



ESVMS Military Module User Manual

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Revision History

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1. Introduction

1.1. Purpose

The Expanded Service Volume Management System (ESVMS) Military Module User Manual is designed to give ESVMS military users the information required to use the ESVMS Military Module system to establish, revise or cancel Expanded Service Volumes (ESVs).

The ESVMS Military Module system takes advantage of the latest development environment using web-based, thin client solutions operating on the FAA's public site.

1.2. Intended Audience

This document is intended for ESVMS Military users, FAA Requesting Officers and Regional Frequency Management Officers.

Knowledge of FAA, DOT, DOD, NTIA, FCC, ITU, and ICAO policies and procedures are required to use this application however are not addressed in this document.

1.3. Background

Currently ESVMS Military users request ESVs by completing a PDF form (FAA Form 6050-4) or by completing the old online 6050-4 HTML form and e-mailing the request to Frequency Management Officers (FMO) for further processing. The new ESVMS Military Module system is an automated system used to replace this manual process.

The ESVMS Military Module system is a browser-enabled custom application for establishing, revising or canceling an ESV from FAA's public web site.

2. Visiting the ESVMS Military Module site

To access the ESVMS Military Module site:

1. Start the browser on your PC. This may be done in several different ways depending upon how individual PC's have been configured. For example:
 - Click the "Start" button, under "Programs" locate the Internet Explorer (IE) browser and select it to start the browser; or,
 - On your desktop locate the IE browser icon and double-click it to start the browser.
2. Navigate to ATC Spectrum Engineering Services Extended Service Volume Request page from URL:
http://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/te_chops/spec_management/library/esvms.cfm

3. Registering a New User

Within the ESVMS Military Module, users have the capability to register for a new **Username & Password** on the system.

In this section you will learn about:

- [Completing registration request form](#)
- [Viewing registration confirmation receipts](#)

3.1 Completing ‘6050-4’ registration request form

Before completing the ‘6050-4’-registration request form, the user must navigate to the military module. (Refer to section 3.2-*Visiting the ESVMS Military Module Site*).

1. On the “**Expanded Service Volume Request**” page, click the “**Get New Credentials**” command button.

The screenshot shows a web browser window displaying the FAA's 'Expanded Service Volume Request' page. The page header includes the FAA logo and navigation links such as 'FAA Home', 'About FAA', 'Jobs', 'News', and 'Library'. Below the header is a search bar and a 'Quick Find' dropdown. The main content area is titled 'Expanded Service Volume Request' and contains a 'Help' button, a note that an asterisk indicates required fields, and a login section. The login section has fields for '*Username:' and '*Password:', an 'Enter' button, and a 'Please Log In' prompt. Below the login section is a 'Register for a new User Name and Password' section with a 'Get New Credentials' button. At the bottom of the registration section is a 'Forget your User Name or Password?' section with a 'Get Old Credentials' button. A blue callout box at the bottom left of the page points to the 'Get New Credentials' button and contains the text 'Get New Credentials'. The footer of the page indicates it was updated on July 31, 2007.

2. Enter registration information in the appropriate fields.
3. Click “**Enter**” to submit request.

services - Expanded Service Volume Request - Microsoft Internet Explorer

ce_org/headquarters_offices/ato/service_units/techops/spec_management/library/esvms_register.cfm

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Spectrum Engineering Services (ATC) Topics

- Spectrum Assignment and Engineering Office
- Spectrum Planning and International Office
- Spectrum Testing and Engineering Analysis Office
- Locations
- Contact Us
- Library
- Links

Expanded Service Volume Request

Go to Main Page Help

faa.gov Tools
Print this page
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* indicates required field

Registration Request for use by Military or Requesting Office

*Requesting Officer First Name:

*Requesting Officer Last Name:

*Requesting Officer e-mail ID:

*Telephone Number:

*Username:

*Password:

Enter

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3.2 Viewing registration confirmation/receipt



After user submits a valid registration request, a confirmation/receipt page is displayed. An email confirming the credentials will be sent to the email address provided during registration.

The screenshot shows a web browser window displaying the FAA website. The address bar shows the URL: http://www.faa.gov/headquarters_offices/ato/service_units/techops/spec_management/library/esvms_subregister.cfm. The page header includes the FAA logo and navigation links: [FAA Home](#), [About FAA](#), [Jobs](#), [News](#), [Library](#), [Pilots](#), [Travelers](#), [Mechanics](#), and [More](#). Below the header is a search bar with a "Go" button and a "Quick Find" dropdown menu. The main content area features a blue sidebar on the left with the following links: [Spectrum Engineering Services \(ATC\) Topics](#), [Spectrum Assignment and Engineering Office](#), [Spectrum Planning and International Office](#), [Spectrum Testing and Engineering Analysis Office](#), [Locations](#), [Contact Us](#), [Library](#), and [Links](#). The main content area displays the following text:

Your Information Has Been Successfully Submitted
An email confirming your credentials will be sent to you. Please keep this for future use.

If you have any questions please contact the Federal Aviation Administration's Office of Spectrum Engineering Services (ATC) Topics at (202) 267-9710

 On the right side of the main content area, there are two buttons: [Go to Main Page](#) and [Help](#). Below the main content area, there is a "faa.gov Tools" section with [Print this page](#) and [Email this page](#) options. The footer of the page includes the following text:

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4. Establish New ESV

Within the ESVMS Military Module, users have the capability to establish new ESVs within the system.

In this section you will learn about:

[Logging on to the Military Module](#)

[Selecting ESV criteria](#)

[Completing the '6050-4' form](#)

4.1 Logging on to the Military Module

1. On the Military Module Logon page, enter the Username & Password provided during registration to logon to the system.

The screenshot shows a web browser window displaying the FAA's Expanded Service Volume Request (ESV) login page. The browser's address bar shows the URL: `http://www.faa.gov/headquarters_offices/ato/service_units/techops/spec_management/library/esvms.cfm?`. The page features the FAA logo and navigation menus for various FAA services. The main content area is titled "Expanded Service Volume Request" and includes a "Please Log In" section with fields for "Username" (containing "jtest") and "Password" (masked with dots). Below the login fields are buttons for "Enter", "Get New Credentials", and "Get Old Credentials". The page also includes a "Help" button and "faa.gov Tools" such as "Print this page" and "Email this page". The footer contains the text "Updated: 11:52 am ET July 31, 2007" and a list of links including "USA.gov", "Privacy Policy", "Web Policies & Notices", "Site Map", "Contact FAA", "Frequently Asked Questions", and "Forms".

2. Click the “Enter” button to proceed with authentication.

The user will be directed to the “Expanded Service Volume Request” page.

The screenshot shows a web browser window with the title "services - Expanded Service Volume Request - Microsoft Internet Explorer". The address bar contains the URL: "ce_org/headquarters_offices/ato/service_units/techops/spec_management/library/esvms.cfm?&CFID=51651&CFTOKEN=a39da52eab26a003-2787897E-1372-41". The page header includes the FAA logo and navigation links: "Federal Aviation Administration", "FAA Home", "About FAA", "Jobs", "News", "Library", "Pilots", "Travelers", "Mechanics", and "More". A secondary navigation bar lists categories: "Aircraft", "Airports & Air Traffic", "Data & Statistics", "Education & Research", "Licenses & Certificates", "Regulations & Policies", and "Safety". A search bar is present with a "Go" button and a "Quick Find" dropdown. The main content area is titled "Expanded Service Volume Request" and includes "Logout" and "Help" buttons. A sidebar on the left lists "Spectrum Engineering Services (ATC) Topics" with sub-links: "Spectrum Assignment and Engineering Office", "Spectrum Planning and International Office", "Spectrum Testing and Engineering Analysis Office", "Locations", "Contact Us", "Library", and "Links". The main content area has two sections: "To Establish a New ESV" with a form for a 3-character facility identifier and a "Next" button, and "To View the Status of an ESV" with a form for an 8-digit reference number and a "Get ESV Status" button. A "faa.gov Tools" sidebar on the right includes "Print this page" and "Email this page" options. The footer contains "USA.gov" links, contact information for the U.S. Department of Transportation Federal Aviation Administration, and "Readers & Viewers" options.

4.2 Selecting ESV criteria

To establish a New ESV, the user must select the ESV criteria.

1. Enter the 3 character Facility Identifier, and then click the “**NEXT**” button.

services - Expanded Service Volume Request - Microsoft Internet Explorer

h Favorites

ice_org/headquarters_offices/ato/service_units/techops/spec_management/library/esvms.cfm?&CFID=379748&CFTOKEN=649953b448a35017-224AC442-1372-41

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- Spectrum Assignment and Engineering Office
- Spectrum Planning and International Office
- Spectrum Testing and Engineering Analysis Office
- Locations
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- Links

Expanded Service Volume Request

Logout Help

To Establish a New ESV

Enter the 3 Character Facility Identifier and click "Next":

To View the Status of an ESV

Enter the 8 Digit Reference Number and click "Get ESV Status":

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2. After selecting the Facility Identifier, select a **TYPE** by highlighting an entry in the list, and then clicking “**NEXT**”.

services - Expanded Service Volume Request - Microsoft Internet Explorer

ice_org/headquarters_offices/ato/service_units/techops/spec_management/library/esvms_facility.cfm

Federal Aviation Administration

Expanded Service Volume Request

Logout Go to Main Page Help

* indicates required field

Facility Identifier: AUG

Select a Type and click "Next".

*Type - Frequency - City - State:

- L-VOR - 111.4 MHz - AUGUSTA - ME
- LOM - 366 KHz - AUGUSTA - ME
- LOC - 108.7 MHz - AUGUSTA - ME**
- GS - 330.5 MHz - AUGUSTA - ME

Next

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4.3 Completing the '6050-4' form

After selecting the ESV criteria, the user must complete and submit the '6050-4' form.

1. Enter all required information on the '6050-4' form.

ervices - Expanded Service Volume Request - Microsoft Internet Explorer

h ☆ Favorites

ice_org/headquarters_offices/ato/service_units/techops/spec_management/library/esvms_form.cfm

Spectrum Engineering Services (ATC) Topics

- Spectrum Assignment and Engineering Office
- Spectrum Planning and International Office
- Spectrum Testing and Engineering Analysis Office
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Expanded Service Volume Request

Logout Go to Main Page Help

faa.gov Tools

- Print this page
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FAA Form 6050-4 for use by military or requesting office

* indicates required field

General Information

From: Billy Thompson

Airspace Docket Number: 74649

State: ME

Expanded Service Volume: Establish

Facility Data

*Chart Name: TEST_ONLY

City Location: AUGUSTA

Type Class: LOC

Frequency: 108.7 MHz

Facility Identity: AUG

ESV Data

*Radial 1: 100 Magnetic°

*Alt Minimum: 100 '00 ft (MSL)

Radial 2: 100 Magnetic°

*Alt Maximum: 400 '00 ft (MSL)

*Distance: 50 NML

*Requirement: TEST_REQ

*Routing Symbol: YUIL

A description of the screen elements for **Form 6050-4** is listed below:

- **From:** This field allows entry of the Originating Office where the ESV request was initiated. This is an optional field.
- **Air Docket:** This field allows entry of the Airspace Docket for the chosen request entered by the requester. If no Airspace Docket was entered on the request, this field will be blank.
- **State:** This field displays the state associated with a facility.
- **Expanded Service Volume:** This field allows selection of a request to Establish, Revise or Cancel an ESV.
- **Chart Name:** This field allows entry of the Chart Name for the chosen application entered by the requester
- **City Location:** This field displays city associated with a facility
- **Type Class:** This field displays the facility type e.g. DME, TACAN
- **Frequency (M/K/G):** This field displays the frequency in MHZ, KHZ or GHZ for the facility. A frequency pre-fixed by M is in MHZ, a K is in KHZ and G is in GHZ
- **Radial 1:** This field allows entry of a number from 1 to 360 to denote the Radial 1 in magnetic degrees for an ESV.
- **Radial 2:** This field allows entry of a number from 1 to 360 to denote Radial 2 in magnetic degrees for an ESV. This is an optional field.
- **Distance:** This field allows entry of a measurement in nautical miles for an ESV. This is a required field. The maximum number the system will display is 999.
- **Alt. Minimum:** This field allows entry of the Minimum Altitude requested for an ESV. Number shown is in hundred feet. For example, 040 equal 4,000 feet.
- **Alt. Maximum:** This field allows entry of the Maximum Altitude requested for an ESV. For example, 450 equal 45,000 feet.
- **Requirement:** This field allows entry of information about the requirement for an ESV.
- **Routing Symbol:** This field allows entry of the Requesting Officers routing symbol.

2. Once all required information is entered, click the **Submit** button to submit the request.

services - Expanded Service Volume Request - Microsoft Internet Explorer

ice_org/headquarters_offices/ato/service_units/techops/spec_management/library/esvms_form.cfm

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Airspace Docket Number: 74649

State: ME

Expanded Service Volume: Establish

Facility Data

*Chart Name: TEST_ONLY

City Location: AUGUSTA

Type Class: LOC

Frequency: 108.7 MHz

Facility Identity: AUG

ESV Data

Radial 1: 100 Magnetic

*Alt Minimum: 100 '00 ft (MSL)

Radial 2: 100 Magnetic*

*Alt Maximum: 400 '00 ft (MSL)

*Distance: 50 NML

*Requirement: TEST_REQ

*Routing Symbol: YUIL

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The user will receive a confirmation for the ESV request both (1) on-screen and (2) via the email address that the user registered with. This confirmation also contains a reference number which can be used to locate this request on the system.

Expanded Service Volume Request - Windows Internet Explorer

rg/headquarters_offices/ato/service_units/techops/spec_management/library/esvms_submit.cfm

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Search: [] Go Quick Find: [] Go

Logout Go to Main Page Help

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Your Information Has Been Successfully Submitted

Thank you for using FAA Form 6050-4 to submit your Expanded Service Volume Request.

Your Reference Number is 07109500. Please mark this down for future use.

If you have any questions please contact the Federal Aviation Administration's Office of Spectrum Engineering Services (ATC) Topics at (202) 267-9710

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Your Reference Number is 07109500. Please mark this down for future use.

5. View status of ESV

Within the ESVMS Military Module, users have the capability to view the status of ESVs that have previously been established.

In this section you will learn about:

[Searching for ESVs by reference number](#)

5.1 Searching for ESVs by reference number

1. On the Main Page, enter the reference number that was generated after submitting the ESV request.

The screenshot shows a web browser window displaying the FAA website. The page title is "FAA - ATC Spectrum Engineering Services - Expanded Service Volume Request". The main content area is titled "Expanded Service Volume Request" and contains two sections: "To Establish a New ESV" and "To View the Status of an ESV". The "To View the Status of an ESV" section has a text input field containing "07089340" and a "Get ESV Status" button. A red arrow points from the bottom of the screenshot to the "Get ESV Status" button in the screenshot above.

To View the Status of an ESV

Enter the 8 Digit Reference Number and click "Get ESV Status":

Get ESV Status

2. Click the **"Get ESV Status"** button.

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Search: Powered by Google Quick Find:

Expanded Service Volume Request

Pending ESVs Report for 07089340

ESV ID	Ident	City	State	Region
FAA 770534-002	AUG	AUGUSTA	ME	NE

Role	Date	Status	Radial 1	Radial 2	Distance	Alt Min	Alt Max
RO	08/01/2007	SENT TO FMO	100	100	50	100	400

Remarks:TEST_REQ

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The ESV Report is successfully displayed.

5. Availability and Support

The ESVMS Military Module is made available to the users 24 hours a day, 7 days a week.

Support is available during normal business hours (EST) at 202-267-9735. For further information please contact Victor Hinton by phone (202-267-7532) or by email (victor.hinton@faa.gov).