



# L3HARRIS COMMERCIAL AVIONICS TECHNICAL PUBLICATIONS WEBSITE USER MANUAL

<https://techpubs.cas.l3harris.com>

August 2023

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# Frequently Asked Questions (FAQ) (1/3)

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## **- ACCOUNT -**

**What should I fill out “What do you need access to?” on the New Account Request?**

[See Sign Up for New Account](#)

**What should I do if I had an account on the former ACSS or Aviation Products (AP) site?**

[See Background Information](#)

**I want my username/email to be the general inbox of my company. How can I change it?**

We suggest that a person’s individual company email address be used for these accounts to reduce ambiguity in being notified of a given new release where a “general use” email address may be missed within a company. However, to change this [Contact Us](#).

**How do I close my account?**

[Contact Us](#)

## **- LOGIN -**

**What should I do if I forget my password?**

Use the [Forgot Password](#) link on the [Login](#) page.

**What do I do if I didn’t receive an email during login?**

[See Login](#)

**I was getting the two factor authentication emails but now I’m not. Did the website change?**

No, your IT department or Outlook settings are likely what has changed.

## **- SUPPORT -**

**Who do I contact if I detect a website problem?**

[Contact Us](#)

*More FAQs on next page...*



## Frequently Asked Questions (FAQ) (2/3)

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### - PUBLICATIONS & SOFTWARE -

**I can't find the publication or software I'm looking for. Why?**

There are a few possibilities:

- You may be making a mistake on the search. [See Search Tips](#).
- You may not have access to the file. To see what you have access to, [see My Access](#).
- The file is not on the website. Check the [Publication & Software Index](#) for a full listing of all files on the system (whether you have access or not).

**How do I know I have the latest version of a publication or software?**

Check the [Publication & Software Index](#) which includes the latest revision number and date.

**How do I get notified of a publication or software update?**

You can manage what files you receive email notifications for via the [My Email Notifications](#) page.

### - ACSS DATABASES -

**How do I know if a given airport is in a database?**

[See ACSS Database & Airport Runway Search](#)

**How do I know if I need a database or not?**

Each database release has an associated Technical Newsletter (TNL). The TNL describes the applicability of each database to a particular unit part number where the unit part numbers are found on the first page of the TNL.

Note that this is also somewhat evident by the name of the section, where the T2CAS database is applicable to the T2CAS (and TAWS+) units and the T3CAS database to the T3CAS units.

[See ACSS Database & Airport Runway Search](#)

*More FAQs on next page...*

## Frequently Asked Questions (FAQ) (3/3)



### - ACSS DATABASES -

**How do I know if I need the newest Terrain database (DB) revision?**

To aid in finding the changed airports, each Terrain DB release is accompanied by a Technical Newsletter (TNL) with a listing of changed airports, in the style of added, deleted, and changed.

Use the TNL as your guide on what effect may occur if no update is made in a given period.

For the latest downloads, [see ACSS Database & Airport Runway Search](#).

- There is no expiration date that can adequately be applied to the Terrain DB.
- One noticeable result of having a database older than the 28 days of each release, is the potential for nuisance alert at a new airport or a newly relocated runway.
- Given that the number of airports is increasing approximately 1% per year worldwide, each month presents perhaps a 0.08% chance of each destination having a change that the TAWS system misses and therefore produces a nuisance alert.

### - ACSS DATABASES -

**How do I know if I need the newest Obstacle database revision?**

The Obstacle Database changes often so we recommend you update the database quarterly. For the latest downloads, [see ACSS Database & Airport Runway Search](#).

- The obstacle database contains a much higher rate of change, with 20% of obstacles undergoing some slight change or addition in a given 3-month cycle that the Obstacle database is under.
- The full listing of changed obstacles would be an enormous listing, so instead the recommendation is to simply update the database on its quarterly cycle.

# Background Information



The L3Harris Commercial Avionics Technical Publications website is located at: <https://techpubs.cas.l3harris.com>

This site provides technical information for L3Harris Aviation Products, Inc and Aviation Communication & Surveillance Systems, LLC (ACSS).

This site replaces these former sites:

- ACSS (<https://support.acsscuserservices.com>)
- Aviation Products (AP) (<http://www.avionicttechpubs.com>)
- Aviation Recorder ([www.l-3ar.net](http://www.l-3ar.net))



**Did you have an account on the former ACSS or AP site?**

Your account may have been migrated and you will need to set up a new password.

To set up a new password, go to:

<https://techpubs.cas.l3harris.com/Login/ForgotPassword?isMigration=1>

**L3HARRIS** Commercial Avionics Technical Publications  
FAST. FORWARD.

HOME PUBLICATIONS & SOFTWARE INDEX

**ACSS**  
An L3Harris & Thales Company

This site replaces the former ACSS, APD, and Avionics Recorder Sites

## PUBLICATIONS & SOFTWARE FOR L3HARRIS AVIONICS

Including ACSS & L3Harris Aviation Products, Inc

> PUBLICATION & SOFTWARE INDEX

**SIGN UP** **LOGIN**

### ANNOUNCEMENTS

5/23/2023  
**New Obstacle Database Release 063 for TAWS+, T2CAS and T3CAS products**

An out-of-cycle Obstacle Database release has occurred to address an Obstacle Placement anomaly in Busan, South Korea on 23 May 2023. Other routine



# Landing Page

**L3HARRIS** Commercial Avionics Technical Publications  
FAST. FORWARD.

HOME PUBLICATIONS & SOFTWARE INDEX

**ACSS**  
An L3Harris & Thales Company

This site replaces the former ACSS, APD, and Avionics Recorder Sites

## PUBLICATIONS & SOFTWARE FOR L3HARRIS AVIONICS

Including ACSS & L3Harris Aviation Products, Inc

> PUBLICATION & SOFTWARE INDEX

**SIGN UP** **LOGIN**

### ANNOUNCEMENTS

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### Publications & Software Index

Listing of all publications & software on this site – including latest revision number & date. (No login required to view index. You must login to download the publications & software)

### Contact Us

Information on how to get support. You can also send us a question through the online inquiry form.

### Sign Up

Register for a new account (account required to download publications & software)

### Login

You must login to your account to download any publications & software you have access to.

### Announcements

Latest news/updates from our team

# Sign Up for New Account (1/3)



**L3HARRIS**  
FAST. FORWARD.

Commercial Avionics Technical Publications

HOME PUBLICATIONS & SOFTWARE INDEX

## ACCOUNT REGISTRATION

You will need a L3Harris Technical Publications account to access Component Manuals, Pilot Guides, Service Bulletins, and more.

### Account Setup

Email Address\*

Preferably company / business email

Password\*

Confirm Password\*

**Password must contain:**

- 1 number
- 1 uppercase character
- 1 lowercase character
- No invalid characters (< > &)
- 1 special character (! @ # \$ ^ \* ~ ( ) \ / " ' . - , ; : = +)
- 8 characters minimum
- Passwords match

### Company Information

Company Name\*

Company Address\*

Address 2

### Applicant Information

First Name\*  Middle Name  Last Name\*

Phone\*  Phone 2

City\*  State/Territory/Province

Country\*  Postal Code\*

### What do you need access to?

Enter the products you own so we can give you access to the correct technical publications and software. You may request additional access at a later time.

**▲** Applications that fail to provide a product name or part number will be deleted. You will then need to reapply for access. Statements like "Technical Publications" or "Maintenance Manuals" without providing the required product information will result in a denied account.

I know the ...

Names / models / databases of products requested

Part Numbers of products requested

### Terms and Conditions Agreement

I have read and agree to follow the [Terms and Conditions](#)

I'm not a robot

SUBMIT
CANCEL

### Submit

Your request will be sent for approval. May take 2 business days.

### Email Address

Use your company or business email if you have one. (In most cases, Gmail, Yahoo, etc., is not acceptable)

### Password

Password requirements are listed to the right.

### What Do You Need Access To?

Use these options to tell us what publications and software you need access to by identifying the products you own either by model/name or part number. (see next slide for more information)

### Terms & Conditions

You must agree to follow the Terms & Conditions of the site when registering.





# Sign Up for a New Account (2/3): What do you need access to?

**What do you need access to?**  
 In this section, tell us what products you own so we can give you access to the correct technical publications and software.

**What do you need access to?**

Enter the products you own so we can give you access to the correct technical publications and software. You may request additional access at a later time.

⚠ Applications that fail to provide a product name or part number will be deleted. You will then need to reapply for access. Statements like "Technical Publications" or "Maintenance Manuals" without providing the required product information will result in a denied account.

I know the ...

Names / models / databases of products requested

Part Numbers of products requested

**ⓘ Please Note:**

- You have 2 options and can choose more than 1.
- At least one of these is required.
- You may request additional access later.

I know the ...

Names / models / databases of products requested

Products

Enter model or description

Type model number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight data recorder) and choose from the picklist. For reference, you can use the [Publication & Software Index](#) if needed

**Selected Products:**

No products have been selected yet.

Part Numbers of products requested

Part Numbers

Additional information / comments regarding access

Provide any information that would help us give you access to the correct items such as publication type (e.g. Installation Manuals, Service Bulletins, Maintenance Manuals, etc).

**Names / models / databases of products requested**  
 You must choose from the picklist. (see next slide for instructions on how to use this)

**? Not sure what to type?**  
 A list to the Publication & Software Index gives you a listing of all publications & software on this site – including latest revision number & date. (This is a full catalog of all items)

**Part Numbers of products requested**  
 If you know the part numbers of the products you need technical documentation for, enter them here.

**Enter Additional information**  
 about what you need access to. This field appears once you've entered products or part numbers above.



# Sign Up for New Account (3/3): How to Use the Products Field

**(1) Check the box** next to Names / models / databases of products requested

**(2) Enter model or description**  
Type in the name of product or model number.

A list of products will appear to choose from.

**(3) Choose a product** from the picklist by clicking it

**What do you need access to?**  
Enter the products you own so we can give you access to the correct technical publications and software. You may request additional access at a later time.

I know the ...  
 Names / models / databases of products requested

Products  
Enter model or description

Type model number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight data recorder) and choose from the picklist. For reference, you can use the [Publication & Software Index](#) if needed

**Selected Products:**  
No products have been selected yet.

I know the ...  
 Names / models / databases of products requested

Products  
FA2100

**Select a product below:**

- FA2100 CVDR - Recorder Cockpit Voice and Data Recorder
- FA2100 CVR - Recorder Cockpit Voice Recorder
- FA2100 FDR - Recorder Flight Data Recorder

**(4) Selected product** will be displayed

**(5) Repeat Steps 2-4** for as many products you need access to

I know the ...  
 Names / models / databases of products requested

Products  
Enter model or description

Type model number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight data recorder) and choose from the picklist. For reference, you can use the [Publication & Software Index](#) if needed

**Selected Products:**  
FA2100 CVR

I know the ...  
 Names / models / databases of products requested

Products  
Enter model or description

Type model number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight data recorder) and choose from the picklist. For reference, you can use the [Publication & Software Index](#) if needed

**Selected Products:**  
FA2100 CVR FA2100 FDR

Part Numbers of products requested

Additional information / comments regarding access

Provide any information that would help us give you access to the correct items such as Installation Manuals, Service Bulletins, Maintenance Manuals, etc).

**(6) Enter Additional Information** about what you need access to (optional)

# Publication & Software Index



The screenshot shows the website header with the L3Harris logo (FAST. FORWARD.) and navigation links for HOME and PUBLICATIONS & SOFTWARE INDEX. The ACSS logo is also present. The main heading is "Publication & Software Index". Below the heading, there is a blue banner with the text: "To download a file in the index, you must login to this site." Below the banner, there are two boxes for "ACSS Technical Publications Index" and "L3Harris Aviation Products Technical Publications Index". At the bottom of the screenshot, a footer line reads: "Thales Avionics is the exclusive sales and support agent of ACSS products to Commercial Air Transport customers."

## Index

Full catalog of all files on the site, one for each division.  
These listings are updated daily.  
You do not need to login to view these.

## What's in the Index?

Index lists the following info for each file on the site:

- Product
- File Type
- Publication Part Number
- ATA Number
- Revision
- Revision Date
- Title
- Subject / Description
- Product Part Numbers

## Search Index

To search within the index:

1. Open the index
2. Press Ctrl+F on keyboard, or go to the browser menu and press "Find"

## Please Note:

- You must login to view/download the file.
- You may not have access to all the files listed in the index. Once logged in, you may request access to additional files that you need.

# Login



**L3HARRIS** Commercial Avionics Technical Publications  
FAST. FORWARD.

HOME PUBLICATIONS & SOFTWARE INDEX

**ACSS**  
An L3Harris & Thales Company

**LOGIN**

**(1) Login Credentials**  
Enter your Technical Publications account email and password and press LOGIN.

Email Address\*  
[Input Field]

Password\*  
[Input Field] [Forgot Password](#)

I agree to follow the Terms and Conditions.

**LOGIN** **CANCEL**

Don't have an account? [Sign Up](#)

**TERMS & CONDITIONS**  
Access to the ACSS and L3 Aviation Products technical publications library requires agreement to the following conditions before a password can be assigned and access to the library is permitted.

Where applicable, customers shall be current on all subscription/service/license fees owed.

Users are not permitted to share account information / log on to the site to allow non-authorized users access.

**PROPRIETARY**  
The documents on this website are the property of L3 Aviation Products. They may not be reproduced, used or disclosed to others without the written authorization of ACSS or L3 Aviation Products.

**FREEDOM OF INFORMATION ACT (5 USC**

**Terms & Conditions**  
You must agree to follow the Terms & Conditions of the site before logging in.

**Forgot Password**  
Reset your password here.

**TWO-STEP AUTHENTICATION**

**Enter your 6-digit authentication code**  
For your security, L3Harris sent a one-time code to your email. Didn't receive it? Check your spam folder.

**Enter Code\*** (expires in 30 minutes)  
[Input Field] **RESEND CODE**

**SUBMIT** **CANCEL**

**(2) Two-Step Authentication**  
For your security, when you login we will send you an email with an authentication code. Enter that code here and press SUBMIT.

**? Didn't receive an email?**  
Check your spam folder.  
Check your IT department or Outlook settings.



# Home Page

## Search

Start a search for a publication or software item.

**Important: Do not mix terms.**

For example, do not enter product model number and publication part number:

7100CVDR 0040-28002-01

(See [Search](#) page for more information)

## Publications By Product

See the listing of publications and software for a single product.

(If you don't see the product you need, you will need to Request Access)

## All My Publications

See listing of publications & software for all products you have access to in this division.

## New / Updated

Quick access to new files or files (you have access to) which have been revised in the last 30 days. Click on the file name to see its details and download.

**L3HARRIS** Commercial Avionics Technical Publications FAST. FORWARD. [HOME](#) [MY PUBLICATIONS & SOFTWARE](#) [ACSS DATABASES](#) [REQUEST ACCESS](#) **ACSS**

## COMMERCIAL AVIONICS TECHNICAL PUBLICATIONS

Including ACSS & L3Harris Aviation Products, Inc.

What are you looking for?  
Search by Product, Part Number, Publication Number, etc

### PUBLICATIONS BY PRODUCT

These are the products you have access to. For more, [Request Access](#).

**ACSS Products**

- All My Publications
- ACSS Chargeable ATE Service Bulletin
- ACSS Depot Maintenance
- ACSS General Files
- ATDL
- EFD-3000
- General ACSS Technical Newsletters
- ICA for A300 and A310
- ICA for A320

[SHOW MORE PRODUCTS](#)

**L3Harris Aviation Products**

- All My Publications
- 7100 CVDR
- 7100 CVR
- 7100 FDR
- A100 -IRIS
- A100A
- A100S
- A200S
- AC-111

[SHOW MORE PRODUCTS](#)

### RECENTLY VIEWED

- [XS-950 Mode S Data Link Transponder Component Maintenance Manual Temporary Revision](#) Rev TR09  
XS-950 Mode S Data Link Transponder
- [SB028- MOD 18 - Chassis Assembly Update to apply moisture prevention countermeasure.](#) Rev 08  
Recorder Flight Data Recorder
- [Service Information Letter](#) Rev 00  
GSE Portable Interface PI/1

### ANNOUNCEMENTS

5/23/2023  
**New Obstacle Database Release 063 for TAWS+, T2CAS and T3CAS products**

An out-of-cycle Obstacle Database release has occurred to address an Obstacle Placement anomaly in Busan, South Korea on 23 May 2023. Other routine obstacle updates have also occurred in this release.

This will cancel the normal summer Obstacle delivery which has been replaced with this May release.

4/17/2023  
**New Standard R**

The Repair and Overl "Streaming" in the se repair rates can be found in the 2023 listing by clicking on the same ACSS General product grouping.

### NEW / UPDATED (182)

**UPDATED** This is a notification that a new Terrain/Airport Database is now available at 9100004-180W Rev - (1/18/2023)  
Technical Newsletter  
T2CAS TAWS Plus Terrain Database

## Recently Viewed

Quick access to files you have recently downloaded. Click on the file name to see its details and download.

## Announcements

Latest news/updates from our team.

## Show More Products

Click here to see all products you have access to in this division.

# Navigation



**Home**  
Return to the Home Page

**ACSS Databases**  
Access to the latest ACSS Database files. Also include the **Airport Runway Search** tool. (If you don't see this option and need it, you will need to contact us)

**Request Access**  
If you don't see the publications & software you need, you will need to Request Access

The screenshot shows the website's navigation menu and main content area. The navigation menu includes: HOME, MY PUBLICATIONS & SOFTWARE, ACSS DATABASES, REQUEST ACCESS, a user profile icon, a help icon, and the ACSS logo (An L3Harris & Thales Company). The main content area features a search bar with the placeholder text "What are you looking for?" and "Search by Product, Part Number, Publication Number, etc". Below the search bar is a section titled "PUBLICATIONS BY PRODUCT".

**My Publications & Software**  
Download any publication or software your account has access.

**Profile Menu**

- My Account**  
Includes option to change your password
- My Access**  
View simple list of publications and software you have access to
- My Email Notifications**  
Manage which publications and software you get an email notification for when they are updated
- Log Out**

**Contact Us**  
Information on how to get support. You can also send us a question through the online inquiry form.

# Search



## Search

Start a search for a publication or software item.  
(only searches items you have access to)

Enter a single:

- Publication Title
- Software Title
- Publication Part Number
- Software Part Number
- ATA Number
- Product Model Number
- Product Name
- Product Part Numbers

## 📘 Search Tips

**Important: Do not mix terms.**

For example, do *not* enter product model number and publication part number: 7100CVDR 0040-28002-01

*More tips on the next 2 pages...*

# Search Tips (1/2)



**Important: When searching, do not mix terms.**  
 For example, search by product, part number, or ATA number only.



These are examples of good searches (not mixing terms) and searches to avoid (mixing terms).

**EXAMPLE 1**

**Good search:**  
SRVIVR25  
SRVIVR25 (7100) CVDR CMM

**Things to Avoid:**  
7100 CVDR CMM  
SRVIVR25 CMM

**Good search:**  
0040-28002-01

**Good search:**  
23-70-75

**Good search:**  
7100 CVDR

**Good search:**  
7100-3000-00

**Things to Avoid:**  
7100 CVDR 7100-3000-00  
7100 CVDR 0040-28002-01

**SRVIVR25 (7100) CVDR CMM**  
 Component Maintenance Manual  
 Publication Part Number: 0040-28002-01  
 ATA Number: 23-70-75  
 Revision: 03  
 Revision Date: 6/20/2022

**DETAILS**

Subject / Description	Cockpit Voice and Flight Data Recorder (SRVIVR25) CMM
Products	7100 CVDR Recorder Cockpit Voice
Related Products	7100, SRVIVR25
Product Part Numbers	7100-3000-00, 7100-3900-00, 7102-3900-00, 7104-3000-00, 7104-3700-00
ECCN/USML Number	7E994
Cage Code	25583

**EXAMPLE 2**

**Good search:**  
XS-950  
XS-950 S/I Mode S/IFF Transponder  
7519350

**Things to Avoid:**  
XS-950 S/I CMM  
XS-950 Transponder

**Good search:**  
A09-3839-003

**Good search:**  
34-52-09

**Things to Avoid:**  
XS-950 A09-3839-003  
XS-950 34-52-09

**XS-950 S/I Mode S/IFF Transponder, Part No. 7519350-VAR Component Maintenance Manual**  
 Component Maintenance Manual  
 Publication Part Number: a09-3839-003  
 ATA Number: 34-52-09  
 Revision: 007  
 Revision Date: 11/30/2016

**DETAILS**

Subject / Description	XS-950 S/I Mode S/IFF Transponder, Part No. 7519350-VAR Component Maintenance Manual
Products	XS-950 S/I MODE S/IFF DATA LINK TRANSPONDER
Related Products	
Product Part Numbers	[Not Specified]
ECCN/USML Number	7A994



# Search Tips (2/2)



**Important: When searching, do not mix terms.**  
For example, search by product, part number, or ATA number only.



These are examples of good searches (not mixing terms) and searches to avoid (mixing terms).

**EXAMPLE 3**

**MOD 1 – New Aircraft Interface CCA Service Bulletin**  
Publication Part Number: SB001-SVR7100CVDR-EMB  
ATA Number: SVR7100CVDR-23-0001  
Revision: 00  
Revision Date: 3/31/2022

**DETAILS**

Subject / Description	MOD 1 – New Aircraft Interface CCA
Products	7100 CVDR Recorder Cockpit Voice
Related Products	7100, cvdr
Product Part Numbers	7104-3700-00, SVR7100CVDP-23-0001
ECCN/USML Number	Gen Cap
Cage Code	25583
Paper Only	No

**Good search:** New Aircraft Interface CCA

**Things to Avoid:** 7100 CVDR SB001  
7100 CVDR Service Bulletin  
7100 SB

**Good search:** SB001-SVR7100CVDR-EMB

**Good search:** SVR7100CVDR-23-0001  
SVR7100CVDR

**Good search:** 7104-3700-00

**Things to Avoid:** 7100 CVDR 23-0001  
7100 CVDR 7104-3700-00

**EXAMPLE 4**

**COMMUNICATIONS - TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM - XS-950 MODE S/IFF TRANSPONDER – PART NO. 7519350-VAR – HARDWARE MOD F UPDATES COMPONENTS LOCATED IN THE TRANSMITTER/RECEIVER CCA A3, PART NO. 7517835-905 TO IMPROVE RELIABILITY**  
ATE Service Bulletins  
Publication Part Number: 8009012-001  
ATA Number: 7519350-34-0009  
Revision: 00  
Revision Date: 8/30/2022

**DETAILS**

Subject / Description	COMMUNICATIONS - TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM - XS-950 MODE S/IFF TRANSPONDER – PART NO. 7519350-VAR – HARDWARE MOD F UPDATES CO TRANSMITTER/RECEIVER CCA A3, PAF IMPROVE RELIABILITY
Products	XS-950 S/I MODE S/IFF DATA LIn...

**Good search:** IFF Transponder  
7519350  
Hardware Mod F Updates

**Things to Avoid:** 7519350 ATE SB  
XS-950 ATE Service Bulletin  
XS-950 S/I ATE SB

**Good search:** 8009012-001

**Good search:** 7519350-34-0009

**Things to Avoid:** XS-950 8009012-001  
XS-950 7519350-34-0009



# Search Results / Browse

**L3HARRIS** Commercial Avionics Technical Publications FAST. FORWARD.

HOME MY PUBLICATIONS & SOFTWARE ACSS DATABASES REQUEST ACCESS

## PUBLICATIONS & SOFTWARE

Search by Product, Part Number, Publication Number, etc.

**Filters:** Model, Division, Type (Acceptance Test Procedure, Aircraft Tool, Airport List, ATE Service Bulletins, ATLAS Service Bulletins), Product Part Number, Product Description, Publication / ATA Number. **Buttons:** APPLY, CLEAR.

ITEM	PRODUCT	Actions
<b>SERVICE BULLETIN MATRIX 2023</b> Miscellaneous Pub # SERVICE BULLETIN MATRIX 2023 Rev 209 (6/13/2023)	Service bulletin matrix of ACSS LRU's with pricing Models: SB Matrix	DETAILS DOWNLOAD
<b>T3CAS Terrain Database Version 145W - 615A upload</b> Database Pub # 9100032-145W Rev - (6/8/2023)	T3CAS Terrain Database (615A Version) Models: T3CAS Terrain Database (615A Version)	DETAILS DOWNLOAD
<b>T3CAS Terrain Database Version 145W - CF upload</b> Database Pub # 9100030-145W Rev - (6/8/2023)	T3CAS Terrain Database Models: T3CAS Terrain Database	DETAILS DOWNLOAD
<b>T2CAS Terrain Database Version 185W</b> Database Pub # 9100004-185W Rev - (6/8/2023)	T2CAS TAWS Plus Terrain Database Models: T2CAS TAWS Plus Terrain Database	DETAILS DOWNLOAD
<b>LIST OF AIRPORT DATABASE 9</b> Airport List Pub # 8008340- Rev - (6/8/2023)	base (615A Ver atabase ('	DETAILS DOWNLOAD

**Item Information:** This column includes the: File Title, File Type, Publication Part Number, Revision (Revision Date). Clicking the File Title takes you to the details.

**Product Information:** This column includes the product(s) the file is for: Product Model Description, Product Model(s).

**Please Note:** This page shows you only publications and software that your account has access to. If you don't see the file you need, you will need to Request Access.

**Details:** View additional information about this file, such as: Subject/Description, Product Part Numbers, Related products, Related files (see next slide for more information).

**Download:** Downloads the file to your computer/device to view it.

**Search**  
Start a new search for a publication or software. (See [Search](#) for more info)

**Filters**  
Use these to narrow down the list of files on the right (after setting the filters, press APPLY)

**Type**  
Filtering by file Type is commonly used to find a particular item (CMM, Service Bulletin, etc.)

**APPLY**  
Press this button to apply filters to the list of files on the right.



# File Details

**FA5000 CVR Installation & Operation Manual**

Installation Manual

Publication Part Number: 165E5327-11

ATA Number:

Revision: 07

Revision Date: 5/30/2022

**DETAILS**

Subject / Description	FA5000 CVR
Products	FA5000 CVR Recorder Cockpit Voice Recorder
Related Products	FA5000, FA5001, FA5003, FA5053
Product Part Numbers	5001-5003-11, 5003-5003-11, 500-4030-000, 5053-5003-11
ECCN/USML Number	7E994
Cage Code	25583

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Paper Only	No
Notes	Active
Division	L3Harris Aviation Products

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**RELATED ITEMS**

ITEM	PRODUCT	
<b>Introduction of 90 Day ULB</b> Service Bulletin Publication Part Number #FA5000-SB004 Rev 02 (3/16/2015)	<b>Recorder Cockpit Voice Recorder</b> Models: FA5000 CVR	
<b>Introduction of Software MOD 12</b> Service Bulletin Publication Part Number #SB001-FA5000 Rev 03 (10/18/2021)	<b>Recorder Cockpit Voice and Data Recorder, Recorder Cockpit Voice Recorder, Recorder Flight Data Recorder</b> Models: FA5000 CVDR, FA5000 CVR, FA5000 FDR	

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# ACSS Databases & Airport Runway Search (1/3)



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## ACSS DATABASES

Find Terrain, Obstacle and Waypoint Databases for download and supporting information.  
Please note: You will only see what your Technical Publications account has been given access to.

### LATEST DOWNLOADS

Waypoint Databases	T3CAS Terrain Database (615A Version)
T3CAS Terrain Database	T2CAS TAWS Plus Terrain Database
Obstacle Database (CF Version)	Obstacle Database (615A Version)

### Approximate Release Schedule

(Terrain DB only)  
T2CAS / TAWS+ / T3CAS

- See below for the targeted Terr DB schedule for T3CAS and T2CAS/TAWS+ respectively. As before, ACSS can not confirm a specific release date as the release process is not always going through steps A to Z with no problems. Sometimes, we have to start the process over if we catch a problem.

18-Jan-2023: v140/v180	7-Jun-2023: v145/v185	25-Oct-2023:
15-Feb-2023: v141/v181	30-Jun-2023: v146/v186	17-Nov-2023:
15-Mar-2023: v142/v182	2-Aug-2023: v147/v187	15-Dec-2023:
13-Apr-2023: v143/v183	30-Aug-2023: v148/v188	
10-May-2023: v144/v184	27-Sep-2023: v149/v189	

### AIRPORT RUNWAY SEARCH

Displays the Airport and Runway availability for the latest terrain database versions.

**Product**

T2CAS/TAWS+

T3CAS

**Version**

185
▼

**Airport**

ICAO, IATA, or Airport Name

SEARCH

**Latest Downloads**  
Use these buttons to see all files related to these databases, such as:

- database itself
- technical newsletter
- airport list

See the latest downloads as well as previous versions.

(If you don't see the database you need, you will need to Request Access)

**Airport Runway Search**  
Displays the airport and runway availability for the latest terrain database versions (see next slide for more information)



# ACSS Databases & Airport Runway Search (2/3)

**(1) Choose Product**  
using the terrain database

**(2) Choose Version**  
of that database product

**(3) Enter Airport**  
ICAO, IATA or Airport Name

**(4) Press SEARCH**

### AIRPORT RUNWAY SEARCH

Displays the Airport and Runway availability for the latest terrain database versions.

T2CAS/TAWS+   
  T3CAS

Version: 145

Airport: mesa

ICAO, IATA, or Airport Name

**SEARCH**

Airport Name	ICAO	IATA	Area Code	Airport Area	TAWS Validity	Runway	ROPS Validity
MACK MESA	10CO		USA	SAA	valid	RW07	Invalid
MACK MESA	10CO		USA	SAA	valid	RW25	Invalid
PHOENIX-MESA GATEWAY	KIWA	AZA	USA	SAA	valid	RW12L	Valid

\* The definition of a basic airport's inhibition area is "a cylinder with a radius of 2Nm and height of 900 feet above the airport which is used to inhibit terrain". All GPWS modes including Modes 1 and 2 are fully activated in this case to provide protection when on approach to and departure from a basic airport. Predictive alert modes are not available at this point when the aircraft is operating in this cylinder. No DB landing tunnels are constructed on this airport's runways.

### TAWS Validity

- Valid** indicates runway information is present and therefore predictive alert modes are inhibited via a landing tunnel constructed on approach to these runways.
- Invalid** indicates a basic airport\*, meaning a basic cylinder is being used for terrain alerting inhibition.

### ROPS Validity

Indicates whether Runway Overrun Protection System (ROPS) alerting is possible at this airport.

- Valid** indicates runway thresholds *are* encoded for the additional ROPS alerting available on some T3CAS units that are certified for this feature.
- Invalid** indicates runway thresholds *are not* yet encoded for this.



# ACSS Databases & Airport Runway Search (3/3)

**Comparing Database Versions**  
 With a new database released every 28 days, customers often find it useful to compare one database to a previous one.

### VERSION 145

**AIRPORT RUNWAY SEARCH**  
 Displays the Airport and Runway availability for the latest terrain database versions.

Product:  T2CAS/TAWS+  T3CAS  
 Version: 145  
 Airport: VIDP

ICAO, IATA, or Airport Name

Airport Name	ICAO	IATA	Area Code	Airport Area	TAWS Validity	Runway	ROPS Validity
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid		
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW09	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW10	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW11R	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW27	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW28	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW29L	Valid

**Version 145**  
 In this example, we see that the earlier version 145 of the database does not yet contain runways 11L or 29R.

### VERSION 146

**AIRPORT RUNWAY SEARCH**  
 Displays the Airport and Runway availability for the latest terrain database versions.

Product:  T2CAS/TAWS+  T3CAS  
 Version: 146  
 Airport: VIDP

ICAO, IATA, or Airport Name

Airport Name	ICAO	IATA	Area Code	Airport Area	TAWS Validity	Runway	ROPS Validity
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid		
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW09	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW10	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW11L	Invalid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW11R	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW27	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW28	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW29L	Valid
INDIRA GANDHI, DELHI	VIDP	DEL	MES	SAA	valid	RW29R	Invalid

**Version 146**  
 By entering the current database version (146 in this case), the user could discover that the new runways 11L & 29R are now present in version 146.

# Request Access (1/2)



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**Please Note:**  
Filling out a Request Access form will provide faster service than using the Contact Us form.

**What Items Do You Need Access To?**  
Use these options to tell us what additional publications or software you need access to by identifying the products you own either by model/name or part number.  
(see next slide for more information)

**WHAT ADDITIONAL ITEMS DO YOU NEED ACCESS TO?**

Choose products from the list below. Provide any information that would help us give you access to the correct items.

▲ Applications that fail to provide a product name or part number will be deleted. You will then need to reapply for access. Statements like "Technical Publications" or "Maintenance Manuals" without providing the required product information will result in a denied account.

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- Names / models / databases of products requested
- Part Numbers of products requested

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**Terms & Conditions**  
You must agree to follow the Terms & Conditions of the site when making this request.



# Request Access (2/2): How to Use the Products Field

**(1) Check the box** next to Names / models / databases of products requested

**(2) Enter model or description**  
Type in the name of product or model number.

A list of products will appear to choose from.

**(3) Choose a product** from the picklist by clicking it.

**WHAT ADDITIONAL ITEMS DO YOU NEED ACCESS TO?**

Choose products from the list below. Provide any information that would help us give you access to the correct items such as Installation Manuals, Service Bulletins, Maintenance Manuals, etc).

▲ Applications that fail to provide a product name or part number will be deleted. You will then need to re-add the application. For reference, you can use the [Publication & Software Index](#) if needed.

I know the ...

Names / models / databases of products requested

Products

Enter model or description

Type model number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight data recorder) reference, you can use the [Publication & Software Index](#) if needed

**Selected Products:**

No products have been selected yet.

I know the ...

Names / models / databases of products requested

Products

FA2100

**Select a product below:**

- ▶ FA2100 CVDR - Recorder Cockpit Voice and Data Recorder
- ▶ FA2100 CVR - Recorder Cockpit Voice Recorder
- ▶ FA2100 FDR - Recorder Flight Data Recorder

**(4) Selected product** will be displayed

**(5) Repeat Steps 2-4** for as many products you need access to

**(6) Enter Additional information** or comments about what you need access to (optional)

I know the ...

Names / models / databases of products requested

Products

Enter model or description

Type model number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight data recorder) reference, you can use the [Publication & Software Index](#) if needed

**Selected Products:**

FA2100 CVR

I know the ...

Names / models / databases of products requested

Products

Enter model or description

Type model number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight data recorder) reference, you can use the [Publication & Software Index](#) if needed

**Selected Products:**

FA2100 CVR   FA2100 FDR

Part Numbers of products requested

Additional information / comments regarding access

Provide any information that would help us give you access to the correct items such as Installation Manuals, Service Bulletins, Maintenance Manuals, etc).



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This is a notification that a new T3CAS Terrain Database (615A Version) is now available as part number 9100032-120W	Technical Newsletter	8009572-120		ON <input checked="" type="checkbox"/>
This is a notification that a new T3CAS Terrain/Airport Database is now available as PN 9100030-110W	Technical Newsletter	8008339-110		ON <input checked="" type="checkbox"/>
(AMOC - Interference Limiting) - Part No. 9003500-10001 thru -10005, -10802, -10803, -10900 thru -10905, -10908, -55001 thru -55005, -55900, -55901, -55902, -55904, -55905, -55908, -57901, -65001 thru -65005, -65900, -65901, -65902, -65904, -65905, and -65908	Service Bulletin	8008419-001	9003500-34-6022	OFF <input type="checkbox"/>
(Inactive) L3AP repair station locations, equipment stock, and part number identification	Service Bulletin	L3AP-008		ON <input checked="" type="checkbox"/>
(Inactive) New Sales Policy for Aviation Recorders Products				ON <input checked="" type="checkbox"/>

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GE - Power Conditioning	Component Maintenance Manual	GEK-4715		Orig	11/01/1965	Field Maintenance Manual	Pub# GEK-4715	
612RIU	Service Bulletin	SB-28		Orig	04/01/1981	Waypoint Alert output during VOR/LOC operation.		805D0450, 805D0480
612RIU	Airport List	PUB510		510	05/10/2023	Leo-510-Test		PN98234
612RIU	Leo Test Update	PN34534		123	08/01/2023	Leo Test File 8-1		PN56456
7100 CVDR	Installation Manual	0040-28001-01	00-00-00	00		7100 Cockpit Voice and Data Recorder (CVDR)	SRVIVR25 Cockpit Voice and Data Recorder	7100-xxxx-01
7100 CVDR	Software	Leo-840-E4519-05		8.4	08/14/2019	840-E4519-05	SMP V8.4 6627 FDP V3.8 24AD Update by leo for testing: Second	2100-666

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Products\*

Type model number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight data recorder) and choose from the picklist. For reference, you can use the [Publication & Software Index](#) if needed

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