email address. Federal employees/contractors with a non-government email address as well as non-federal employees performing Federal activities should contact MAXSupport@max.gov or 202-395-6860.

*indicates required fields

User Information

□ Contractor?			
*First Name	M.I.	*Last Name	
*E-Mail			
*Confirm E-Mail			
Organization			
*Work Phone Number			
Work Address			
*Address - Line 1			
Address - Line 2			
*City		*State	
		Select a State	~
*ZIP Code	*Country		
	United States of America	a	~

Continue Cancel



Step 8a: Please agree and click the Register button. The system provides the submission confirmation as below.

MAX Registration Submitted × +		× .	-	ø >	K
\leftrightarrow \rightarrow C $\hat{\mathbf{e}}$ portal.test.max.gov/portal/main/sendRegistrat	tionEmail	¢ 1	• •		:
	MAX Homepage Testing Site				
MAX.g	gov Registration				
MAX 1 You will receive	Registration Submitted an email with further instructions to complete your registration.				
MAX Suppo Email: maxsuppor	D ort 1@max.gov Phone: Weekdays & 30 AM - 9 00 PM EST at 202-385-6850				

Step 8b: You will receive an email from MAX support to create a new password

Contract No. DTFAWA17A-00053

User ID for Accessir We removed extra line breaks fro	ag the MAX Federal Government System
We removed extra line breaks from the break frow	
	ım this message.
****** MAX TEST ENVIRONM	IENT MESSAGE ******* You are receiving this email from the MAX Test environment. Please know that your MAX Production account and access have not been affected.
Dear Sagarika Kondaparthi (<u>sag</u>	arika.ctr.kondaparthi@faa.goy),
Congratulations, you have beer	n granted access to the MAX system. Your MAX User ID will be the email address you provided when you registered: sagarika.ctr.kondaparthi@faa.gov
Please click on this link to creat	e your new password: https://portal.test.max.gov/portal/password/changePasswordForm?token=8bdef875&email=sagarika.ctr.kondaparthi@faa.gov
Password must contain at least Password must contain at least	.8 characters (minimum) , and no more than 32 Characters (maximum). : one of each of the following character types:
* a CAPITAL letter (A-Z),	
 a lowercase letter (a-z), a number (0-9) and 	
* a special character (e.g., !@	\mathfrak{M} $\mathfrak{M}^{*}()_{-} = + [] \{ :, :^{m}, /?^{*}).$
'assword must not include gre	ater than (>) or less than (<) characters
lease contact MAX Support at	maxsupport@max.gov if you have any questions or experience problems.
Thank you!	
The MAX Support Team	
3udget Systems Branch Office of Management and Buc	daet
(202) 395-6860	
Weekday 8:30 AM to 6:30 PM)
Evening support 0.50 r m to 5.	
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	the this site for testing only _DO MOT REGISTER - for access, go to <u>Mine improvident any</u> .
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	MAX.gov Administration Home Manage Password Contact Us Change Password Please complete the form below and select the Submit button. When creating your password please note the following password requirements.
	MAX.gov Administration Home Manage Password Contact Us Change Password Please complete the form below and select the Submit button. When creating your password please note the following password requirements. NOTE: You cannot re-use any of the last 16 passwords.
	MAX.gov Administration Home Manage Password Contact Us Change Password Bease complete the form below and select the Submit button. When creating your password please note the following password requirements. NOTE: You cannot re-use any of the last 16 passwords. • Password must contain at least 8 characters (minimum) and no more than 32 characters (maximum) Bease complete the form below and select the Submit button.
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	Manage Password Contact Us Change Password Contact Us Dease complete the form below and select the Submit button. When creating your password please note the following password requirements. Note: State S
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	Manage Password Contact Us Manage Password Contact Us Character Servers Contact Us Descent on below and select the Submit button. When creating your password please note the following password requirements. Note: Servers NOTE: You cannot re-use any of the last 16 passwords. Servers any of the last 16 passwords (munum) and no more than 32 characters (maximum). Password must contain at least 6 characters (munum) and no more than 32 characters (maximum). Servers any fait. Password must contain at least 6 characters (munum) and no more than 32 characters (maximum). Servers any fait. Password must contain at least 6 characters (munum) and no more than 32 characters (maximum). Servers any fait. Password must contain at least 6 characters (must (munum) and no more than 32 characters (must (munum) and no more
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	MAX.gov Administration Dem Manage Password Contact Us Change Dasswords Descention to the sole of the following board based of the following goard password requirements. Note: a complete the form backward sole of the following four characters (maintum) and no more than 32 characters (maintum) A sesword must contain at least 6 characters (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 characters (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 characters (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 characters (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 characters (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 characters (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 characters (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 characters (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 (minimum) and no more than 32 characters (maintum) A sesword must contain at least 6 (minimum) and no more than 32 characters (maintum) A second must contain at least 6 (minimum) and no more than 32 characters (maintum) A second must contain at least 6 (minimum) and no more than 32 characters (maintum) A second must contain at least 6 (minimum) and more than 32 characters (maintum) A second must contain at least 6 (minimum) A second must contain at least 6 (minimu
	Marge Password Ontable
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Contract No. DTFAWA17A-00053

Registration using my CAC/PIV card

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	T -	MAX Hom lise this site for testing only – DO NOT	epage Testing Site RECESTER – for access, go to <u>information parts and acc</u> ess.							
	MAX.gov Registration	1								
	0000									
	Registration with My	PIV/CAC C	Card							
	User Information									
	Contractor?									
	*First Name	M.L.	"Last Name							
	*E-Mail									
	*Confirm E-Mail									
	Organization									
	"Work Phone Number									

Step 9: Selecting the Register Button completes the entry process, and displays the verification page as an email is sent to the given address for verification with a Verification Code. The emailed verification code must then be entered into the verification page as displayed below:

← → C © Mps//p	wtest.mas.gov/portal/pir/sendConfirmationEmail	ن د	0	0. 19			6	0 0	Sprin	
	MAX Homepage Testing Sile									
	MAX.gov Registration									
	00©0									
	Confirmation Code									
	An email has been sent to the email address you included in your registration form. Please enter the confirmatio text box below in order to complete your registration.	n code contained in the e	mai	into the (inter .	ution C	ode			
	The confirmation code will remain vable for 2 hours. Should the code expire before you are able to enter it have, select th with a new Confirmation Code, and enter it in the box below. Should you dose this trowser session before entering your for respense a new session.	e "Send New Confirmation Confirmation Code, please	Codi N/Rov	r" link to - e The insit	vctore	i new e in the e	nal			
	'Required									
	typien successfully saved user agreement acceptance for Your name and email	address								
	Requestor Email potnik in the doughts gov "Enser Confirmation Code	Send New Confirmation	n Cod	as .						
	Confere Cancel									
	MAX Support (www.managentilitan.am Phone: Wookdays E.31 AV - 910 FM EST # 282.205.688									

Contract No. DTFAWA17A-00053

Step 10: Upon entering the code and confirming via the "Confirm" button, The OMB Max will present the acknowledgment of the success of the account registration as shown on the next page:

← → C 🖞 https://piv.test.max.gov/portal/piv/confirmRegistration	A ₂	Q	to		4	G	{≦	œ	(Sign in	
MAX Homepage Testing Site										
MAX.gov Registration										
Congratulations! You have successfully registered to MAX gov. You are now registered to the MAX Federal Community. Please proceed to the login page to take advantage of all the sites, applications, and Proceed to Login	services	that N	IAX.gov I	nas to offe	er.					
MAX Support Email: <u>massuportf@max.gov</u> Phone: Weekdays 8:30 AM - 9:00 PM EST at <u>202.395.5850</u>										

Step 11: The "Proceed to Login" button will now route you back to the standard FAA ESVMS Military Login Page. Only Role applicable to Military users is as 'RO'

Dashboard	× +							× -	o ×
\leftrightarrow \rightarrow C (i) localhost:5	2154/Views/Dashboard.aspx							E 🛧 🇯	🗆 😩 i
Federal Aviati Administratio	on n								
		Extended	l Service Volume Ma	nagement System					
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View ESV	ID FAID SUBMIT DATE	CITY STATE FREQUENCY	RDL1 RDL2	DISTANCE LOW ALT	HIGH ALT	REFERENCE NO	STATUS	LAST UPDATE DATE	
Associate ESV FMO									
Establish ESV									
Revise ESV									
Cancel ESV									
Edit ESV									
Check Status									
Password Reset									
Reports									
Approved ESVs									
Restricted ESVs									
Pending/Detail ESVs									
Help									
WebMaster Support									
Logout									
FAA for		Aeronautical Navigation Products		Our Safety Culture			Stay Connected		
Pilots Mechanics		Airport Diagrams Airport/Facility Directory (d-A/FD)		FAA Mission The Foundation of Everything Mis Do			Facebook		
Other Aviation Professionals Travelors		National Flight Data Center (NEDC) Terminal Procedures (d-TPP)		Regulations & Guidelines			YouTube Subscribe		
Educators & Students		NextGen Information		Advisory Circulars (ACs) Aironthiness Directives (ADs) – Curre	et Only		Visit FAA Mobile		

Contract No. DTFAWA17A-00053

4.0. ESVMS-Non-Military User Registration

The user is required to register to access the ESVMS application and will be required to enter /select the information like First name, Phone, state, last name, program office and city. The functional roles which can be selected during the login process are Requesting Officer (RO) and Guest (GU). Additional functional roles must be assigned by the ESVMS administrator, following initial account setup.

Federal Aviation Administration			
Help	Extended Service vo	nume management System	
WebMaster Support	Application for use of the Extended Service Volume Managemen	System (ESVMS)	
	"Login ID: raji.ctr.dhanaghar	Middle Initial:	
	*First Name:	*Last Name:	
	Title:	*Program Office:	
	*Phone #:	Fax #:	
	*Email: raji.ctr.dhanaghar@faa.gov	*City:	
	*State: Select a State *		
FAA for	Aeronautical Navigation Products	Submit Clear	Stay Connected
Pilots	Airport Diagrams	FAA Mission	Facebook
Mechanics	Airport/Facility Directory (d-A/FD)	The Foundation of Everything We Do	Twitter
Travelers	Terminal Procedures (<u>d-TPP</u>)	Regulations & Guidelines	Subscribe
Educators & Students	NextGen Information	Advisory Circulars (ACs)	Visit FAA Mobile
Handbooks & Manuals	NextGen	Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Historical	
Aircraft	Performance Snapshots	Federal Aviation Regulations (FAR)	
Examiner & Inspector	Officer Experience	Temporary Flight Restrictions (TERs)	
Forms	Understan Declarat A Field	Other Popular FAA Sites	
FAA Forms	Headquarters, Regional, & Field Flight Standards District Offices (ESDO)	Airmen Inquiry	
National Airports Forms	Accidents & Incidents	Airmen Online Services FAA Registry Aircraft Inquiry	

After the user enters the information and clicks submit the registration email is sent as below:

Wed 3/21/2018 8:40 PM	
ESVMSUATAdministrator@faa.gov	
ESVMS Registration Notification	
r, kaji ctk (faa)	
	ESVMS Registration Successful
been successfully registered to ESVMS System.	
dministration	
1	Wed 3/21/2018 8:40 PM ESVMSUATAdministrator@faa.gov ESVMS Registration Notification r, Raji CTR (FAA) been successfully registered to ESVMS System.

Upon successful registration with the ESVMS application the user can access the ESVMS tool via the URL using any of the browsers listed in section 2. The user is presented with the Security Policy page as shown below:

	Accept
You are accessing a U.S. Government authorized information system, which includes (1) this computer network, (3) all computers connected to this network, (4) all devices and storage menetwork or to a computer on this network, and (5) all cloud servers and hosting environme information system. This information system is provided for U.S. Government-authorized use or	s computer, (2) this dia attached to this nts supporting this nly.
Unauthorized or improper use of this system may result in disciplinary action, as well as penalties.	civil and criminal
By logging in and using this information system, you understand and consent to the following:	
 You have no reasonable expectation of privacy regarding communications or data transiting of information system. 	or stored on this
 At any time, and for any lawful Government purpose, communication between the user and the system, data transiting to/from the system, or stored on this system is subject to monitoring, is search. 	his information interception, and
 Any communications or data transiting or stored on this information system may be disclosed lawful Government purpose. 	l or used for any

Once the user clicks the "Accept" button, the system displays the Login page where the user needs to login using the approved credentials and assigned 'Role' to access the application.

Contract No. DTFAWA17A-00053

5.0. Supported Browsers

The following are the browsers that ESVMS supports currently:

- 1. Chrome 31.0 and above
- 2. Safari 7.0 and above
- 3. Opera 27.0 and above
- 4. Firefox 31.0 and above
- 5. Microsoft Edge

6.0. Roles

Below the ESVMS roles and user operations and functions for ESVMS creation, management and maintenance. Users are initial provided the RO role or Guest role based upon their selection during signup. The additional roles defined below such as FICO, SFMO, FIFO are approved and provided by the Super Administrator upon formal request and validation of requirements.

The ESVMS roles are:

Requesting Officer (RO) – Users in this role have the ability to establish, revise, and cancel ESV requests, as well as view the status of requests as they proceed through the workflow process. The only persons able to view, modify, or edit ESV applications under this role are the Requesters who initially created them.

Super Frequency Management Officer (SFMO) – This role has been restructured in ESVS as the FMO and SFMO functions are fully performed in the AFM application. Users in this role in this ESVMS application are both FMOs and SFMOs, which perform the engineering in AFM, but may access ESVMS to validate data, status and records only. However, the Super FMO role permits both categories to access information in ESVMS.

Flight Inspection Central Office (FICO) User – Users in this role have the ability to view the data entered by the Requester and the FMO on the ESV application as well as Admin ESVs. They can print an ESV application report as well as having the ability to approve, disapprove, restrict, or add remarks on the ESV application on behalf of the FIFO.

Flight Inspection Field Officer (FIFO) User – Users in this role have the ability to view the data entered by the Requester and the FMO on the ESV application. They also are able to check the status of pending ESV requests

Super Administrator (SA) – Users in this role in summary can administer and manage the system. The SA perform user information updates including Username and Passwords SAs have the ability to view the data entered by the Requester and the actions/records on the ESV application from all user roles as well as Admin or Modify the ESVs from the database. They can print an ESV application report as well as having the ability to approve, disapprove, restrict, or add remarks on the ESV

Contract No. DTFAWA17A-00053

application. The SA also has the ability to re-sync the ESVMS and AFM database to ensure records in the workflow are being transferred as appropriate.

Guest User (GU) - Users in this role have the ability to view (in read only) the data entered by the Requesters, FICO and FIFO, and the status of ESVs within the system. They can view and print an ESV application reports from repost listings for approved, disapproved, restricted, and cancelled ESVs.

The Table shows these Roles relative to the major ESVMS system functions and the availability of those functions and features to the defined roles.

]	ROLES		
Function	RO	SFMO	FICO	FIFO	Super Admin	Guest Role
View ESV	X	X	X	X	X	X
Establish ESV	X					
Revise ESV	X		X			
Cancel ESV	X					
Edit ESV	X					
View Alternatives	X					
Check Status	X	X	X	X		X
Reports	X	X	X	X	X	X
Tools ESV Graphs	X					
Password	X	X	X	X	Х	
Help	X	X	Χ	Χ	Χ	X
WebMaster Support	Χ	X	Χ	Χ	Χ	X
Log Out	Χ	X	Χ	Χ	X	X
Approve ESVs				X		
Associate ESV FMO	X					
Magnetic Variation			X			
]	ROLES		
Function	RO	SFMO	FICO	FIFO	Super Admin	Guest Role
Evaluate ESV				X		
Admin ESV				X	X	

Contract No. DTFAWA17A-00053

Upload AFM			X	
Assign ESV			X	

To further understand the functions of each role in ESVMS as laid out in the table above, the navigation menus for each role are displayed below showing how each function is accessed.

Left Panel Navigation Menus

Dashboard		
View ESV		
Associate ESV FMO	— Dashboard	
	View EEV	
Establish ESV		
	Associate ESV FMO	_ Dashboard
Revise ESV		View ESV
	Establish ESV	
Cancel ESV		Associate ESV
Edit ESV	Revise ESV	
	Cancol ESV	Mag. Variation
Check Status		Pevice ESV
	Edit ESV	
Reports		Check Status
	Check Status	
Approved ESVs		Admin ESV
Disapproved ESVs	Reports	Baparta
Cancelled ESVs	Approved ECV/c	Reports
Pending/Detail ESVs	Disapproved ESVs	Approved ESVs
Available Roles	Restricted ESVs	Disapproved ESVs
	Cancelled ESVs	Restricted ESVs
RO	Pending/Detail ESVs	Cancelled ESVs Pending/Detail ESVs
FICO	Available Roles	Available Roles
FIFO	RO	
Super Admin	FICO	RO
Tools	FIFO	FICO
	Super Admin	FIFO Super Admin
ESV Graphs	SFMO	SFMO
Help	Help	Help
WebMaster Support	WebMaster Support	WebMaster Support
Logout	Logout	Logout

Requesting Officer

Flight Inspection Central Office

Flight Inspection Field Office

Contract No. DTFAWA17A-00053

(RO)	(FICO)	(FIFO)
	Dashboard View ESV	
	Admin ESV	-
	User/Security	
	Session Tracking	
Dashboard	Upload AFM	
View ESV	Assign ESV	
Reports	Reports	
Approved ESVs Disapproved ESVs Restricted ESVs Cancelled ESVs Pending/Detail ESVs Available Roles	Approved ESVs Disapproved ESVs Restricted ESVs Cancelled ESVs Pending/Detail ESVs	Dashboard
	Available Roles	View ESV
RO FICO FIFO Super Admin SFMO Help	RO FICO FIFO Super Admin SFMO	Reports Approved ESVs Disapproved ESVs Restricted ESVs Cancelled ESVs Pending/Detail ESVs
WebMaster Support	Help	нер
	WebMaster Support	WebMaster Support
Logout	Logout	Logout

Super Frequency Management Contract No. DTFAWA17A-00053

Super Administrator

stratorGuest UserTrillion ESVMS 12.0.0 - SEAS Program

Officer (SFMO) (SA) (GU)

The navigation menus show the available functions provided each role. In addition, if the user has multiple roles then the navigation menu displays the roles that can be selected.

6.1.

Login Process for Roles

Login Options of Multiple Roles – Users with additional ESVMS roles are presented a "Role Login" dropdown list allowing the selection of the role functions, which can be accessed. The Role Options Login screen is shown below:

The then selects the operating role preferred for the session and the dashboard for that role will appear in the next screen.

Note:

- RO role has access to the Tool on the left panel navigation menus for ESV Graphs.
- RO and FICO user's roles will have access to only those ESVs that were initiated or worked upon. The SFMO, SA and FIFO will have all the ESVs that have been submitted and their current status.

esvmsuat.faa.gov/Accour ×			
C () esvmsuat.faa.gov/Account/	RoleSelection.aspx?uName=clifford%20ctr%20vines		☆ <mark>ル</mark> 📧
Federal Aviation Administration	Extended Service Volum	e Management System	
		e management bystem	
	Select	t Role:	
	RO FIC FIF FM RO SA SFI	x 0 0 0 0 0 0	
FAA for	Aeronautical Navination Products	Our Safety Culture	Stay Connected
FAA for Pilots	Aeronautical Navigation Products Airport Diagrams	Our Safety Culture FAA Mission	Stay Connected Facebook
FAA for Pitots Mechanics	Aeronautical Navigation Products Airport Diagrams Airport Easily Directory (<u>eAFD</u>)	Our Safety Culture FAA Mission The Foundation of Everything We Do	Stay Connected Facebook Twitter Witter
FAA for Pilots Mechanics Other Aviation Professionals Travelers	Aeronautical Navigation Products Airport Diagrams Airport-Raility Directory (<u>#AFD</u>) National Flight Data Center (<u>MFDC</u>) Terminal Procedures (d-TPP)	Our Safety Culture FAA Mission The Foundation of Everything We Do Regulations & Guidelines	Stay Connected Facebook Twitter YouTube Subscribe
FAA for Pilots Mechanics Other Aviation Professionals Travelers Educators & Students	Aeronautical Navigation Products Airport Diagrams Airport/Facility Directory (<u>cFAFD</u>) National Flight Data Center (<u>NFDC</u>) Terminal Procedures (<u>d-TFP</u>)	Our Safety Culture FAA Mission The Foundation of Everything We Do Regulations & Guidelines Advisory Circulars (ACs)	Stay Connected Facebook Twitter YouTube Subscribe
FAA for Pilots Mechanics Other Aviation Professionals Travelers Educators & Students Handbooks & Manuals	Aeronautical Navigation Products Airport Diagrams Airport/Facility Directory (<u>et.AFD</u>) National Flight Data Center (<u>NFDC</u>) Terminal Procedures (<u>et.TPP</u>) NextGen Information	Our Safety Culture FAA Mission The Foundation of Everything We Do Regulations & Guidelines Advisory Circulars (<u>ACs</u>) Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Historical	Stay Connected Facebook Twitter YouTube Subscribe Visit FAA Mobile
FAA for Pilots Mechanics Other Aviation Professionals Travelers Educators & Students Handbooks & Manuals Aircraft	Aeronautical Navigation Products Airport Diagrams Airport/Facility Directory (<u>d-AFD</u>) National Flight Data Center (<u>NFDC</u>) Terminal Procedures (<u>d-TPP</u>) NextGen Information NextGen Performance Snapshots	Our Safety Culture FAA Mission The Foundation of Everything We Do Regulations & Guidelines Advisory Circulars (<u>AOs</u>) Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Historical Federal Aviation Regulations (<u>FAR</u>)	Stay Connected Facebook Twitter YouTube Subscribe Visit FAA Mobile
FAA for Pilots Mechanics Other Aviation Professionals Travelers Educators & Students Handbooks & Manuals Aircraft Aviation Examiner & Inspector	Aeronautical Navigation Products Airport Diagrams Airport/Facility Directory (<u>cf.AFE</u>) National Flight Data Center (<u>NFDC</u>) Terminal Procedures (<u>cf.TPP</u>) NextGen Information NextGen Performance Snapshots The NextGen Experience	Our Safety Culture FAA Mission The Foundation of Everything We Do Regulations & Guidelines Advisory Circulars (ACs) Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Historical Federal Aviation Regulations (FAR) Orders & Notices Temporary Flight Restrictions (<u>FERs</u>)	Stay Connected Facebook Twitter YouTube Subscribe Visit FAA Mobile
FAA for Pilots Mechanics Other Aviation Professionals Travelers Educators & Students Handbooks & Manuals Aircraft Aviation Examiner & Inspector Forms	Aeronautical Navigation Products Airport Diagrams Airport/Facility Directory (<u>cf_AFE</u>) National Flight Data Center (<u>NFDC</u>) Terminal Procedures (<u>cf_TPP</u>) NextGen Information NextGen Performance Snapshots The NextGen Experience Offices	Our Safety Culture FAA Mission The Foundation of Everything We Do Regulations & Guidelines Advisory Circulars (ACs) Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Historical Federal Aviation Regulations (FAR) Orders & Notices Temporary Flight Restrictions (TERs) Other Ponular FAA Sites	Stay Connected Facebook Twitter YouTube Subscribe Visit FAA Mobile
FAA for Pilots Mechanics Other Aviation Professionals Travelers Educators & Students Handbooks & Manuals Avircraft Aviation Examiner & Inspector Forms	Aeronautical Navigation Products Airport Diagrams Airport/Facility Directory (<u>d-AFD</u>) National Flight Data Center (<u>NFDC</u>) Terminal Procedures (<u>d-TPP</u>) NextGen Information NextGen Information NextGen Snapshots The NextGen Experience Offices Headquarters, Regional, & Field	Our Safety Culture FAA Mission The Foundation of Everything We Do Advisory Circulars (ACS) Airworthiness Directives (ADS) – Current Only Airworthiness Directives (AD	Stay Connected Facebook Twitter YouTube Subscribe Visit FAA Mobile
FAA for Pilots Mechanics Other Aviation Professionals Travelers Educators & Students Handbooks & Manuals Aircraft Aviation Examiner & Inspector FAA forms National Aircraft Forms	Aeronautical Navigation Products Airport Diagrams Airport/Facility Directory (<u>d-AFD</u>) National Flight Data Center (<u>NEDC</u>) Terminal Procedures (<u>d-TPP</u>) NextGen Information NextGen Performance Snapshots The NextGen Experience Offices Headquarters, Regional, & Field Flight Standards District Offices (<u>ESDQ</u>)	Our Safety Culture FAA Mission The Foundation of Everything We Do Regulations & Guidelines Advisory Circulars (ACs) Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Current Only Airworthiness Directives (ADs) – Historical Federal Aviation Regulations (FAR) Orders & Notices Temporary Flight Restrictions (TERs) Other Popular FAA Sites Airmen Inguity Airmen Online Services	Stay Connected Facebook Twitter YouTube Subscribe Visit FAA Mobile
FAA for Pilots Mechanics Other Aviation Professionals Travelers Educators & Students Handbooks & Manuals Aircraft Aviation Examiner & Inspector Forms FAA Forms National Airports Forms	Aeronautical Navigation Products Airport Diagrams Airport/Facility Directory (<u>4AFD</u>) National Flight Data Center (<u>NFDC</u>) Terminal Procedures (<u>4-IPP</u>) NextGen Information NextGen Performance Snapshots The NextGen Experience Offices Headquarters, Regional, & Field Flight Standards District Offices (<u>FSDO</u>) Accidents & Incidents	Our Safety Culture FAA Mission The Foundation of Everything We Do Regulations & Guidelines Advisory Circulars (ACs) Advisory Circulars (ACs) Ainvorthiness Directives (ADs) – Current Only Ainvorthiness Directives (ADs) – Historical Federal Aviation Regulations (FAR) Orders & Notices Temporary Flight Restrictions (TERs) Other Popular FAA Sites Airmen Inquiry Airmen Online Services FAA Registry Aircraft Inquiry	Stay Connected Facebook Twitter YouTube Subscribe Visit FAA Mobile

7.0. ESVMS Common Functions

The functions and common menu options available to all dashboard roles are addressed here in Section 3, with the Operations and functions which are unique to each Role are described in Section 4.

For many ESVMS Roles, the navigation menus allow the users to perform the following common functions:

Dashboard Access View ESV Check Status (ESV) ESVMS Reports Access

Available Roles Access Help Access Webmaster Support Logout

7.1. ESV Dashboard

For a given ESV User Role, the dashboard is displayed by default. The following columns are displayed in the given role dashboard:

ESVMS ID Number, Facility IDENT, Submit date (Date, the ESV submitted), City, State, Frequency of the facility, Radial 1 (Degrees), Radial 2 (Degrees), Distance (nmi), Lower Altitude, Upper Altitude, ESVMS Reference No, ESVMS Status and ESV Last updated date, click on the table header and the information will be sorted. The page will display maximum of 20 ESVs, click on the number hyperlink to navigate to the subsequent pages

Expanded Service Volume Management System Suboard Distibulity NV ESV 50 NV ESV 10	And Continistration Administration Expanded Service Volume Management System Shboard Dashboard Max 2009-00: Addition State To Xino Addition St	→ IP http://192.168.7.71/vie	ews/Dashboard.aspx		D • ¢	Dashboard ×										
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IAA 702149-001 IPSO 04/10/2018 SIOUX FALLS 050 M1184 313 345 180 180 1806 18	IAA 701439-001 IPA 7012/0218 IBA/00X FALLS SO M184	ise ESV	FAA 711505 - 035	RLG	03/19/2018	KREMMLING	со	M113.8	13	0	13	13	13	18039603	SENT TO FMO	03/21/2018
Leck E SV PAA 703449 -011 Ride 00/2/2/038 Vice MMUING 00 M172 13 0 14 15 15 1500551 SENT TO FMO 00/2/2/038 F E SV FAA 70349-011 NICA 0/2/2/038 Vice Melland Vice Mel	Leck E SV FAA 70149-011 ILG 0/3/2/2018 NRMMUING OO MI12 13 13 13 130 130 131 130 131 130 131 130 131 130 131 131 130 131		FAA 704194 - 001	FSD	04/10/2018	SIOUX FALLS	SD	M1184	331	345	108	180	200	18049714	SENT TO FMO	04/10/2018
FAX 70397-005 V/M 04/05/2018 V/M CHBURG V/A M990 251 21 41 51 517 15006955 5N/T TO FMO 04/05/2018 K E SV MAX 06/02/2018 MINA V/M MINA MS 157 45 159 230 15006955 SN/T TO FMO 04/05/2018 Kek Status FAX 701389-003 BV0 04/09/2018 BRAMINGHAM AL M1178 12 12 12 12 120 120 12069951 SN/T TO FMO 04/05/2018 And 701366-001 LEB 04/10/2018 BRAMON AL M1178 12 12 12 120 120 12069951 SN/T TO FMO 04/07/2018 Approved ES/VS FAX 701366-001 LEB 04/10/2018 LBAMON N N1171 50 50 80 130 13069715 SN/T TO FMO 04/10/2018 Dispproved ES/VS FAA 68109-009 GZG 04/10/2018 LBAMON N M1197 80 88	FeV FAX 70397-005 LYH Qu/GS/2018 LYMCHEURG VA Med Med S1 S1 IT Its089645 SENT TO FMO Qu/GS/2018 FEV An 20057-005 LYH Qu/GS/2018 LYMCHEURG VA Med Qu/GS/2018 LYMCHEURG VA Med Qu/GS/2018 SENT TO FMO Qu/GS/2018 Veck Status An 20052-013 WM Qu/GS/2018 BARTLES/NLE K MI213 S1 D1 S5 S2 200 SENT TO FMO Qu/GS/2018 Vorts FAA 701386-050 V/L2 Qu/GJ/2018 BIRMINGHAM AL MI172 L2 I2	icel ESV	FAA 704149 - 011	RLG	03/21/2018	KREMMLING	со	M1172	13	0	14	13	13	18039613	SENT TO FMO	03/21/2018
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FAA 701389 -003 BV/D PM/07/2018 BMARTESVILE N M/121 154 201 65 52 200 18049800 SENT TO FMO PM/07/2018 Ports FAA 701386-003 VIZ PM/10/2018 BMARNESMULE AI M/117 5 20 12	FAA 701385-003 BVO OV/(97/2018 BAARTLEYNILE OK M1213 124 201 65 52 200 180/9800 SENT TO FMO OV/(202013 A 701385-003 BVO OV/(97/2018 BAARTLEYNILE OK M1213 124 121 12	t ESV	FAA 702652 - 013	MVA	04/04/2018	MINA	NV	M1185	173	187	45	159	223	18049644	SENT TO FMO	04/04/2018
CRC SALUS FAA 701386 - 609 V/Z 04/10/2018 BIRMINOLHAM AL M178 12	CRC SALUS FAA 701358 - 000 V/L2 Or/L/2/2018 BIRNINGHAM AL M.178 12 12 12 12 12 100/12 SENT TO FMO Op/L/2/2018 Sports IEB A/D/10/2018 BERNINGHAM NH M.178 12 13 136		FAA 701389 - 003	BVO	04/09/2018	BARTLESVILLE	ОК	M1213	154	201	65	52	200	18049680	SENT TO FMO	04/09/2018
PAR 701866 - 004 LEB Qr/L0/2018 LEBANON NH M1171 5 50 80 180 450 L0649707 SENT OF NAO Qr/L0/2018 Approved ESVs FAA 701366 - 001 LEB Qr/L0/2018 LEBANON NH M1171 44 0 50 80 150 L5049707 SENT OF NAO Qr/L0/2018 Approved ESVs Classproved ESVs Grad Settion - 000 Grad Settion - 000 Grad Settion - 000 KA M1197 80 150 69 90 LEBANOTS SENT OF NAO Qr/L0/2018 Disapproved ESVs FAA 68010- 0:01 CSN Qr/L0/2018 CLAMONA NA M1197 80 150 55 22 33 L5049579 SENT OF NAO Qr/Qr/2018 Disapproved ESVs FAA 680120-012 NN Qr/L0/2018 CLAMOVA NA M1197 88 88 88 88 SENT OF NAO Qr/Qr/2018 Cancelled ESVs FAA 680420-002 HN Qr/Qr/2018 CLAMOTON NY M11	PAA 701366-004 LEB 04/10/2018 EBANON NH M1171 5 50 89 180 450 15049707 SENT TO FMO 04/10/2018 AA 701366-001 LEB 04/10/2018 LEBANON NH M1171 44 0 58 150 50 240 13049715 SENT TO FMO 04/10/2018 AA 701366-001 LEB 04/10/2018 LEBANON NH M1171 44 0 58 175 51049715 SENT TO FMO 04/10/2018 Disapproved ESVs Disapproved ESVs CSN 04/07/2018 CALMOVA VA M1197 80 55 52 22 33 1804975 SENT TO FMO 04/09/2018 Cancelled ESVs CAN 04/09/2018 CANOVA VA M1197 88 88 86 86 1804976 SENT TO FMO 04/09/2018 Cancelled ESVs CAN 04/09/2018 LENNOTON VA M1197 88 88 86 86 180 18049	eck Status	FAA 701368 - 050	VUZ	04/10/2018	BIRMINGHAM	AL	M1178	12	12	12	12	12	18049712	SENT TO FMO	04/10/2018
DADICS FAA 701864-001 LEB 04/10/2018 LEBANON MH M117 44 0 47 58 175 LE069715 SENT TO FNO 04/10/2018 Approved ESVs FAA 701864-001 CIS 04/10/2018 CISAMONA VA M1000 91 300 90 240 15069715 SENT TO FNO 04/10/2018 Disapproved ESVs FAA 68100 * 001 CISA 04/02/018 CISAMONA VA M1197 80 80 240 15069715 SENT TO FNO 04/10/2018 Disapproved ESVs FAA 682037 - 012 CISA 04/02/018 CISAMONA VA M1197 80 88 88 80 15069715 SENT TO FNO 04/02/018 Cancelled ESVs FAA 68040-002 HYK 04/02/018 CISMOTON YA M1197 88 88 88 80 1509655 SENT TO FNO 04/02/018 Cancelled ESVs FAA 68040-002 HYK 04/02/018 LEWGTON YA M1160 227 7 78	DDCS Frak 701546 - 001 LEB 04/10/2018 EBANON M M1171 44 0 477 58 175 1006/715 SENT TO FMO 04/10/2018 Approved ESVs Frak 08589 - 000 GG 04/10/2018 CLOSE FSING VA M1197 80 150 90 90 40 106/9715 SENT TO FMO 04/10/2018 Approved ESVs Frak 682017-012 CSN 04/09/2018 CSANOVA VA M1197 80 150 55 2 33 1804979 SENT TO FMO 04/09/2018 Cancelled ESVs Frak 682017-012 CSN 04/09/2018 CSNNOTA VA M1197 88 88 88 180-9659 SENT TO FMO 04/09/2018 Cancelled ESVs Frak 6820-02 Int 04/09/2018 CSNNOTA VA M1197 88 88 88 88 180-9659 SENT TO FMO 04/09/2018 Panding/Detail ESVs Frak 68402-002 Int 03/21/2018 CSNNOTA VT M1160 <td></td> <td>FAA 701366 - 004</td> <td>LEB</td> <td>04/10/2018</td> <td>LEBANON</td> <td>NH</td> <td>M1171</td> <td>5</td> <td>50</td> <td>89</td> <td>180</td> <td>450</td> <td>18049707</td> <td>SENT TO FMO</td> <td>04/10/2018</td>		FAA 701366 - 004	LEB	04/10/2018	LEBANON	NH	M1171	5	50	89	180	450	18049707	SENT TO FMO	04/10/2018
Approved ESVs Fr.4.698109-009 GCM Oxfor/2018 GLAMD SPRING V.A ML000 93 180 69 94 10089716 SENT TO FNO Oxfor/2018 Disapproved ESVs Disapproved ESVs CSN 04/07/018 CSANOVA V.A ML107 83 86 86 88 10049716 SENT TO FNO 04/07/018 Restricted ESVs Restricted ESVs RA 680420-012 YM 04/07/018 CASMOVA V.A ML107 88 86 86 88 1004976 SENT TO FNO 04/07/018 Cancelled ESVs RA 680420-012 YM 04/07/018 CENINGTON YM ML150 37 7 78 40 130 15049681 SENT TO FNO 04/07/018 Pending/Destall ESVs RA 680420-012 YM 04/07/018 LEXINGTON YM ML150 37 7 78 40 130 15049681 SENT TO FNO 04/07/018	Approved ESVs FAA 68919-009 CGS 04/07/0218 CLAD E SPAINS VA M1000 93 180 69 90 240 1509/716 SENT TO FMO 04/02/018 Disapproved ESVs Disapproved ESVs FAA 682017-019 CSN 04/09/2018 CASANOVA VA M1197 80 150 55 2 38 180/9679 SENT TO FMO 04/02/2018 Cancelled ESVs CAN 04/09/2018 CASANOVA VA M1197 80 150 55 2 38 180/9679 SENT TO FMO 04/09/2018 Cancelled ESVs FAA 680420-012 MK 04/09/2018 LEXINGTON KY M1160 357 7 78 40 190 180/9651 SENT TO FMO 04/09/2018 FAA 680420-012 MK 04/09/2018 LEXINGTON KY M1160 252 0 161 181 231 180/9656 SENT TO FMO 04/09/2018 Hable Roles FAA 49076-002 FLA 03/21/2018 FORT LAUDERDAL	ports	FAA 701366 - 001	LEB	04/10/2018	LEBANON	NH	M1171	44	0	47	58	175	18049715	SENT TO FMO	04/10/2018
Application CAN Option CAN VA VI197 80 150 55 22 33 15045679 SENT OF No Oµ(07/018 Disapproved ESVs FAA 682017-012 CN 0x/06/2018 CASANOVA VA M1197 80 150 55 22 33 15045679 SENT OF No 0µ(07/018 Restricted ESVs FAA 682017-012 CN 0x/06/2018 CASANOVA VA M1197 80 80 80 18 1804559 SENT OF No 0µ(06/2018 Cancelled ESVs FAA 680420-02 HrK 0x/06/2018 LEXINGTON VA M1160 327 7 78 40 190 15045651 SENT OF No 0x/06/2018 Panding/Deall ESVs FAA 680420-002 HrK 0x/02/0218 LEXINGTON VC M1160 282 0 161 181 231 18095665 SENT OF NO 0x/02/0318	Application CASA Organization Casa Organization Sector	Approved ECV/a	FAA 698109 - 009	GZG	04/10/2018	GLADE SPRING	VA	M1000	93	180	69	90	240	18049716	SENT TO FMO	04/10/2018
Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>	Dissiputive Low FAA 68020 - 002 CM OV/GV/2018 CAMMOVA VA M197 88 88 88 88 10049599 SENT TO FMO OV/GV/2018 Cancelled ESVs FAA 68020 - 002 HYK OV/GV/2018 EXMOSTON KY M1197 88 88 88 88 10049599 SENT TO FMO OV/GV/2018 Pending/Oreall ESVs FAA 68020 - 002 HYK OV/GV/2018 EXMOSTON KY M1160 282 0 161 181 231 1803965 SENT TO FMO 04/02/2018 Pending/Oreall ESVs FAA 68020 - 002 HYL OV/GV/2018 ESMOSTON KY M1160 282 0 161 181 231 1803965 SENT TO FMO 04/02/2018 Pending/Oreall ESVs FAA 140276-002 HLA 04/21/2018 FONT LAUDERDALE H M1141 276 0 21 41 18039610 SENT TO FMO 09/21/2018 1 2 FAA 140276-002 FLA 04/21/2018 FONT LAUDERDALE </td <td>Disapproved ESVS</td> <td>FAA 682017 - 019</td> <td>CSN</td> <td>04/09/2018</td> <td>CASANOVA</td> <td>VA</td> <td>M1197</td> <td>80</td> <td>150</td> <td>55</td> <td>22</td> <td>33</td> <td>18049679</td> <td>SENT TO FMO</td> <td>04/09/2018</td>	Disapproved ESVS	FAA 682017 - 019	CSN	04/09/2018	CASANOVA	VA	M1197	80	150	55	22	33	18049679	SENT TO FMO	04/09/2018
Cancelled ESVs FAA 680420 - 012 HYK 04/09/2018 LEXINGTON KY M1160 357 7 78 40 190 LEXINGTON 04/09/2018 Pending/Detail ESVs FAA 680420 - 002 HYK 03/20/2018 LEXINGTON KY M1160 282 0 161 181 231 18039606 SENT TO FMO 03/20/2018	Cancelled ESVs FAA 680420-012 HYX 04/09/2018 LEXINGTON KY M1160 357 7 78 40 190 12049681 SENT TO FMO 04/09/2018 Pending/Oetail ESVs FAA 680420-002 HYX 04/09/2018 LEXINGTON KY M1160 282 0 161 181 231 12039606 SENT TO FMO 04/09/2018 Iable Roles ILL 03/21/2018 FORT LAUDERDALE FL M1141 276 0 21 41 12039510 SENT TO FMO 09/21/2018 1 2 1 2 1 21 12039510 SENT TO FMO 09/21/2018	Restricted ESVs	FAA 682017 - 012	CSN	04/06/2018	CASANOVA	VA	M1197	88	88	88	88	88	18049659	SENT TO FMO	04/06/2018
Pending/Detail ESVs FAA 680420-002 Hrk 03/20/2018 LEXINGTON KY M1160 282 0 161 181 231 18039606 SENT TO FMO 03/20/2018	Pending/Detail E5Vs PAA 68042-002 HYK 0J/20/2018 LEMINITOR KY M189 282 0 161 831 231 18039905 SENT TO FMO 0J/20/2018 Intable Roles FLA 03/21/2018 FORT LAUDERDALE FL M141 276 0 21 41 41 18039610 SENT TO FMO 03/21/2018	Cancelled ESVs	FAA 680420 - 012	НҮК	04/09/2018	LEXINGTON	KY	M1160	357	7	78	40	190	18049681	SENT TO FMO	04/09/2018
	aliable Roles FAA 140276 -002 FLLA 03/21/2018 FORT LAUDERDALE FL M1141 276 0 21 41 41 18039610 SENT TO FMO 03/21/2018	Pending/Detail ESVs	FAA 680420 - 002	HYK	03/20/2018	LEXINGTON	KY	M1160	282	0	161	181	231	18039606	SENT TO FMO	03/20/2018
atlable Roles FAA 140276 - 002 FLLA 03/21/2018 FORT LAUDERDALE FL M1141 276 0 21 41 41 18039610 SENT TO FMO 03/21/2018	12	ailable Roles	FAA 140276 - 002	FLLA	03/21/2018	FORT LAUDERDALE	FL	M1141	276	0	21	41	41	18039610	SENT TO FMO	03/21/2018
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00 HCO FIFO	FICO FIFO	Super Admin														
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The dashboard columns are enabled with a sort capability; however the default sort order is keyed upon Radial 1 values.

The dashboard initially is configured to display the first 20 ESV records.

The ESVMS reference number in all dashboards links the user to the ESV Details report for the given ESV. Please see Appendix 2 for the ESV Details report samples and format description

7.2. View ESV

The View ESV allows the user to search and locate ESVs. Click the View ESV on the left pane, the ESV search page is displayed. Enter the Search Criteria to provide for the access to desired facility record records. The entry criteria shall be:

FAA ID, Frequency, Facility Type, City, State or route

The Search shall display a list of all facilities meeting the search criteria and shall summarize using the following data format:

FAA Serial Number, City State, FAA ID, Frequency and Facility Type

	on					
Administration	1					
		Expanded Servic	e Volume Management Sys	tem		
nboard	View ESV					
/ ESV			Search Criteria			
ciate ESV FMO			Enter any or all search criteria to acce	ss records		
blich FRV	Iden	tifier:	Frequency (M,K):			
		City:	State:	Select a State		
se ESV	Fa	cility: DME	Q Route:			
el ESV			Show Records with ESV's Only: Search Clear			
ESV			Facility Data			
k Status		Only the fi	rst 300 records are displayed. Click on	a Record to View ESV's		
	Serial No.	City	State	Identifier	Frequency	Туре
orts	FAA 030060	JOHNS ISLAND	SC	EII	M1005	DIVIE
	FAA 000821	MEMPHIS	TN	TSF	MI003	DME
Approved ESVs	FAA 000839	SAINT LOUIS	MO	RMK	M1141	DME
Disapproved ESVs	FAA 021238	ASPEN	co	ASE	M1135	DME
Cancelled ESVs	FAA 021248	MCCOOK	NE	MCK	M1187	DME
Pending/Detail ESVs	FAA 021266	MENA	AR	VMU	M985	DME
lable Roles	FAA 012039	SANFORD	NC	TTA	M1131	DME
	FAA 021421	ALLENTOWN	PA	GUW	M1109	DME
RO	FAA 021779	OMAHA	NE	EDI	M1135	DME
FICO	1 2 3 4 5 6 7 8 9 10					
FIFO			50% 8-4-			
SEMO	CTTD 50/10 0 1	Norra Badala -	ESV Data		Alk 88-05-000	Demoisson of
51110	STEP ESVID Route	Kadiai 1	Natial 2 Distance	Alt. Minimum	Art. Maximum	Requirement
Master Support						

Click on the desired particular ESV row, the ESV data is then displayed

MISTRA											
					Expande	d Servi	ce Volume I	Management	t System		
shboard	View ESV										
ew ESV	-						Enter any or a	Search Criteria	o access records		
ssociate ESV FMO							_				
stablish ESV	-		Ident	ifier: City:				Frequency	(M,K): State: Select a State		
evise ESV			Fac	ility: DME				Q	Route:		
ancel ESV							Show	Records with ESV's Search Clear	s Only: 🗌 r		
dit ESV						0-1-1	diana 000	Facility Data			
heck Status		Serial No.		City				State	Identifier	Frequency	Type
		FAA 030060			HOL	INS ISLAND		SC	ETI	M1005	DME
eports		FAA 000778			NC	DRWOOD		MA	OWD	M981	DME
Approved ESVs		FAA 000821			MEMPHIS			TN	TSE	M1003	DME
Disapproved ESVs		FAA 000839			SAINT LOUIS			MO	RMK	M1141	DME
Restricted ESVs		FAA 021238			ASPEN			со	ASE	M1135	DME
Cancelled ESVs		FAA 021248			мссоок			NE	MCK	M1187	DME
Pending/Detail ESVs		FAA 021266				MENA		AR	VMU	M985	DME
railable Roles		FAA 012039			SI	ANFORD		NC	TTA	M1131	DME
RO		FAA 021421			ALL	LENTOWN		PA	GUW	M1109	DME
FICO	1 2 3	FAA 021779			C	JMAHA		NE	EDI	M1135	DME
FIFO											
Super Admin								ESV Data			
SFMO	STEP	ESV ID	Route Name	Radial 1	Radial 2	Distance	Alt. Minimum	Alt. Maximum		Requirement	
alp	ORGN	FAA 021248 - 002		64		52	50	175	061010E ESTABLISH ESV AT SPRIT (KLXN) RNAV (G	PS) RWY 32 061215 APPROVED PENDING FLIC	SHT CHECK. 070215 AVN - 1
	ORGN	FAA 021248 - 005		256		66	70	175	091210E GRANDFATHERED: MCJEF INT, V148, V220,	FC SAT 5/10/07, DRAP091210 Approved. Pent dist. and MIN ALT.	d. Flight Chk/Inspect @ the

Double click on a particular ESV and the details will be displayed

7.3. Check Status

Click on the Check Status in the left pane and the Search screen is displayed. Enter the search criteria and the facility data will be displayed.

The search results can export the ESVs to an excel

🗿 Suggested Sites 👻 🙋 Web Sli	ice Gallery 🔻 🙋 ESVMS						
Administration	on n						
TATIO							
		Expanded S	ervice Volume Ma	nagement Sv	stem		
board	Check Status						
				Search Criteria			
ESV			Enter any or all	search criteria to ac	cess records		
ciate ESV EMO		Reference Number.					
		Identifier.		Frequency (M,K):			
lish ESV		City:		State:	Select a State		
a ESV		Facility:		Q Route:			
C ESV							
el ESV				Search Clear			
				Facility Data			
-5V	Export To Excel						
c Status	Def #	City	ly the first 300 records ar	e displayed. Click o	n a Record to View ESV's	Turne	Data
	18049720	OUVE BRANCH	MS	EVO	1139-MHz	DME	04/11/2018
rts	18049719	ALBANY	GA	PZD	1195-MHz	DMER	04/11/2018
Approved ESVs	18049713	NEWPORT NEWS	VA	DHY	334.4-MHz	GS	04/10/2018
Disapproved ESVs	18049714	SIOUX FALLS	SD	FSD	1184-MHz	TACAN	04/10/2018
Restricted ESVs	18049706	JOHNS ISLAND	SC	ETI	1005-MHz	DME	04/10/2018
Cancelled ESVs	18049707	LEBANON	NH	LEB	1171-MHz	DME	04/10/2018
ending/Detail ESVs	18049715	LEBANON	NH	LEB	1171-MHz	DME	04/10/2018
able Roles	18049707	LEBANON	NH	LEB	1171-MHz	DME	04/10/2018
20	18049716	GLADE SPRING	VA	GZG	1000-MHz	DME	04/10/2018
FICO	18049717	BROWNWOOD	TX	BWD	984-MHz	DME	04/10/2018
FIFO	18049717	BROWNWOOD	TX	BWD	984-MHz	DME	04/10/2018
Super Admin	18049716	GLADE SPRING	VA	GZG	1000-MHz	DME	04/10/2018
SFMO	18049711	MANCHESTER	NH	MHT	1178-MHz	DMER	04/10/2018
	18049710	TONOPAH	NV	TQQ	1164-MHz	NONE	04/10/2018
	18049712	BIRMINGHAM	AL	VUZ	1178-MHz	TACAN	04/10/2018
	18049680	BARTLESVILLE	ОК	BVO	1213-MHz	DME	04/09/2018
Master Support	18049681	LEXINGTON	KY	НҮК	1160-MHz	DMER	04/09/2018
Master Support				0001	1107 Miles	TACAN	04/00/2019
Master Support	18049679	CASANOVA	VA	CON	1157-10112	TACAN	04/05/2018

Select an ESV to check the status (scroll to view all the details).

(=) - http://192.168.7.71/View	/s/CheckStatus.aspx		Q	- 0 1	Check Status	×	18 This pag	e can't be displaye	d					ŵ
🕅 Suggested Sites 👻 🎒 Web Slic	e Gallery 🔻 🧿 ESVMS													
FIFO	18049716				GLADE SPRING			VA	676	100	0.4464	DME	04/10/201	0
Super Admin	18049711				MANCHESTER			NH	MHT	100	8-MH+	DMER	04/10/201	9
SFMO	18049710				томоран			NV	TOO	116	4-MH7	NONE	04/10/201	8
•	18049712				BIRMINGHAM			AL	VUZ	117	'8-MHz	TACAN	04/10/201	8
Master Support	18049680				BARTLESVILLE			OK	BVO	121	3-MHz	DME	04/09/201	8
Muster Support	18049681				LEXINGTON			KY	HYK	116	0-MHz	DMER	04/09/201	8
out	18049679				CASANOVA			VA	CSN	119	7-MHz	TACAN	04/09/201	8
	18049659				CASANOVA			VA	CSN	119	7-MHz	TACAN	04/06/201	8
	18049645				LYNCHBURG					99	D-MHz	TACAN	04/05/201	.8
	1 2 3 4													
								Request Type :	Revision					
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					Ref#:	18049645				Frequency (M,K):	M990			
					*Chart Name:	qwert1				Facility Type:	TACAN			
					City:	LYNCHBURG				State:	VA			
									ESV Data					
	Step ESV ID	Radial 1	Radial 2	Distance	Alt. Minimum	Alt. Maximum				R	equirement			STATUS
	ORGN FAA 703970-005	258	0	41	56	175		050615E MRA 0	F OTHER FAC FOR	TABER INT 050627 ES	V APPROVED 070302	AVN - 150 FC SAT - APPROVE	AS REQUESTED	ORIGINAL RECOR
	RO FAA 703970-005	251	21	41	51	171		050615E MRA C	F OTHER FAC FOR	TABER INT 050627 ES	V APPROVED 070302	AVN - 150 FC SAT - APPROVE	AS REQUESTED	SENT TO FMO
								Print	Detailed Repor	1				
	Signature: CLIFF	ORD VINE	3		Routing 5	ymbol:			Role: ORGN	4				
	For Contact Details cli	ck the abov	e Hyperlin	ik		Date: 4/5/201	8							
	Signature: CLIFF	ORD VINE:	3		Routing 5	ymbol:			Role: RO					
	For Contact Details cli	ck the abov	e Hyperlin	ik		Date: 4/5/201	8							
FAA for			Aero	nautical	Navigation F	roducts		OL	r Safety Cultu	ire			Stay Connected	
Pilots			Airpor	Disgrams				FA	Mission				Facebook	
Mechanics			Airpor	/Facility Di	rectory (d-A/FD)			The	Foundation of Eve	erything We Do			Twitter	
Other Aviation Professionals			Nation	al Flight D	ata Center (NFDC			Re	gulations & G	uidelines			YouTube	
Educators & Students			Termi	hal Procedu	ires (d-TPP)			- 44	isory Circulars (AC	26)			subscribe	
			Next	Gen Info	rmation			Add	abiy circulars (xc				Visit FAA Mobile	

Click Print Detailed Report to see the detailed Reports

7.4. ESVMS Reports

The ESVMS Reports are separate lists of ESVMS which have been processed in the following categories:

- Approved ESV Reports
- Pending ESV Reports
- Disapproved ESV Reports
- Restricted ESV Reports
- Cancelled ESV Reports

Upon user selection of any of the ESVMS reports, ESVMS Reports Search function is displayed.

The ESV reports database search allows user search criteria for selection of the desired ESV record(s). The search criteria include:

- Regions
- ESV Reference Number
- FAA IDENT
- Frequency
- Facility Type
- City
- State
- Procedure Name (SIDS, STARS, QROUTE)
- Date Range box [start: end] (MM/DD/YYYY)

The subsequent ESV search reports results page displays the given ESVs in the following format:

- 1. The ESV Reports are categorized first by facility,
- 2. Then the listing of each of the ESVs on the identified facility.
- 3. Finally, for each given ESV, a row showing the processing for each ESV operation is displayed

ESV Report format for the facility:

- FAA ID
- City

- State
- Frequency
- Facility Type
- ESV Reference Number

Following the ESV Facility Report Header, Rows will show the processing of each stakeholder using the following format.

- Stakeholder
- ESV ID
- Q-Route
- Radial 1
- Radial 2
- Distance
- Alt. Min
- Alt. Max
- Date
- Status
- Requirement/Remarks

The screenshot below shows the general ESV search screen followed by the search results report formats from each of the ESV report lists.

C C Http://192168.7.2/ C C C C C C C C C C C C C C C C C C C	riews/ReportsSearch.aspuTreportTypesApprove: D + C Dashboard Since Gallery ▼ @ ESVMS Associate ESV FMO	1 1921687.72 1921687.72 http://1921687.7	x 22/Views/ReportsSearch.aspx?reportType	=Approved	-	- 0 →
	Expanded	Service Volume Manage	ement System			
Dashboard	Approved ESVs Report	Search for Appr	oved ESVs Report			
View ESV						
Admin FOV	Region:	All Regions	State: All State	s 🗸		
Addin ESV	Identifier:		Frequency (M,K):			
User/Security	Facility:		Q Route:			
	SIDS:		STARS:			
Session Tracking	From (mm/dd/yyyy):		To (mm/dd/yyyy):			
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Approved ESVs	·					
Disapproved ESVs						
Restricted ESVs						
Cancelled ESVs						
Pending/Detail ESVs						
Available Roles						
RO						
FICO						
FIFO Super Admin						
SEMO						
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Appendix 1 contains additional samples of the ESV reports for the several ESV report categories.

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			Approved ESVs Rep	orts		
			REGION-EA			
DENT - LFI	City - LANGLEY	FREQUENCY - M1157	FACILITY - NONE			
SV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
762361-017	73		47	50	230	3/13/2017
equirement	170428R HEELS INT. MILI ROBERT PRESSLER VN13	TARY USE ONLY. DISTANCE 4 7 N71 ON 03/13/2017.	6.09. 170508 PEND FLT CHK	@ REQ. DIST .& MIN ALT. C	APACITY STUDY REQ./INCF	EASE MILITARY OPS HEELS INT. FC B
VID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
762361-018	83		44	50	230	
quirement	MILITARY OPS DARTT D	ME FIX.				
V ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
762361-009	90	216	49	180	400	
quirement	900101E ARR FIX 900101A	900101A				
V ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
762361-019	93		42	50	230	
quirement	MILITARY OPS RAPTR D	ME FIX.				
SV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
F 762361-020	107		56	30	230	3/21/2017
equirement	170306E GRANDFATHERI ON 03/21/2017.	ED: ATLIC AR9. 170306 PEND FI	.T CHK @ REQ. DIST .& MII	NALT. CAPACITY STUDY RE	EQ./INCREASE ATLIC AR9. F	C SAT BY DURLEY FELDER VN053 N67
SV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
762361-008	216	107	60	70	200	
quirement	900101E ARR FIX 900101A	900101A				
SV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
762361-006	248	107	59	17	240	
equirement	900101E FIX JET ARR 900	101A 900101A				
			REGION-EA			
DENT - SGC	City - DULLES	FREQUENCY - M999	FACILITY - DME			
SVID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
AA 010536-002	11		19	30	48	7/24/2007
equirement	090813E GRANDFATHERI	ED: DADEY INT, ILS OR LOC RV	WY 19L (KIA),FC 090820 App REGION-EA	roved. Pend. Flight Chk/Inspect	@ the req. dist. and MIN ALT.	
DENT - OIU	City - WASHINGTON DUL INTL	LES FREQUENCY - M110.75	FACILITY - LOC			
SV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Flight Check Date
A A 060033-001	191		18	47	50	4/18/2011

Approved ESV Report Sample

Pending ESV Report Sample

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			Dending ESVe Reporte			
			REGION-EA			
IDENT - LFI	City - LANGLEY FREQU	JENCY - M333 8 FACILITY - NO	NE			
Reference Number: 180	039605					
ESV ID	Radial 1 Radial	2 Distance	Alt Min	Alt Max	Date	Status
AF 762092-001	12	56	45	67	3/21/2018	SENT TO FMO
Requirement	qwer					
Reference Number: 180	039679					
ESV ID	Radial 1 Radial	2 Distance	Alt Min	Alt Max	Date	Status
AF 762092-002	12	45	32	43	3/27/2018	SENT TO FMO
Requirement						
			REGION-EA			
IDENT - DHY	City - NEWPORT NEWS FREQU	JENCY - M110.1 FACILITY - LO	C			
Reference Number: 180	039608					
ESV ID	Radial 1 Radial	2 Distance	Alt Min	Alt Max	Date	Status
FAA 021808-001	21	45	32	43	3/21/2018	FMO APPROVE
Requirement	APPROVED. FREQ. PROTECTION	& FIELD STRENGTH. PENDING FLI	GHT INSPECT @ REQUIRE	ED. DIST. & MIN ALT.		
FAA 021808-001	21	45	32	43	3/21/2018	SFMO APPROVE
Requirement	APPROVED. FREQ. PROTECTION	& FIELD STRENGTH. PENDING FLI	GHT INSPECT @ REQUIRE	D. DIST. & MIN ALT.		
FAA 021808-001	21	45	32	43	3/21/2018	SENT TO FMO
Requirement	21	15	22	42	2/21/2010	SENT TO FILO
FAA 021808-001	21	45	32	43	3/21/2018	SENT TO FIFO
EAA 021808 001	21	45	22	43	3/21/2019	PO TO FICO
PAA 021808-001	ADDROVED FREO BROTECTION	& FIELD STRENGTH DENDING ELL	OUT INSDUCT @ PUOLIDE	45 ED DIST & MINALT	5/21/2016	ROTOFICO
Reference Number: 180	39629	& FIELD STRENGTH, PENDING FEI	onn marner @ kngend	D. DIST. & MIN ALT.		
ESV ID	Radial 1 Radial	2 Distance	Alt Min	Alt May	Date	Statue
EAA 021808-002	21	76	43	65	3/21/2018	SENT TO FMO
Requirement	21	,,,		05	5/21/2010	SERT TO THO
FAA 021808-002	21	76	43	65	3/21/2018	FMO APPROVE
Requirement	APPROVED. FREQ. PROTECTION	& FIELD STRENGTH. PENDING FLI	GHT INSPECT @ REQUIRE	ED. DIST. & MIN ALT.		
FAA 021808-002	21	76	43	65	3/21/2018	SFMO APPROVE
Requirement	APPROVED. FREQ. PROTECTION	& FIELD STRENGTH. PENDING FLI	GHT INSPECT @ REQUIRE	ED. DIST. & MIN ALT.		
Reference Number: 180	039630					
ESV ID	Radial 1 Radial	2 Distance	Alt Min	Alt Max	Date	Status
FAA 021808-003	21	76	43	65	3/21/2018	SENT TO FMO

Disapproved ESV Report Sample

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				Disapproved ESVs Reports			
				REGION-EA			
DENT - CSN	City - CASANOVA	FREQUENCY - M11	6.3 FACILITY - H	I-VOR			
eference Number: 090	22241						
SV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AA 682016-006	272		56	100	175	2/3/2009	SENT TO FMO
equirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682016-006	272		56	100	175	2/3/2009	FMO APPROVE
equirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682016-006	272		56	100	175	2/3/2009	SFMO APPROVE
equirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682016-006	272		56	100	175	2/3/2009	AVN TO FICO
lequirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682016-006	272		56	100	175	2/3/2009	SENT TO FIFO
lequirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682016-006	272	0	56	100	175	2/3/2009	FIFO DISAPPROVE
lequirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
				REGION-EA			
DENT - CSN	City - CASANOVA	FREQUENCY - M11	97 FACILITY - 1	ACAN			
leference Number: 090	22242						
SV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AA 682017-005	272		56	100	175	2/3/2009	SENT TO FMO
equirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682017-005	272		56	100	175	2/3/2009	FMO APPROVE
equirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682017-005	272		56	100	175	2/3/2009	SFMO APPROVE
equirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682017-005	272		56	100	175	2/3/2009	AVN TO FICO
lequirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682017-005	272		56	100	175	2/3/2009	SENT TO FIFO
equirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
AA 682017-005	272	0	56	100	175	2/3/2009	FIFO DISAPPROVE
lequirement	GRANDFATHERED	EXISTING TTUMS FIX ON	V128, V377				
				REGION-EA			
)ENT - SBV	City - SOUTH BOST	ON FREQUENCY - M10	02 FACILITY - 1	ACAN			

Restricted ESV Report Sample

2 A L http://10216	20772/Parante/Parante annu?constitution Parkinted		D 400 400 7 70	E 402450 7 72		
http://192.16	8.7.72/Reports/Reports.aspx?reportType=Restricted	D + C Dashboard	192.168.7.72	192.168.7.72 ×		
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			Restricted ESVs Reports			
			REGION-EA			
ENT - SBV	City - SOUTH BOSTON FREQUE	ENCY - M1002 FACILITY - TA	ACAN			
eference Number: 100	049680					
SV ID	Radial 1 Radial 2	Distance	Alt Min	Alt Max	Date	Status
AA 683652-027	86	55	23	175	4/22/2010	SENT TO FMO
equirement	V266 TO LVL DUE TO LVL RESTRI	CTION				
AA 683652-027	86	55	23	175	4/22/2010	FMO APPROVE
equirement	V266 TO LVL DUE TO LVL RESTRI	CTION				
AA 683652-027	86	55	23	175	4/22/2010	SFMO APPROVE
equirement	V266 TO LVL DUE TO LVL RESTRI	CTION				
AA 683652-027	86	55	23	175	4/22/2010	AVN TO FICO
equirement	V266 TO LVL DUE TO LVL RESTRI	CTION				
AA 683652-027	86	55	23	175	4/22/2010	SENT TO FIFO
equirement	V266 TO LVL DUE TO LVL RESTRI	CTION				
AA 683652-027	86 0	55	30	175	4/22/2010	FIFO RESTRICT
equirement	V266 TO LVL DUE TO LVL RESTRI	CTION				
eference Number: 120	063470					
SV ID	Radial 1 Radial 2	Distance	Alt Min	Alt Max	Date	Status
A 683652-035	150 174	59	38	200	6/7/2012	SENT TO FMO
equirement	ESTABLISH ESV FOR KRDU RNAV	SIDS				
AA 683652-035	150 174	59	38	140	6/7/2012	FMO RESTRICT
equirement	ESTABLISH ESV FOR KRDU RNAV	SIDS				
AA 683652-035	150 174	59	38	140	6/7/2012	FMO RESTRICT
equirement	ESTABLISH ESV FOR KRDU RNAV	SIDS				
• • • • • • • • • • • • • • • • • • •	150 174	59	38	140	6/7/2012	SFMO RESTRICT
AA 683652-035	ESTADI ICU ECV EOD V DDU DNAV	SIDS				
AA 683652-035 equirement	ESTABLISH ESV FOR KRDU RIVAV		20	140	6/7/2012	SFMO RESTRICT
AA 683652-035 equirement AA 683652-035	150 174	59	30			
AA 683652-035 quirement AA 683652-035 quirement	150 174 ESTABLISH ESV FOR KRDU RNAV	59 SIDS	38			
AA 683652-035 equirement AA 683652-035 equirement AA 683652-035	150 174 ESTABLISH ESV FOR KRDU RNAV 150 174	59 SIDS 59	38	140	6/7/2012	REQ to FICO
AA 683652-035 equirement AA 683652-035 equirement AA 683652-035 equirement	150 174 ESTABLISH ESV FOR KRDU RNAV 150 174 ESTABLISH ESV FOR KRDU RNAV	59 SIDS 59 SIDS	38	140	6/7/2012	REQ to FICO
AA 883652-035 equirement AA 683652-035 equirement AA 683652-035 equirement AA 683652-035	150 174 ESTABLISH ESV FOR KRDU RNAV 150 174 ESTABLISH ESV FOR KRDU RNAV 150 174 ESTABLISH ESV FOR KRDU RNAV 150 174 150 174 150 174	59 SIDS 59 SIDS 59	38	140	6/7/2012 6/7/2012	REQ to FICO SENT TO FIFO
AA 683652-035 equirement AA 683652-035 equirement AA 683652-035 equirement AA 683652-035 equirement	ISTABLISH EV FOR KRDU RNAV ISTABLISH ESV FOR KRDU RNAV ISTABLISH ESV FOR KRDU RNAV ISTABLISH ESV FOR KRDU RNAV ISTABLISH ESV FOR KRDU RNAV	59 SIDS 59 SIDS 59 SIDS	38	140 140	6/7/2012 6/7/2012	REQ to FICO SENT TO FIFO

Cancelled ESV Report Sample

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			(Cancelled ESVs Reports			
				REGION-EA			
IDENT - LFI	City - LANGLE	Y FREQUENCY - N	11157 FACILITY - NON	E			
Reference Number: 17	7034639						
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AF 762361-001	18	0	24	17	270	3/6/2017	CANCELLED ESV
Requirement	SCR-185 VOR/1	AC 1. NO PROCEDURE USE	FOR LFI USAF, ORF OR ZD	C.			
Reference Number: 17	7034640						
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AF 762361-002	55	0	54	17	230	3/6/2017	CANCELLED ESV
Requirement	SCR-185 VOR/I	AC 1. NO PROCEDURAL US	E FOR LFI USAF, ORF, OR 2	ZDC.			
Reference Number: 17	7118844						-
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AF /62361-004	104	107	41	20	230	11/22/2017	CANCELLED ESV
Requirement	SID. DME: UNU	JSABLE 103-165 BYD 30. FC I	BY ROBERT PRESSLER VN	137 N67 ON 03/17/2017.			
Reference Number: 1/	7054642 Dediet 1	D-4-10	Distance	A16 X C	A14 3.6	Dete	Ctature .
AE 762261 010	104		Distance	Alt Min	Alt Max 150	2/6/2017	CANCELLED ESV
Requirement	SID NO PROCE	TOURAL USE FOR LELUSAE	ORE OR ZDC	20	450	5/0/2017	CANCELLED ESV
Reference Number: 17	7034643	DOIGHE OSE FOR EFFOSAI,	old, old 200.				
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AE 762361-011	104	0	41	20	230	3/6/2017	CANCELLEDESV
Requirement	SID. NO PROCE	DURAL USE FOR LFI USAF.	ORF. OR ZDC.	20	250	5/0/2017	
Reference Number: 17	7045659						
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AF 762361-005	107	107	56	30	230	4/28/2017	CANCELLED ESV
Requirement	ATLIC AR9. DU	PLICATE. RADIAL 2 NOT N	EEDED.				
Reference Number: 17	7034638						
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AF 762361-016	110	0	57	40	180	3/6/2017	CANCELLED ESV
Requirement	ATLIC OA. DU	PLICATE. INCORRECT RADI	AL.				
Reference Number: 17	7034644						
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AF 762361-012	244	0	76	50	70	3/6/2017	CANCELLED ESV
Requirement	ARR PROCEDU	JRE. NO PROCEDURAL USE	FOR LFI USAF OR ORF.				
Reference Number: 17	/034645						
	the second second	0.41.41.0		Also Man	Alla Moss	10-44	

7.5. Available Roles (Selection)

The ESVMS systems allows each given user role to access a specific menu of functionality within the application unique to that role. The left menu display earlier characterized the given functions for each role.

The selection of a separate role assigned to the user is a very straightforward operation. The left menu shows that available roles to the user and by simply clicking on the new role in the left menu, the user is immediately moved to the new role at the default dashboard function for that role.

8.0. Help (Access)

The ESVMS System provides user access to the ESVMS User manual and will contain additional help resources as they are deployed to support the user.

9.0. Webmaster Support

The ESVMS system will allow the user contact the Spectrum Helpdesk to report ESVMS system or other operational errors. The ESVMS system routinely captures detected application errors and collects an error trace snapshot of the state of the kernel when an exception occurred. This information is emailed automatically to the helpdesk mailbox to improve the data available when an exception is encountered.

The webmaster support addresses scenarios wherein the user is hampered from completing his task and operational objective, such that a report of the issue and possible workaround approach might be devised.

10.0. Logout

The ESVMs user is allow immediate access to logout of the application via the left menu.

11.0. ESVMS Requesting Officer Role

The first and primary ESVMS role is the Requesting Officer (RO) – as outlined earlier, Users in this role have the ability to establish, revise, and cancel ESV requests, as well as view the status of requests as they proceed through the workflow process. The operation of the functions are outlined in this section.

The functions to be covered are:

- Associate ESV FMO
- Establish ESV
- Revise ESV
- Edit ESV
- ESV Graphs

12.0. Associate ESV FMO

The ESVs which have been submitted by the current "logged in" requestor to the FMO FAA Spectrum for engineering are shown in a table on the landing page for Associate ESV FMO function.

Click on the Associate ESV FMO on the left pane and the existing ESVs will be displayed.

Click on the ESV and the facility data will be displayed with the information like serial, ref#, chart name, city, Q-route, frequency, facility type and State

The request type will state what type of request – Establish or Revise

The required signature link when clicked will display the First name, Last name, Program office, Phone#, Fax# and Email Address.

The Super FMO signature link when clicked will provide the First name, Last name, Program office, Phone.

The RO can select the ESV and click the 'Send to FICO Liaison' button and the ESV is send to the FICO successfully and the sent ESV is marked in yellow highlights
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C () 11 http://192.168.7.72/V	/iews/AssociateESVFMO.aspx	P = C Associate ESV FMO ×			_		<u>ଜ አ</u> 6
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Federal Aviat Administratio	ion on						
		Expanded Serv	ice volume i	lanagement S	ystem		
Dashboard	Associate ESV FMO						
View EEV	-			Facility Data			
VIEW ESV		C	lick on a record to	Choose Alternatives	s for an ESV request.		
Associate ESV EMO	Export To Excel						
	Ref #	City	State	Ident	Frequency	Туре	Date
Establish ESV	18049868	JOHNS ISLAND	SC	ETI	1005-MHz	DME	04/12/2018
	18049811	WESTOVER	MA	CEF	1174-MHz	TACAN	04/06/2018
Revise ESV	18049779	BARABOO	WI	DLL	1204-MHz	TACAN	04/04/2018
	18039680	CASANOVA	VA	CSN	1197-MH2	IACAN	03/27/2018
Cancel ESV	18029396	JOHNSTOWN	PA	JSI	1164-MHz	DMER	02/06/2018
	18029395	JOHNSTOWN	PA	151	113-MHZ	L-VOR	02/06/2018
Edit ESV			Request Type	e :			
Check Status	T						
				Facility Data			
Reports			Enter in	formation in the activ	ve fields.		
		Serial #:					
Approved ESVs		Ref #:		Frequency ((M,K):		
Disapproved ESVs		*Chart Name:		Facility	Type:		
Cancelled ESVS		City			State:		
Pending/Detail ESVs		o Posta			State.		
Available Roles		Q Roule.					
				ESV Data			
RO				ESV Data			
FICO							
FIFO							
Super Admin		Routing Symbol:					
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Also the RO can select the 'Disapprove Alternatives' radio button and click the click the 'Send to FICO Liaison' button.

The RO user can click on the print detailed report link to view the report

C D Http://192.168.7.72/Vi	iews/Associate	eESVFMODetails.aspx	Q	- C 📄 Asso	ciate ESV FMC	x c			-		10.000	- □ -× ŵ ☆ ∜
Rederal Aviati Administratio	lice Gallery 👻 ion n	🖗 ESVMS 📙 Associate	ESV FMO									
					Expand	ed Servic	ce Volu	me Managei	nent S	System		
Dashboard	Associat	e ESV FMO Details										
Norm FON				Serial	#: AF 0371	137		1				
VIEW ESV				Ref	#: 1804981	11		Frequency (M,K	M1174			
Associate ESV FMO				*Chart Nam	e: chartnan	ne		Facility Type		1		
				Cit	y: WESTO	VER		State	MA :			
Establish ESV				Q Rout	e: qroute55	5						
Revise ESV	i — —							FSVI	Data			
Cancol E6V	Step	ESV ID	Route	Name	Radial 1	Radial 2	Distano	e Alt. Minim	ım	Alt. Maximum	Requirement	
Curren Eov	RO	AF 037137-001		qroute55	55	55	5	55	55		requirement to test afm functionality without fasttrack	
Edit ESV	FMO	AF 037137-001		qroute55	55	55	5	55	55		requirement to test afm functionality without fasttrack	
	SFMO	AF 037137-001		qroute55	55	55	5	55	55		requirement to test afm functionality without fasttrack	
Check Status	RO	AF 037137-001		groute55	55	55	5	55	55		requirement to test afm functionality without fasttrack	
Reports												
1.50%					SEMO S	Signature: TES	STmulti TES	зт	Routin	a Symbol:		
Disapproved ESVs				F	For Contact	Details click t	the above H	lyperlink	Routin	Date: 1/6/201	8	
Restricted ESVs					or contact	Details eller t	ine above n	typetilitik		Date. 4/0/201		
Cancelled ESVs								Print Detail	ed Repor	t		
Pending/Detail ESVs										-		
Available Roles												
RO												
FICO												
FIFO												
Super Admin												
SEMU												

13.0. Establish ESV

This feature allows the RO to create a new ESV

- Click on the left-side navigation panel button marked Establish ESV. The screen will first appear blank.
- In the Search Criteria section, select one, a combination, all, or no fields in this section to arrive at a select number of records.
- Click the Search button.
- The list of ESVs is displayed matching the unique criteria facility record. OR, if the search does not find an exact match at a specific facility, the system will display all the records that meet the selected criteria.
- Double-click on a record from the Facility Data area that you want to establish an ESV.
- The Establish ESV screen is advanced to the next level to allow the user to create a new ESV.

Click on the establish ESV link next to the facility you want to create a new ESV

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A P Suggested Sites	Slice Gallery - A ESVMS						00 23						
Federal Aviat Administratio	ion on												
		Expanded Servic	e Volume Managen	nent System									
Dashboard	Establish ESV												
View ESV	-		Search Cr	riteria eria to access records									
Associate ESV FMO													
Establish ESV	Identifier: Frequency (M,K): City: State:												
Revise ESV	Facility: DME Q Route:												
Cancel ESV			Search	Clear									
dit ESV		Click on a	Facility a record to view associated	ESV details in the ESV data to	able.								
hock Statuc	- Serial No.	City	State	Identifier	Frequency	Туре	Action						
	FAA 030060	JOHNS ISLAND	SC	ETI	M1005	DME	Establish ESV						
Reports	FAA 000778	NORWOOD	MA	OWD	M981	DME	Establish ESV						
	FAA 000821	MEMPHIS	TN	TSE	M1003	DME	Establish ESV						
Approved ESVs	FAA 000839	SAINI LOUIS	MO	KIVIK	M1141	DME	Establish ESV						
Disapproved ESVs	FAA 021236	ASPEN	NE	MCK	M1187	DME	Establish ESV						
Cancelled ESVs	FAA 021246	MECCOOK	AR	VMU	M985	DME	Establish ESV						
Pending/Detail ESVs	FAA 012039	SANFORD	NC	TTA	M1131	DME	Establish ESV						
Available Roles	FAA 021421	ALLENTOWN	PA	GUW	M1109	DME	Establish ESV						
	FAA 021779	OMAHA	NE	EDI	M1135	DME	Establish ESV						
RO	1 2 3 4 5 6 7 8 9 10												
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Super Admin	STEP ESV ID Route	Name Radial 1	Radial 2 Distan	ace Alt. Minimum	Alt. Maximum		Requirement						

The new Establish data page gets populated and enter the following data, such as Chart name, radial1, alt minimum, alt maximum, distance and requirement. The radial 2 will be disabled by default for

new ESV.

The required option either Qroute or SID or STARS should be selected, and the value should be entered. Click the 'Send to FMO' button or the 'Save as Draft' to save in draft

In some cases, if the ESV is paired with another facility, when the 'Send to FMO' Button. The question is displayed as 'Is there an ESV required on the 'Paired-With' facility. If 'Yes' is clicked, the paired with facility information is displayed. The data should be entered and then click the 'Send to FMO' button.

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Associate ESV FMO		5	Serial #: FAA 030060 Ref #: 18049834	Frequency (M,K	K): M1005
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Available Roles					
RO FICO FIFO Super Admin SFMO Help	Signature: <u>TESTmulti TEST</u> For Contact Details click the above	Routing Symbol Hyperlink Date	: ajw : 4/10/2018 Save As Draft	Clear	Send to FMO
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14.0. Revise ESV

This functionality is used to revise an ESV

- Search a facility record by entering one or all fields in the search criteria to Revise ESVs.
- Provide direct access to the ESV request form, when a user enters facility description that matches an entry in the database.
- Display the Facility Data populated with facility data, when the user's search criteria retrieve more than one facility record from the database.
- Select a Facility Record from the facility data table to view associated ESVs.
 Select a facility record, and access the ESV request form to revise an ESV.

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Establish ESV	-	Identifier: City:		F	equency (M,K): State:	Select a State						
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Cancel ESV				Search	Clear							
Edit ESV	Facility Data Click on a record to view associated ESV details in the ESV data table.											
Check Status	- Serial No.		City		State	Identifier	Frequency	Type	Action			
	FAA 030939		NORMAN		OK	BWM	M1143	DME	Revise ESV			
Reports	FAA 081426		CLEVELAND HORKINS INT		OH	CLE	M1017	DIVIE	Revise ESV			
	FAA 092093		LAS VEGAS		NV	BLE	M1141	DME	Revise FSV			
Approved ESVs	FAA 110583		OUVE BRANCH		MS	EVO	M1139	DME	Revise ESV			
Disapproved ESVs	EAA 150145		CHICAGO			BYW	M1007	DMF	Revise FSV			
Cancelled ESVs	FAA 672132		ALBANY		GA	PZD	M1195	DMER	Revise FSV			
Pending/Detail ESVs	FAA 680420		LEXINGTON		KY	HYK	M1160	DMER	Revise FSV			
Available Roles	EAA 701366		LEBANON		NH	LEB	M1171	DME	Revise FSV			
	FAA 701389		BARTIESVILLE		OK	BVO	M1218	DME	Revise FSV			
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Click on the 'Revise ESV' link next to the facility for which the ESV needs to be revised.

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Disapproved ESVs		FAA 110583				OLIVE	E BRANCH	N			EVO	M1139	DME	Revise ESV
Restricted ESVs		FAA 150145				CH	IICAGO	IL			BYW	M1007	DME	Revise ESV
Cancelled ESVs		FAA 672132				A	LBANY					M1195	DMER	Revise ESV
Pending/Detail ESVs		FAA 680420				LEX	INGTON			KY	НҮК	M1160	DMER	Revise ESV
Available Roles		FAA 701366				LEI	BANON			NH	LEB	M11/1	DME	Revise ESV
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Modify the ESV and click 'Send to FMO' or 'Save as draft' button.

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15.0. Cancel ESV:

The RO can delete a saved ESV request, before it has been sent to the FMO.

Click on the Cancel ESV in the left pane, the search screen is displayed.

Select the Cancel ESV link next to the facility data you would like to cancel.

The Cancel ESV screen is displayed.

Click the "Delete" button on the button bar.

When the dialog box asks "Are you sure you want to delete this record?" click OK. The record will be permanently deleted.

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Pending/Detail ESVs		FAA 680420			LEX	INGTON			KY	нүк	M1160	DMER	Cancel ESV
Available Roles		FAA 701366			LE	BANON			NH	LEB	M1171	DME	Cancel ESV
		FAA 701389			BAR	TLESVILLE			OK	BVO	M1213	DME	Cancel ESV
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	City: OLIVE BRANCH State: MS	
Revise ESV	Q Route: V	
Cancel ESV	Enter proposed ESV data in the active fields.	
Edit ESV	*Radial 1: Magnetic* *Alt Minimum: 00 ft (MSL) *Distance: NML	
	Radial 2: Magnetic *Alt Maximum: 100 ft (MSL)	
Check Status	Requiring	
Reports	ESV Data	
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16.0. Edit ESV

This feature is used to edit an ESV

Click on the 'Edit ESV' in the left pane. The facility data is displayed. Edit the following fields

- Chart name
- radial 1
- alt minimum
- alt maximum
- Requirement or distance.

Click 'Save as Draft' or 'Send to FMO' or 'Delete'

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17.0. ESV Graphs

When the FMO receives a request via the ESV Management System (ESVMS) to establish, revise or cancel and ESV, the FMO shall engineer each ESV and approve the proposed request, if appropriate, via the ESVMS. As a result of an approval, the Flight Inspection Office will conduct a flight check of the ESV. The results of this action will be communicated to Technical Operations ATC Spectrum Engineering Services (via the ESVMS) for final review and approval. Technical Operations ATC Spectrum Engineering Services will enter the approval into the ESVMS, which subsequently

generates an input into the AFM national data base and a notification of the action taken back to the FMO.

A new functionality has been added to the existing ESVMS application that automates the current manual process of using ESV Calculator tool to validate both 'New' and 'Existing' ESVs in relationship to the new Nextgen and VORMON Service Volumes.

- Any new ESV needs to be validated via ESV tool to confirm the need for the new ESV in the NextGen service volumes.
- For existing ESVs the ESV calculator is employed to determine the need based of the characteristics of the new ESV against the NextGen Service Volume and inform the user to 1) Remove/Cancel or 2) Modify/Edit or 3) Sustain/Establish the evaluated ESV.
- In case of frequency change on an existing facility, the ESV calculator must be used to validate the movement of the ESV to the new frequency. The new frequency facility 'CAN NOT' become active unless the old frequency is 'Deleted/Archived' in AFM.
- The ESV Calculator focuses on four (4) Service volume classes. They are DH, DL, VH and VL.

The user with RO role has the option to use the Tool menu from the left hand selection menu bar to Find any ESV and view/ modify any DL Class, DH Class, VL Class and VH Class graphs using the new NextGen functionality in the improved ESVMS application as mentioned above.

When the user clicks on ESV Graphs from the Tool menu, the system displays the below screenshot with DL Class auto selected at the top:

Federal Aviati Administratio	on n
	Extended Service Volume Management System
Dashboard	ESV Tools
	Chart object is not supported in this browser, please use Chrome or latest Edge
View ESV	DL Class DH Class VL Class VH Class Serial: Find ESV
Associate ESV FMO	DL Class Criteria
Establish ESV	The DL-class is only applicable to the DME and TACAN systems that are part of NextGen DME Program. The Service Volume is not applicable for DMEs associated with NDRs. Localizers or Markers
Revise ESV	
Cancel ESV	Facility Elevation: ft (MSL) ESV Range: NM ESV Min Altitude: ft (MSL) Enow Enow Enow Enow Enow
Edit ESV	Is ESV obselete?
Check Status	Is ESV greater than 130-nmi?
Reports	Is ESV below the SSV lower curve and needs amendment? Amended Altitudes: Is ESV above SSV, less than 130NM, and needs amendment? Amended Altitudes:
Approved ESVs Disapproved ESVs Restricted ESVs Cancelled ESVs Pending/Detail ESVs Available Roles RO FICO FIFO Super Admin SFMO Tools ESV Graphs Help WebMaster Support Logout	

The RO can then click 'Find ESV' button on the right hand corner after entering the Serial Number to view results. Another option to select ESV is to enter values in the fields Facility Elevation, ESV Range, ESV Min. Altitude and ESV Max. Altitude and click "Show Graph" button. The system displays the graph related to the Class selected at the top. Sample graph for DL Class is shown below:



Based on the answers on the initial DL Class, DH Class, VL Class and VH Class questions, the user is presented with the desired graphs and given the options to CANCEL, AMEND or NO CHANGE TO ESV. The user can also REVISE an ESV in the ESV calculator tool using the "Is ESV obsolete" value without leaving the chart tool.

The ESV evaluation tool guides the user through all the different options available in the tool. Some examples are shown below:

CANCEL ESV



NO CHANGE TO ESV



AMEND ESV



18.0. ESVMS Flight Inspection Central Office Role

Flight Inspection Central Office (FICO) User – This role have the functionality to aggregate the ESVs entered by the Requester and them for flight inspection as well as Admin ESVs for accuracy and quality

19.0. Associate ESV

Select the Associate ESV function, and the FICO ESV Search page displays the Search Criteria to provide for the access to desired facility record records. The search criteria parameters are:

- ESV Reference Number
- FAA ID
- Frequency
- Facility Type
- Procedure
- City
- State

The FICO Associate ESVs page lists all submitted ESV sent to the FICO Liaison by requestors for Flight Check packaging are shown by default in the data table. The FICO search results show:

- Table format of submitted ESVs
- ESV Ref. #
- City
- State
- FAA Ident
- Frequency
- Type
- Date

Upon selection (single click) of a given ESV, the further ESV data details are shown in the format below:

A double-click on the highlighted record allows the user to Associate the ESV to the Flight Check package.

The ESV data parameters shown:

- Step*
- ESV ID
- Radial 1
- Radial 2
- Distance
- Alt. Min
- Alt. Max
- Requirement

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Check Status						Show R	ecords not pro	cessed by FIC Clear	0: 🗌			
Admin ESV					Only the	e first 300 recon	Facility	/ Data ed. Click on a	Record to View ESV's			
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Restricted ESVs		18039608			NEWPORT NEWS	,	A	DHY	M110.1	LOC	03/21/2018	Associate ESV
Cancelled ESVs		18039633			NEWPORT NEWS		A	DHY	M110.1	LOC	03/21/2018	Associate ESV
Pending/Detail ESVs		18039647			SEARCT		ir i	UST	M110.1	LUC	10/12/2018	Associate ESV
Available Roles		11044988			BLOOMINGTON		N	00M	M110.2	LVOR	04/19/2011	Associate ESV
RO		17014246			EAST TEXAS		A	ETX	M110.2	L-VOR	01/29/2017	Associate ESV
FICO		12097923			MINNEAPOLIS	N	IN	MSP	M110.3	LOC	09/23/2012	Associate ESV
FIFO		17055676			LAS VEGAS	1	IV	LAS	M110.3	LOC	05/01/2017	Associate ESV
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Enter the text in FICO routing symbol, AirSpace docket number and chartname. Click 'Send to FIFO' button.

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20.0. Magnetic Variation

The ESVMS magnetic variation change function, displays a search page to provide entering search criteria to locate the desired facility record. The entry criteria options are:

- FAA ID
- Frequency
- City
- State

The Search results will display a list of all facilities meeting the search criteria and display the information using the following data format:

- FAA Serial Number
- City
- State
- FAA ID
- Frequency
- Facility Type

The user can select the desired record to view associated facility details in the target facility details form and the ESV data table on that facility record.

The target facility form contains:

- FAA Serial Number
- Airspace Docket Number
- ESV Reference Number
- Frequency
- Chart Name
- Facility Type
- City
- State

Each existing ESV on the facility is displayed with the following parameters:

- ESV ID
- Q-Route
- Radial 1
- Radial 2
- Distance
- Alt. Min
- Alt. Max
- Requirement

The option to perform the magnetic variation update is displayed at the bottom of the webpage. The incremental magnetic variation change from the existing magnetic variation should be entered in the first box preceded by a plus or minus function. The second data box requests the entry for the absolute magnetic variation for the facility.

Please be advised that the QROUTE ESVs are entered as TRUE, and not magnetic, hence Q-Routes are NOT rotated by this process.

The action buttons displayed are 'Clear" and "Send to AFM"

Please review screen shots below:

← → http://192.168.7.71/V	'iews/MagneticVariati	on.aspx		-	ۍ - م	192.168.7.71	×		granati i 🌘 D. Saati	angle (i) 2 means to be	- □ - × A ☆ {
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Mag. Variation						F	acility:	Q Ro	ute:		
Revise ESV	-							Search Clear			
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Admin ESV	-	Se	rial #				City	State	Identifier	Frequency	Туре
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Reports		FAA	764042				ROANOKE	VA	SZK	M111.1	LOC
Approved ESVs Disapproved ESVs		FAA	597339				GLADE SPRING	VA	GZG	M110.2	L-VOR
Restricted ESVs		FAA	597417 703970				FLAT ROCK LYNCHBURG	VA VA	FAK	M113.3 M990	H-VOR TACAN
Pending/Detail ESVs		AF 7	62361				LANGLEY	VA	LFI	M1157	NONE
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21.0. ESVMS Flight Inspection Field Office Role

The Flight Inspection Field Office is responsible for evaluating the proposed and engineering ESVs, primarily by completing a flight check inspecting and testing of the given ESV.

The Flight Inspection Field Office (FIFO) Role, the Dashboard Menu will provide the FIFO Officer access to the following unique operational functions:

The FIFO Dashboard

FIFO Evaluate ESV

Role: FIFO

Module: Dashboard

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sociate ESV EMO	FAA 830939 - 001	IAD 03	3/19/2018	WASHINGTON DULLES INTL	VA	M110.1	21	0	45	32	43	18039599	SENT TO FMO	03/19/2018
	FAA 795176 - 012	BWD 04	4/10/2018	BROWNWOOD	TX	M984	140	236	85	80	200	18049717	SENT TO FMO	04/10/2018
stablish ESV	FAA 780514 - 006	MHT 04	4/10/2018	MANCHESTER	NH	M1178	30	70	77	44	55	18049711	SENT TO FMO	04/10/2018
	FAA 764042 - 001	SZK 03	3/30/2018	ROANOKE	VA	M111.1	251	0	51	81	91	18039625	SENT TO FMO	03/30/2018
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	FAA 704194 - 001	FSD 04	4/10/2018	SIOUX FALLS	SD	M1184	331	345	108	180	200	18049714	SENT TO FMO	04/10/2018
ncel ESV	FAA 704149 - 011	RLG 03	3/21/2018	KREMMLING	co	M1172	13	0	14	13	13	18039613	SENT TO FMO	03/21/2018
	FAA 703970 - 005	LYH 04	4/05/2018	LYNCHBURG	VA	M990	251	21	41	51	171	18049645	SENT TO FMO	04/05/2018
it esv	FAA 702652 - 013	MVA 04	4/04/2018	MINA	NV	M1185	173	187	45	159	223	18049644	SENT TO FMO	04/04/2018
	FAA 701389 - 003	BVO 04	4/09/2018	BARTLESVILLE	OK	M1213	154	201	65	52	200	18049680	SENT TO FMO	04/09/2018
eck Status	FAA 701368 - 050	VUZ 04	4/10/2018	BIRMINGHAM	AL	M1178	12	12	12	12	12	18049712	SENT TO FMO	04/10/2018
	FAA 701366 - 004	LEB 04	4/10/2018	LEBANON	NH	M1171	5	50	89	180	450	18049707	SENT TO FMO	04/10/2018
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American ECVa	FAA 698109 - 009	GZG 04	4/10/2018	GLADE SPRING	VA	M1000	93	180	69	90	240	18049716	SENT TO FMO	04/10/2018
Approved ESVs	FAA 682017 - 019	CSN 04	4/09/2018	CASANOVA	VA	M1197	80	150	55	22	33	18049679	SENT TO FMO	04/09/2018
Restricted ESVs	FAA 682017 - 012	CSN 04	4/06/2018	CASANOVA	VA	M1197	88	88	88	88	88	18049659	SENT TO FMO	04/06/2018
Cancelled ESVs	FAA 680420 - 012	HYK 04	4/09/2018	LEXINGTON	KY	M1160	357	7	78	40	190	18049681	SENT TO FMO	04/09/2018
Pending/Detail ESVs	FAA 680420 - 002	HYK 03	3/20/2018	LEXINGTON	KY	M1160	282	0	161	181	231	18039606	SENT TO FMO	03/20/2018
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The FIFO Dashboard displays all the ESV records which have been processed through and are deemed ready to be evaluated by Flight Inspection testing.

Click the reference number to see the ESV detailed report

ESVMS 12.0.0 for the FAA- Spectrum Engineering Automation System (SEAS) Support for Spectrum Engineering Services Organization (AJW-15)

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21.1. FIFO: Evaluate ESV

The FIFO Evaluate ESV initially provides a search page to allow the user to enter search criteria to access the desired ESV facility record records. The search entry criteria consist of:

- ESV Reference Number
- FAA ID
- Frequency
- Facility Type
- Procedure/Q-Route
- City
- State

Following the search, the FIFO Evaluate ESV Facility Results Data Table lists all packaged ESVs sent to the FIFO by FICO for Flight Check in the table.

The FIFO search populates the list with the results only, and by default all existing will show.

The table format of submitted ESVs with:

• ESV Reference Number

- City
- State
- FAA Ident
- Frequency
- Facility Type
- Date

Upon selection (single click) of a given ESV, further ESV details are shown in the role based format below which outlines that actions and comments of each stakeholder.

The ESV technical data is expands details showing:

- Step*
- ESV ID
- Radial 1
- Radial 2
- Distance
- Alt. Min
- Alt. Max
- Requirement

The double-click action on the highlighted record allows the FIFO user to begin the Evaluate ESV
process based on the Flight Check Inspection.

The FIFO evaluation page which is triggered by the double click on the highlighted record allows the FIFO user to begin the "Evaluate ESV process" based on the Flight Check.

The Initial Action box is prepopulated showing the request type: Establish

The initial data to be entered are:

- 1. The Date of the Flight Check
- 2. Flight Check Pilot Name (Dropdown)

The expanded page shows the details and remarks by all stakeholders beginning from the requester. All stakeholders contact information is available via hyperlink from the individual data blocks.

The format is: Stakeholder remarks, Signature, Routing symbol and Date.

Following the Data blocks of the Requestor, FMO, SFMO, there is the checkbook for Approve All. For the FIFO officer to approve process presents the required fields of: Date of Flight Check, Pilot's Name, Remarks (Text Block Entry), and FAA Routing Code/Symbol, with the FIFO signature box.

For the Q-Route ESVs when selected, the Pilot Name and Flight Date is NOT mandatory fields, Q-Route ESVs are unique in this manner.

The webpage bottom buttons finalize the process by allowing the user options of: Save as Draft, Clear, or "Send to AFM"

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		08071321	KAHULUI		HI	OGG		1185-MHz	TACAN	07/25/2008	Evaluate ESV
RO		08106180	ST JOHNS		AZ	SJN		1157-MHz	TACAN	10/10/2008	Evaluate ESV
FICO		08106181	ST JOHNS		AZ	SJN		112.3-MHz	H-VOR	10/10/2008	Evaluate ESV
FIFO Current Admin		09022841	IMPERIAL		CA	IPL		1193-MHz	TACAN	02/20/2009	Evaluate ESV
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Logout	AVN F	AA 711309-007		303	0	18	50	55	GRANDFATHERED: PAULY INT Evalua	te ESV
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22.0. ESVMS Super Administrator Role

The Super Administrator role is provisioned the authority to administer, revise and manage key elements of the ESVMS system. The SA role can perform ESVMS user information updates, including Username and Passwords and modify the actions/records on the requester ESV applications.

The Super Administrator (SA) Role, the Dashboard Menu will provides the SA User access to the following unique operational functions

- 1. Admin ESV
- 2. User Administration
- 3. Session Tracking
- 4. Upload to AFM
- 5. Assign ESV
- 6. ESVMS Reports: ESV Statistics

22.1. Super Admin: Admin ESV

The Admin ESV function allow the SA to address given situations where special handling is required. For example: If an ESV is required to be modified or re-engineering by the FMO prior to scheduling the flight check, and/or the purpose and the requirement information documented on the ESV must

be updated to better reflect the proposed use or the ESV supports additional procedures.

The ESV Search results show both the facility and ESV in the ESV format:

- FAA Serial Number
- ESV Reference Number
- Frequency
- FAA ID
- Chart Name
- Facility Type
- City
- State

The existing ESVs on the facility is displayed with the following parameters:

- ESV reference Number
- ESV ID
- Q-Route
- Radial 1
- Radial 2
- Distance
- Alt. Min
- Alt. Max
- Requirement

The form data allows the user to modify the ESV and "Send to FMO" to re-engineer as required. Brief samples of this function are shown below:

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Dashboard	Admin ESV	
View ESV	To delete, modify or send an application back to FMO, enter the reference number	
	*Reference Number: 18030590 v	
Associate ESV FMO		
Establish ESV	Display ESVs. Clear	
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Cancel ESV		
Edit ESV		
Check Status		
Reports		
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Disapproved ESVs		
Restricted ESVs		
Cancelled ESVs		
Pending/Detail ESVs		
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The 'Delete ESV' and 'Modify ESV' button will be displayed. Click delete ESV button to delete an ESV.

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				Cit	y: WASH	HINGTON D	ULLES INTL		State: V	A		
Upload AFM								501/ 0-1-				
Assign ESV							Click	on an ESV to Send it h	ack to EMO			
	Step	ESV ID	Route	Name	Radial 1	Radial 2	Distance	Alt. Minimum	Alt. Maximum	Requirement	Action	
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ESV Statistics												
Available Roles							Delete ESV	Clear	Modify ESV	1		
RO												
FICO												
FIFO												
SFMO												
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Select Modify ESV button and edit the Radial 1, Alt minimum and Alt. maximum and requirements fields click the 'Send back to FMO' button

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Help						-				\sim
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22.2. Super Admin: User Security

Click on 'User/Security'. The search page is displayed. Enter the user name and click search. The user details is displayed, modify the data and click submit button

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Cancelled ESVs	*First Name: Victoria **Last Name: Rabuck	
Pending/Detail ESVs	Title: *Program Office: AJW-3751	
ESV Statistics	"Phone #: (301) 713-2965 Fax #:	
Available Roles	*Email: smahali@faaseas.com *City: Silver Spring	
RO	*State: MD	
FICO		Guest
FIFO		
Super Admin	Submit Clear	
Help		~

The Super Administrator (SA) is permitted to search for existing user accounts in the ESVMS database. The user database may be searched by first or last names.

Search text box labeled: Lookup Existing Personnel:

Upon entering the name to be searched, the results show the existing accounts in the format: Account Name: Role(s):

The account name can be clicked to populate the details for that account.

The format is:

- *Last Name:
- *First Name:
- Middle Initial:
- *Login ID:
- Password: (hidden)
- Title:
- Program Office:
- Phone #:
- Fax #:
- *Email:
- *City:
- State:

Account status checkboxes for: Active: Locked: Account Roles: Requesting Officer: FICO: FIFO: Super Admin: SFMO: Guest:

The administrator is allowed to update any of the fields as appropriate. The Action buttons are: "Submit" and "Clear"

For each Administrator submission, a successful conformation message will state: "Update was successfully"

22.3. Super Admin: Session Tracking

This Session Tracking function allows for the search of ESVMS Requesting Officer Users and their session login history. The search criteria for this function is:

- First Name:
- Last Name:

- Start Date:
- End Date:

The Action buttons are: Submit and Clear

Upon submission the session login history of the user is shown in a table format with headings: Name:

- Start Date:
- End Date:
- Start Time:
- End Time: Duration:(minutes)

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View ESV		Start Date:			End Date:						
Admin ESV				Submit Clear					_		
User/Security		Name	Start Date	Start Time	End Date	End Time	Du	ration(in minutes)	-		
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Session Tracking		Victor hinton	03-17-2010	09.40.13	03-17-2010	09.38.30	10		-		
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opioud Ai M		Victor hinton	03-01-2010	15:12:52	03-01-2010	15:42:06	29		_		
Assign ESV		Victor hinton	02-24-2010	14:01:05	02-24-2010	14:23:04	22				
-		Victor hinton	02-24-2010	12:23:42	02-24-2010	12:46:43	23				
Reports		Victor hinton	02-24-2010	11:31:57	02-24-2010	11:53:22	21				
		Victor hinton	02-22-2010	14:23:12	02-22-2010	14:48:10	25				
Approved ESVs		Victor hinton	02-22-2010	14:18:53	02-22-2010	14:19:32	1				
Disapproved ES	Vs	1 2 3 4 5 6 7 8 9	10								
Cancelled ESVs Cancelled ESVs Pending/Detail E ESV Statistics Available Roles	ESVs										
RO FICO FIFO Super Admin SFMO											
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22.4. Super Admin: Upload AFM

On occasion, an ESV record may have been processed in ESVMS and is anticipated to not be available in the AFM database for FAA Spectrum access.

The "Upload to AFM" functionality requires the ESV be complete in the processing within the ESVMS system. The allowed search criteria is via the ESVMS Reference number. After entering the ESVMS Reference number, the action buttons allow the user to: Submit or Clear.

Sample		screenshot	for	'Upload	AFM".
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22.5. Super Admin: Assign ESV

On occasion, a requester (RO) may begin the ESV establishment process and is re-assigned to another job function or goes on vacation prior to completing the process.

This function provides more accurately a "re-assignment" of an ESV from one ESVMS user to another. Typically, the ESVMS system allows a user to originate, submit, review the engineering, and track the ESV establishment process through to completion. Occasionally, it becomes necessary to re-assign to ESV tracking to another user.

This assign ESV function allows for the search of ESVMS Requesting Officer Users and the ESVs they are tracking. The search criteria for this function is:

- First Name:
- Last Name:
- ESV Reference Number:

The Action buttons are: Submit and Clear

The search results display the responsible user for the given ESV reference number. Or, if a user name is entered, a listing of the ESVs being tracked is shown.

The data format is:

- ESV ID:
- Owner's ID:

- Role:
- Reference #:
- Status:

The search screen and result for an ESV reference number is shown below:

← C © @ evensuatiaa.gov/Views/AssignESV.aspx Extended Service Volume Management System Description Dashboard Assign ESV Search Criteria Dashboard Assign ESV Search Criteria Admin ESV User/Socurity Search Criteria Session Tracking Unime: Last Upload AFM Assign ESV Search Criteria Approved ESVs Search Criteria Clear Approved ESVs Search Criteria Clear Approved ESVs Search Criteria Clear Approved ESVs Click on a record to view this ESV owner's information, and all the potential replacement for this owner. Available Koles Ka6972Fo27 FMO 13122440 FMO APPROVE Ro FICO EVU Kade Torteria Status Available Koles Ka6972Fo27 FMO 1312240 FMO APPROVE	*										
Federal Aviation Extended Service Volume Management System Dashboard Assign ESV Search Criteria Admin ESV User/ Security Session Tracking Upload AFM Assign ESV Search Citeria Clear Approved ESVs Disapproved ESVs Disapproved ESVs Click on a record to view this ESV owner's information, and all the potential replacement for this owner. Available Roles RA 697276:027 RA 697276:027 Ro 13122440 Reference Number Status Available Roles RA 697276:027 Ro 13122440 Reference Number Status Assign ESV ID Reference Number Status RA 697276:027 RNO 13122440 Reference Number </th <th></th> <th></th> <th></th>											
Extended Service Volume Management System Dashboard Assign ESV View ESV Search Criteria Admin ESV Enter any or all search criteria to access records User / Security Seasch Criteria Session Tracking Last Name: Upload AFM Assign ESV Reports Approved ESVs Disapproved ESVs Cancelled ESVs Cancelled ESVs Pending/Detail ESVs ESV Statistics R0 FICO FICO FICO R0 FICO FICO R0 FICO FICO											
Dashboard Assign ESV Admin ESV Enter any or all search Criteria User / Security Enter any or all search criteria to access records Session Tracking Last Name: Upload AFM Reference Number: Assign ESV Search Clear Reports Search Clear Approved ESVs Disapproved ESVs Restricted ESVs Cancelled ESVs Pending/Detail ESVs ESV Statistics Click on a record to view this ESV owner's information, and all the potential replacement for this owner. RO FLCO EEO FAG97276-027 FMO 13122440 SFMO APPROVE FMO appROVE RO FLCO EEO FAG97276-027 FMO 13122440 SFMO APPROVE FMO appROVE FMO appROVE SEARD SFMO APPROVE FMO appROVE FMO appROVE											
View ESV Search Criteria Admin ESV Enter any or all search criteria to access records User/Security First Last Session Tracking Name Name Upload AFM Assign ESV Search Clear Reports Search Clear Search Clear Approved ESVs Search Clear Clear Approved ESVs Click on a record to view this ESV owner's information, and all the potential replacement for this owner. Acancelled ESVs Esv Statistics FMA 697276-027 RO FAG 697276-027 FMO 13122440 FCO FAG 697276-027 FMO 13122440 FAG 697276-027 FMO 13122440 SFMO APPROVE FAG 697276-027 FMO 13122440 SFMO APPROVE FAG 697276-027 FMO 13122440 SFMO APPROVE FAG 697276-027 FMO 1312240 SFMO APPROVE FAG 697276-027 FMO 1312240 SFMT OF MO FAG 697276-027 FMO 1312240 SFMT OF FMO FAG 697276-027 FMO 1312240 SFMT OF FMO											
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Approved ESVs Assign ESV Data Disapproved ESVs Cancelled ESVs Restricted ESVs Click on a record to view this ESV owner's information, and all the potential replacement for this owner. Pending/Detail ESVs ESV Statistics Available Roles FAA.697276-027 FAA.697276-027 FMO FICO FAA.697276-027 FICO FAA.697276-027											
ESV Statistics ESV ID Role Reference Number Status Available Roles FAA 697276-027 SFMO 13122440 SFMO APPROVE RO FAA 697276-027 FMO 13122440 SFMO APPROVE FLCO FAA 697276-027 RO 13122440 SFMO APPROVE FLCO FAA 697276-027 RO 13122440 SENT TO FMO FLCO FAA 697276-027 RO 13122440 SENT TO FMO	Assign ESV Data Click on a record to view this ESV owner's information, and all the potential replacement for this owner.										
Available Roles FAA.699276-027 SFMO 13122440 SFMO APPROVE RO FAA.699276-027 FMO 13122440 FMO APPROVE FLCO FAA.697276-027 RO 13122440 SENT TO FMO FLCO FAA.697276-027 RO 13122440 SENT TO FMO FLCO FAA.697276-027 FLCO 13122440 SENT TO FMO											
RO FAA 697276-027 FMO 13122440 FMO APPROVE RO FAA 697276-027 RO 13122440 SENT TO FMO FICO FAA 697276-027 RO 13122440 SENT TO FMO FICO FAA 697276-027 FICO 13122440 SENT TO FMO											
FLCO FAA 697276-027 RO 13122440 SENT TO FMO FILCO FAA 697276-027 FICO 13122440 SENT TO FMO											
FIGO 13122440 SENT TO FIFO											
Super Admin SFMO			1								
нер											
WebMaster Support											
Logout											
FAA for Aeronautical Navigation Products Our Safety Culture Stay Connect											
Pilots Airport Diagrams FAA Mission Facebook	ted										

After selecting the ESV step from which to reassign the ESV the below screen shot shows the specifics of the ESV and "owner", with a listing of candidate ESVMS personnel to which the ESV can be reassigned.

esvmsuat.faa.gov/Views/ ×				
← → C ① esvmsuat.faa.gov/Vie	ews/AssignNewUser.aspx			
Federal Aviation Administration				
	E	tended Service Vo	lume Management Sy	stem
Dashboard	ESV Informati	on:		
View ESV				
View ESV		501/15	EAA 007070 007	
Admin ESV		ESVID	FAA 697276-027	
		Owner	Sid: 602	
User/Security		Admin	noo Number: 12122440	
Session Tracking		Retere	• SENT TO FIED	
		Status	. SENT TO FIFU	
Upload AFM				
Assign ESV		Click	on the user to reassign the	ESV
	User ID	First Name	Last Name	User Login ID
Reports	1021	Clive	Bond	ccbond
Approved ECV/a	1238	raji	dhanagar	rdhanagar
Disapproved ESVs	1229	Rebecca	Gurney	jeckybean
Restricted ESVs	1008	Dennis	Hughes	dhughes
Cancelled ESVs	941	Michael	Lin	mlin
Pending/Detail ESVs	347	MARY	MCDONALD	michigan1
Available Roles	1056	lester	OST	tester1
	849	david	sining	sinninga
RO				
FICO				
Super Admin				
SFMO				
Help				
WebMaster Support				
Logout				
FAA for	Aeronaut	ical Navigation Products	Our Safety Culture	,
Pilots	Airport Diag	ams	FAA Mission	
4				

22.6. Super Admin: ESVMS Reports – ESV Statistics

The ESVMS system provides summary statistics for annual and quarterly processing of ESVs.

Historically, FAA regions were the geographical reference for Spectrum field operations, hence the legacy regions are currently the rows being define for the ESV statistics. The columns divisions are the ESVMS Operational Roles, such as RO, FMO, SFMO, FICO, FIFO and totals. The top table shows ESVs for two (2) radial ESVs such as Q-routes. The lower table provides the statistics on regular or one (1) radial ESVs.

The screen shot below shows sample top level statistics data for ESVs.

										-		- 0 ×
	ports/ESVStatistics 🔎 - C 📔	Dashi	ooard			18	192.16	8.7.72	×		· · · ·	☆ ☆
🚖 🗿 Suggested Sites 🔻 🗿 Web SI	ce Gallery 🔻 🧃 ESVMS 📔 Associate ESV FMO											
												^
Federal Aviati	on											
Administratio	n											
MISTRA												
			Expan	ded	l Ser	vice	Vo	ume	Management Syster	n		
Dashboard				Fev	Ctation		. 4/4.0	0010				
				ESV	Statist	ics by	Qua	rter				
View ESV	First Quarter Ser	cond (Duarter	Third	Quarte	er Foi	urth G	uarter				
Admin ESV	Number of ESV A	oplica	tions initi	iated	in the la	ast one	e Yea	r 1156	5			
	Number of OBout	e ES\	/ applicat	tions	pending	hv re	nion.					
User/Security			RO/AVN	FMO	SFMO	FICO	FIFO	Total				
		AL	0	0	0	0	0	0				
Session Tracking		CE	0	0	0	0	10	10				
Upload AFM		EA	1	8	0	0	2	11				
		GL	0	1	0	0	47	48				
Assign ESV		NE	2	5	0	3	2	12				
		NM	1	8	0	1	68	78				
Reports		SO	3	4	0	0	11	18				
Approved ESVs		SW	2	13	0	1	12	28				
Disapproved ESVs		WP	6	4	0	1	14	25				
Restricted ESVs												
Cancelled ESVs	Number of Regula	ar ES\	/ applicat	tions	pending	g by re	gion:					
ESV Statistics			RO/AVN	FMO	SFMO	FICO	FIFO	Total				
Available Roles		AL	1	2	0	2	22	27				
		CE	1	1	0	1	190	193				
RO		EA	3	34	0	4	230	2/1				
FIEO		GL	0	3	0	1	425	429				
Super Admin		NE	2	26	0	4	222	20				
SFMO		NIM SO	2	12	4	2	324	356				
Help		00	-	12	-	2	004	000				~
<												>

Appendix 1: ESVMS Reports Sample and Fields Specification

The Generic Sample Format for ESVMS Reports is shown here below. Following this generic format, a conceptual summary of the fields in the report and the data types, character length, limits and the associated description is presented in a table to quantify the content of the report.

Then, several samples of the major report types are presented to document the column structure for reports for:

- Approved ESVs
- Disapproved ESVs
- Cancelled ESVs
- Pending ESVs
- Restricted ESVs

Generic Sample for ESV Reports:

Ident -	LAX City - LOS	S ANGE	LES,	CA	Freque	ency - 113.6	Facility - H-VOR		
<u>Reference</u>	<u># - 12039707</u>								
Role	ESV ID	Radial	1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
Super FMO	FAA 690799-	-024	234	0	197	260	450	03/20/2012 _R	SFMO ESTRICT

Requirement : GRANDFATHERED: SADDE STAR, ELKEY INT.

Remarks: RESTRICTED. INADEQUATE COVERAGE AT ALT MIN FL=260 RULE/POLICY. VOR SIGNAL STRENGTH(DBW) =

ESVMS Reports Field Descriptions and Specifications Table

Report	Field	Data type	Field	Data	Comments
Section	Description		Length	Limits	
Header	FAA IDENT	Alpha-	4 Char	No	FAA ID
		Numeric		Special	
				Char	
	City	Alpha	32		Proper Name
	-	_	Char		-

Report	Field	Data type	Field	Data	Comments
Section	Description		Length	Limits	
	State	Alpha	4 Char	State	International state
				Code	codes
	Frequency	Numeric w/	16	Formatted	NNN – MHz, KHz
		alpha(MHz,	Char		NNN.NNN –
		KHz)			/units
	Facility Type	Alpha	32	FSEP	FSEP data
			Char	Data &	
				format	
ESV	ESVMS	Hyperlinked	8 Char	Numeric	Direct Link to ESV
Display	Reference				History Report
Line	Number				
ESV	Role	Alpha-	16		Step ESV
Description		Numeric	Char		completed
	ESV_ID	Alpha-	32		FAA Serial Plus
	Number	Numeric	Char		ESV Sequence
					Number
	Radial 1	Numeric	3 Char	1 to 360	zero not used
	Radial 2	Numeric	3 Char	1 to 360	
	Distance	Numeric	3 Char	1 to 999	Typ. < 150
	Alt.	Numeric	3 Char	1 to 999	Typ. < 450
	Minimum				• •
	Alt.	Numeric	3 Char	1 to 999	Typ. < 450
	Maximum				
	Date	Numeric &	12	Date	MM/DD/YYYY
		Spec. Char	Char	Format	
	Status	Alpha	16	Text	Role Action
			Char		Taken.
	Requirement	Alpha-	160	Text	Implies definition
		Numeric	Chars		or use of ESV
	Remarks	Alpha-	160	Text	Comments and
		Numeric	Chars		notes from ESV
					analysis
Next ESV	Begins above				List shows all steps
Step	at Role				completed for the
Completed					given ESV
					reference number
Next ESV	Begins at				List shows all ESV
Display	ESV				Reference
	Reference				numbers in
	Number				selected report
					criteria
ESV Reports sample formats by report Type

Approved ESVs Report

Region - WP

Ident - FNP City - SAN FRANCISCO, CA Frequency - 1131-MHz Facility - DME

ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Fight Check Date
FAA 000595-00	07 101	0	20	60	70	08/18/2015
Requirement: 1 LDA/DME RW	130130E FI2 Y 28R KSFC	X FATUS). FC BY SC	SFO LDA COTT THOM	R28R 130131 IPSON VN167	APPROV N57 ON 08/	ZED. FATUS /18/2015
FAA 000595-00	08101	0	23	70	90	08/18/2015
Requirement:	130130E FD	X ANETE	SFO LDA	R28R 130131	APPROV	ED. ANETE

LDA/DME RWY 28R KSFO. FC BY SCOTT THOMPSON VN167 N57 ON 08/18/2015

Ident - SJC City - SAN JOSE, CA Frequency - 1007-MHz Facility - DME

ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Fight Check Date
FAA 040355-00	2 126	0	30	40	120	

Requirement : 040820E ILS OR LOC/DME RWY 30L 040820 061202 AVN - 150

Ident BIHA	City -	BISHC	OP, CA	Freque	ency - 989-MH	Iz Facili	Facility - DME	
ESV ID	Rad	lial 1	Radial 2	Distance	Alt Min	Alt Max	Fight Check Date	
FAA 06097	6-001	321	0	14	86	175		

Requirement: 080416E GRANDFATHERED: EBOBE, LDA DME RWY 16 AT KBIH, FC SAT 080416 Approved. 080509 AVN-150 ORIG, SAT THOMPSON, 3/27/08, N59

	ESVMS 12.0.0 for the FAA- Spectrum Engineering Automation System (SEAS) Support for Spectrum Engineering Services Organization (AJW-15)										
FAA 06	0976-002321		0		18	89	17	5			
Requirement: 080416E GRANDFATHERED: FEDGO, LDA DME RWY 16 AT KBIH, FC SAT 080416 Approved. 080509 AVN-150 ORIG, SAT THOMPSON, 3/27/08, N59											
FAA 06	0976-003321		0		23	100	17	5			
Require SAT 080	e ment: 08041 0416 Approv	.6E GRA ed. 0805	ANDFA 509 AV	ATHEI 'N-150	RED: HA' ORIG, S.	TAG, LDA AT THOM	DME F PSON, 3	RWY 16 AT 2/27/08, N59	T KBIH, FC		
			Dis	appr	oved E	SVs Repo	ort				
				F	Region -	WP					
Ident -	FLW City - Fl	ELLOWS,	, CA		Freq	uency - 117	.5-MHz	Facility -	L-VOR		
Reference	e # - 11075740	C									
Role	ESV ID	Radial	1 Ra	dial 2	Distance	Alt Min	Alt Ma>	c Date	Status		
Super FMO	FAA 68283	8-006	78	0	50	80	175	07/11/2011	SFMO APPROVE		

Requirement: FOR FIX: LEBEC; ORIGINAL ESV WAS LIMITED TO 9000 MSL.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
FIFO	FAA 682838-	-006 78	0	50	80	175 10/2	25/2011 DIS	FIFO SAPPROVE

Requirement: FOR FIX: LEBEC; ORIGINAL ESV WAS LIMITED TO 9000 MSL. ,UNSAT AT 8000,FC 9/6/11,THOMPSON

Role	ESV ID	Radial 1	. Ra	adial 2	Distance	Alt Min	Alt Max	Date	Status
FICO	FAA 682838	3-006	78	0	50	80	175	07/12/2011,	SENT TO FIFO

Remarks: FOR FIX: LEBEC; ORIGINAL ESV WAS LIMITED TO 9000 MSL.

Role ES	V ID F	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
RequestorFAA	682838-	-006 78	8 0	50	80	175	07/11/2011	AVN TO FICO

Remarks: FOR FIX: LEBEC; ORIGINAL ESV WAS LIMITED TO 9000 MSL.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Role	ESV ID	Radial 1	Radial	2	Distance	Alt Min	Alt Max	z Date	Status
FMO H	FAA 682838	8-006	78	0	50	80	175	07/08/2011	FMO APPROVE

Remarks: FOR FIX: LEBEC; ORIGINAL ESV WAS LIMITED TO 9000 MSL.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Role	ESV ID	Radial :	L R	adial 2	Distance	Alt Min	Alt Max	Date	Status
Requestor	FAA 68283	38-006	78	0	50	80	175	07/06/2011	SENT TO FMO

Requirement: FOR FIX: LEBEC; ORIGINAL ESV WAS LIMITED TO 9000 MSL.

Cancelled ESVs Report

Region - SO

Ident - COF City - PATRICK, FL	Frequency - 1184-MHz	Facility - NONE
Reference # - 18039580		

Role	ESV ID	Radial 1	L Radial	2 I	Distance	Alt Min	Alt	Max Da	ite Status
AF 811610	-001	64	90	40	16	2	200	03/01/201	8 CANCELLED ESV

Remarks: KCOF HI-ALT APCH. CANCEL NO HI-APPROACHES EXIST.

Ident - PAM City - TYNDALL, FL Frequency - 110.1-MHz Facility - NONE

ESVMS 12.0.0 for the FAA- Spectrum Engineering Automation System (SEAS) Support for Spectrum Engineering Services Organization (AJW-15)

Reference #	- 17076	484							
Role	ESV ID	Radial 1	Radial	2	Distance	Alt Min	Alt Ma	ix Date	Status
AF 987043	-001	135	0	20	21	1	45 0	7/07/2017 ^{C.}	ANCELLED ESV

Remarks: CESBU FIX, ILS OR LOC RWY 31R, FC 9/18/13, DUPLICATE. MAG VAR/RWY CHG.

Ident - SRQ	City - S	ARASOTA, I	FL	Fred	uency - 11	F	Facility - H-VOR		
Reference # -	17066093	1							
Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt	Max	Date	Status
FAA 070099	9-017	87	0	44	100	146	06/07/2	2017 ^{CAN}	CELLED ESV

Remarks: DOWNN MINEE STAR. DUPLICATE. MIN ALT CHG.

Reference #	- 170660	87						
Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt M	lax Date	Status
FAA 0700	99-021	356	0	52	26	60 (06/07/2017 ^C	ANCELLED ESV

Remarks: GEZZR HOLDING PATTERN, VOR/DME-B (KPIE). NO ESV REQUIRED FOR HOLDING.

Pending ESVs Report

Region - WP

Ident - SIA City - SAN FRANCISCO, CA Frequency - 108.9-MHz Facility - LOC

<u>Reference #</u>	- 18039620	<u>0</u>							
Role	ESV ID	Radial 1	. Rad	ial 2	Distance	Alt Min	Alt Max	Date	Status
Requestor	FAA 6710	12-004	14	0	18	45	60	03/08/2018	SENT TO FMO

Requirement: GRANDFATHERED: BERKS ILS OR LOC RWY 19L KSFO.

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
FICO	FAA 671012	-004 14	4 0	18	45	60	03/14/2018	SENT TO FIFO

Remarks: GRANDFATHERED: BERKS ILS OR LOC RWY 19L KSFO.

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
FMO I	FAA 671012	2-004 1	4 0	18	45	60	03/13/2018	FMO APPROVE

Remarks: GRANDFATHERED: BERKS ILS OR LOC RWY 19L KSFO.GRANDFATHER RULE/POLICY. LOC SIGNAL STRENGTH(DBW) =

Role	ESV ID	Radial 1	Rac	lial 2	Distance	Alt Min	Alt Max	Date	Status
Requestor	FAA 67101	12-004	14	0	18	45	60	03/14/201	8 AVN TO FICO

Remarks: GRANDFATHERED: BERKS ILS OR LOC RWY 19L KSFO.APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
Super FMO	FAA 671012	2-004	14 0	18	45	60	03/14/2018	SFMO APPROVE

Requirement: GRANDFATHERED: BERKS ILS OR LOC RWY 19L KSFO.APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.

Ident -	LIN City - LI	NDEN, C	A		Freque	ency - 114.	Facility - H-VOR		
Reference	<u>e # - 13058249</u>	<u>)</u>							
Role	ESV ID	Radial :	1 Ra	adial 2	Distance	Alt Min	Alt Max	Date	Status
FICO	FAA 68030	8-027	343	0	56	120	175	03/18/2014	SENT TO FIFO

Remarks: FLUNK INT NEW ALT.

Role	ESV ID	Radial 1	Radial 2	2	Distance	Alt Min	Alt Max	Date	Status
RequestorF	AA 680308	8-027	343	0	56	120	175	05/02/2013,	SENT FO FMO

Requirement : FLUNK INT NEW ALT.

Role	ESV ID	Radial 1	L Rad	ial 2	Distance	Alt Min	Alt Max	Date	Status
Super FMO	FAA 680308-	-027	343	0	56	120	175	05/02/2013	SFMO APPROVE

Requirement: FLUNK INT NEW ALT.APPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Role ESV ID	Radial 1	L Radia	12	Distance	Alt Min	Alt Max	Date	Status
RequestorFAA 680308	3-027	343	0	56	120	175	05/02/2013	AVN TO FICO

Remarks: FLUNK INT NEW ALT.APPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Role	ESV ID	Radial	1 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
FMO I	FAA 680308	-027	343	0	56	120	175	05/02/2013	FMO APPROVE

Remarks: FLUNK INT NEW ALT.APPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Region - WP

Ident - AHC City - AMEDEE AAF, CA					Frequ	iency - 109	Facility - VOR		
Reference	e # - 0802930	0							
Role	ESV ID	Radial	1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
Request	orAR 77607	1-004	88	0	26	120	140	12/13/200)4 SENT TO FMO
Require	ement :								
Role	ESV ID	Radial	1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
FMO	AR 776071	-004	88	0	26	120	140	12/13/2004	FMO APPROVE
Remark	(S:								
Role	ESV ID	Radial	1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
Super FMO	AR 776071-	-004	88	0	26	90	140 1	2/19/2006	SFMO RESTRICT
Require	ement : RES	TRICTI	ED I	BY FLIG	HT INSPE	CTION			
Role	ESV ID	Radial	1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
AJW	AR 776071	-004	88	0	26	97	140 ()9/04/2008	AJW APPROVE
Remark	IS:								
Role	ESV ID	Radial	1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
Request	orAR 77607	1-004	88	0	26	90	140	12/19/200	06 REQ to FICO

Requirement : RESTRICTED BY FLIGHT INSPECTION

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status

ESVMS 12.0.0 for the FAA- Spectrum Engineering Automation System (SEAS) Support for
Spectrum Engineering Services Organization (AJW-15)

FICO	AR 776071-004	88	0	26	90	140	08/29/2008 SENT TO FIFO

Remarks:

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Ma	x Date	Status
FIFO	AR 776071-	004 88	0	26	97	140	08/29/2008 ₁	FIFO RESTRICT

Requirement : FC SAT @9700, KOSCHEKA, N66, 4/12/2005

Role	ESV ID	Radial	1	Radial 2	Distance	Alt Min	Alt Ma	x Date	Status
Super FMO	AR 776071-	004	88	0	26	90	140	12/19/2006 _H	SFMO RESTRICT

Requirement : RESTRICTED BY FLIGHT INSPECTION

Appendix 2: ESVMS Details Report

The ESVMS Details Report contains the summarized history of the ESV processing process. The report shows the facility date on the ESV, followed by chronological steps and status of the ESV as it progresses through the establishment, engineering, and flight inspection steps. The dashboard and the ESV Reports listings and given search results typically display the ESV Reference number. The ESV Reference Number often will contain a hyper link to the ESV Details Report.

The content of the report is outlined below including an example.

The ESV Details Report contains:

- a. Originating Office
- b. Airspace Docket Number
- c. Request Type

Facility Data

- d. Chart Name
- e. City
- f. State
- g. FAA Ident
- h. Facility Type
- i. Frequency
- j. Reference Number

Expanded Service Volume Data: (Requesting Officer)

- k. ESV ID
- 1. Radial 1
- m. Radial 2
- n. Distance
- o. Minimum Altitude
- p. Maximum Altitude
- q. Action Type
- r. Requirement

- s. Signature
 - t. Routing Symbol

Date Expanded Service Volume Data: (FMO)

- u. ESV ID
- v. Radial 1
- w. Radial 2
- x. Distance
- y. Minimum Altitude
- z. Maximum Altitude
- aa. Action Type
- bb. Requirement
- cc. Signature
- dd. Routing Symbol
- ee. Date

Date Expanded Service Volume Data: (Super FMO)

- ff. ESV ID
- gg. Radial 1
- hh. Radial 2
- ii. Distance
- jj. Minimum Altitude
- kk. Maximum Altitude
- ll. Action Type
- mm. Requirement
- nn. Signature
- oo. Routing Symbol
- pp. Date

Date Expanded Service Volume Data: (FIFO)

- qq. ESV ID
- rr. Radial 1
- ss. Radial 2
- tt. Distance

- uu. Minimum Altitude
- vv. Maximum Altitude
- ww. Action Type
- xx. Requirement/Remarks
- yy. Signature
- zz. Routing Symbol
- aaa. Date

A Sample of the ESV Details Report is shown below:

