





L3HARRIS COMMERCIAL AVIONICS TECHNICAL PUBLICATIONS WEBSITE USER MANUAL

https://techpubs.cas.l3harris.com

August 2023

Table of Contents



Frequently Asked Questions (FAQ)

Background Information

Landing Page

Sign Up for New Account / Account Registration

Publication & Software Index

Login

Contact Us

Home Page (logged required)

Navigation

Search

Search Tips

Search Results / Browse

File Details

ACSS Databases & Airport Runway Search

Request Access

My Email Notifications

My Account / Change Password

My Access

Frequently Asked Questions (FAQ) (1/3)



- 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)



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 <u>Publication & Software</u>
 <u>Index</u> 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 <u>Publication & Software Index</u> 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 <u>Terrain</u> 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

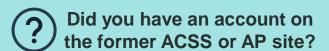


The L3Harris Commercial Avionics Technical Publications website is located at: https://techpubs.cas.l3harris.com

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

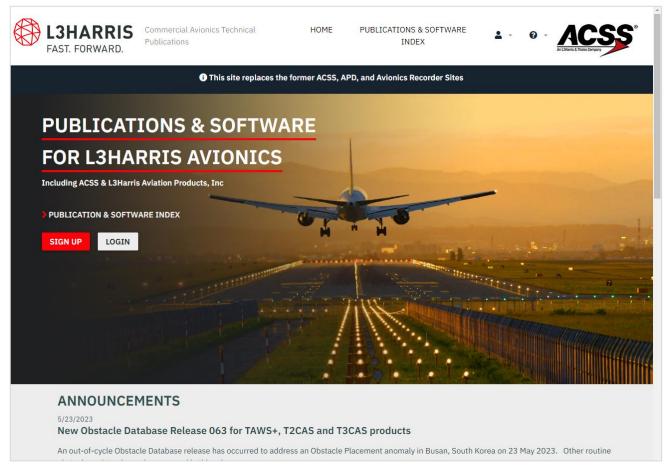
This site replaces these former sites:

- ACSS (https://support.acsscustomerservices.com)
- Aviation Products (AP) (http://www.avionicstechpubs.com)
- Aviation Recorder (www.l-3ar.net)



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



Landing Page





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

ANNOUNCEMENTS

L3HARRIS Commercial Avionics Technical Publications User Manual

Announcements
Latest news/updates from our team

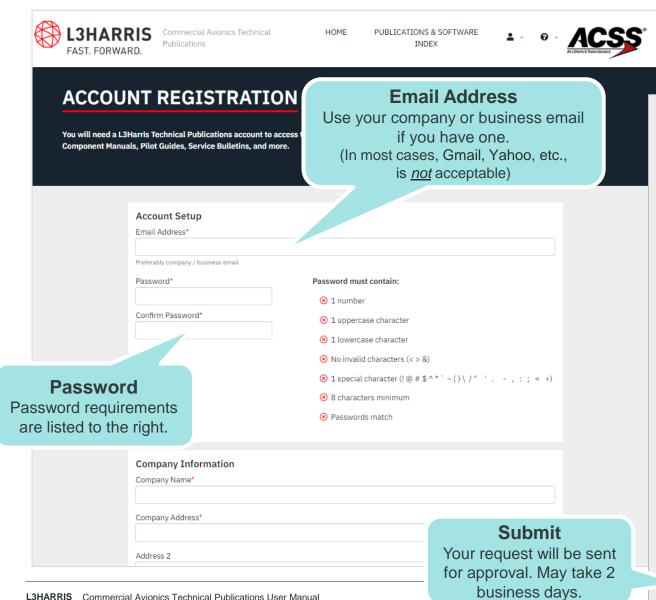
7

SUBMIT

CANCEL

Sign Up for New Account (1/3)





Applicant Information	1		
First Name*	Middle Name	Last Name*	
Phone*	Phone 2	What Do You Need Acce Use these options to tell us	
City*	State/Territory/Provi	publications and software yo	u need
Country*	Postal Code*	access to by identifying the p you own either by model/name	
		number. (see next slide for more inform	nation)
What do you need acc	ess to?		
Enter the products you own additional access at a later to		ect technical publications and software. You may request	
▲ Applications that fail to provide a		You will then need to reapply for access. Statements like "Technical formation will result in a denied account.	
I know the	ses of products requested		
☐ Part Numbers of products	s requested		
Terms and Conditions	Agreement	Terms & Condi	tions
☐ I have read and agree to f	follow the Terms and Conditions	You must agree to for	
	200	Terms & Conditions of	
I'm not a robot	reCAPTCHA	when registerir	ng.

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

(i) 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.

Produ	icts
Ent	er model or description
	nodel number (e.g. ESI-500, FA2100, TCAS3000) or product description (e.g. Flight dat e from the picklist. For reference, you can use the Publication & Software Index if neede
Se	lected Products:
	No products have been selected yet.
	Numbers of products requested
Part I	

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.

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.

✓ Names / models / databases of products requested

Products

I know the ...

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. choose from the picklist. For reference, you can use the Publication & Software Ind

Selected Products:

FA2100 CVR X

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 and choose from the picklist. For reference, you can use the Publication & Software

FA2100 CVR X

Selected Products:

FA2100 FDR X

☐ Part Numbers of products requested

Additional information / comments regarding access

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

(3) Choose a product from the picklist by

clicking it

(6) Enter Additional Information about what you need

access to (optional)

Publication & Software Index





Commercial Avionics Technical Publications

HOME PUBLICATIONS & SOFTWARE INDEX







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.

Publication & Software Index

This is the public listing of all L3Harris Commercial Avionics technical publications and software organi

i To download a file in the index, you must login to this site.

Search Index

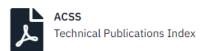
To search within the index:

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

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





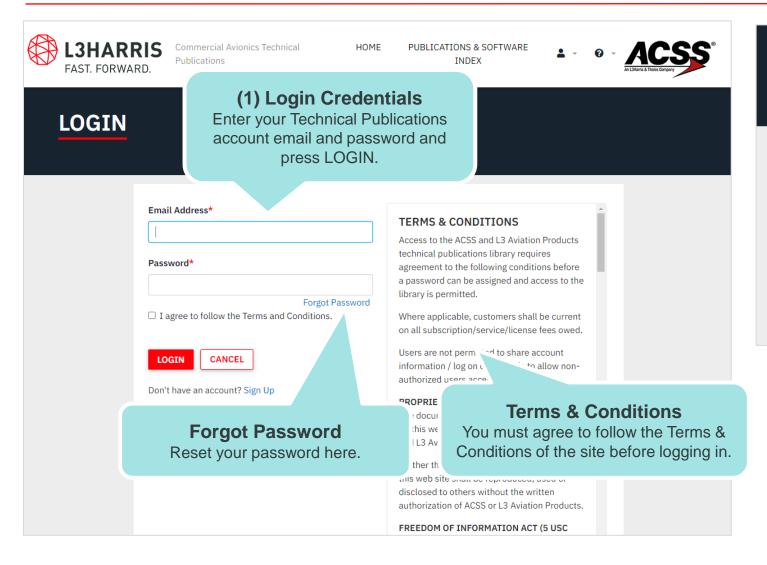
Thales Avionics is the exclusive sales and support agent of ACSS products to Commercial Air Transport custome

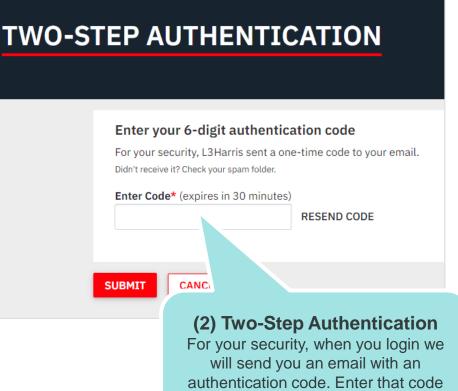
(i) Please Note:

- 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







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

here and press SUBMIT.

Home Page



Search

Start a search for a publication or software item.

Important: Do not mix terms.

For example, do <u>not</u> enter product model number and publication part number: 7100CVDR 0040-28002-01 (See <u>Search</u> page for more information)

Publications By Product

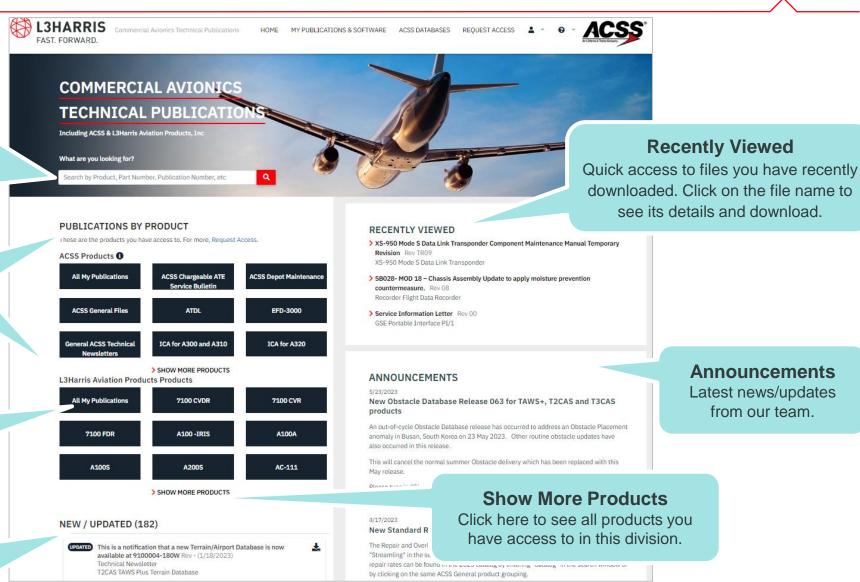
See the listing of publications and software for a single product.
(If you don't see the product you need, you will need to Request Access)

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.



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)

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

Request Access



Commercial Avionics Technical Publications

MY PUBLICATIONS & SOFTWARE

ACSS DATABASES REQUEST **ACCESS**



COMMERCIAL **TECHNICAL P**

My Publications & **Software**

HOME

Download any publication or software your account has access.

Including ACSS & L3Harris Aviation Products, Inc

What are you looking for?

Search by Product, Part Number, Publication Number, etc

Q

PUBLICATIONS BY PRODUCT

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



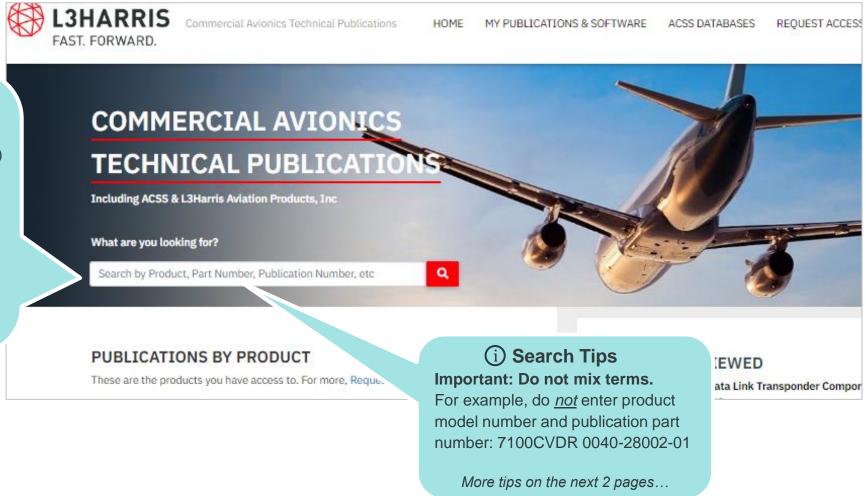


Start a search for a publication or software item.

(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



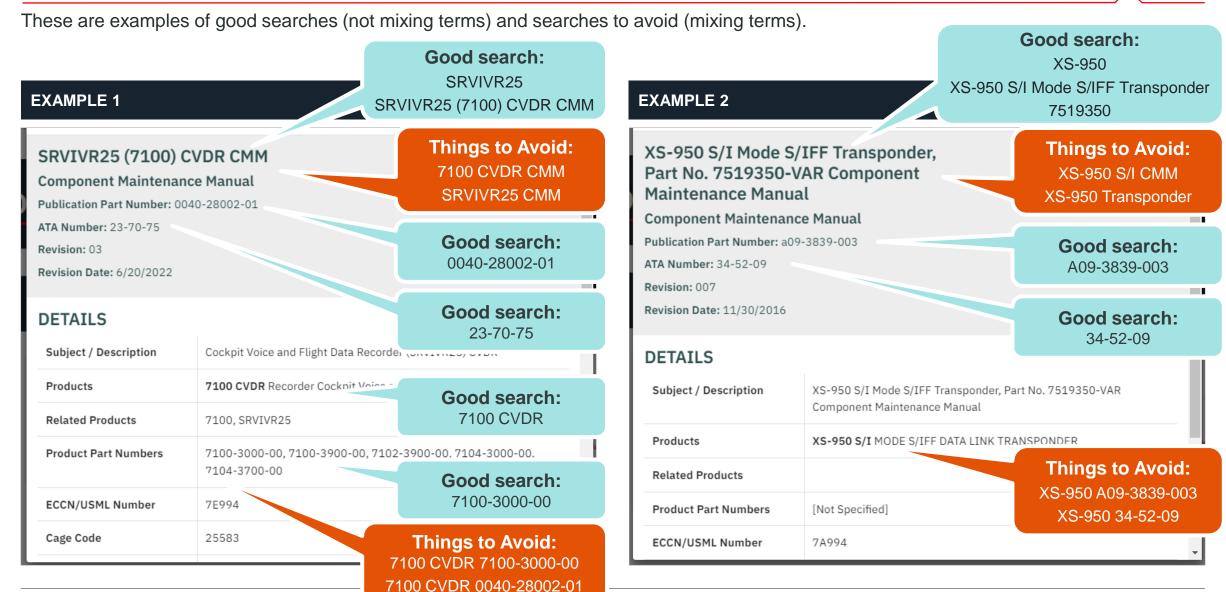
Search Tips (1/2)



Important: When searching, do <u>not</u> mix terms.

For example, search by product, part number, <u>or</u> ATA number only.





Search Tips (2/2)



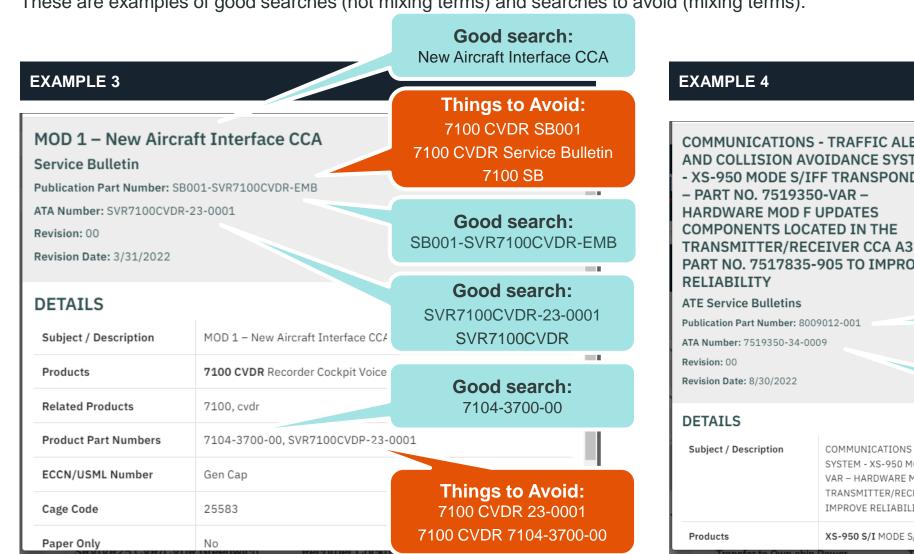
Important: When searching, do not mix terms.

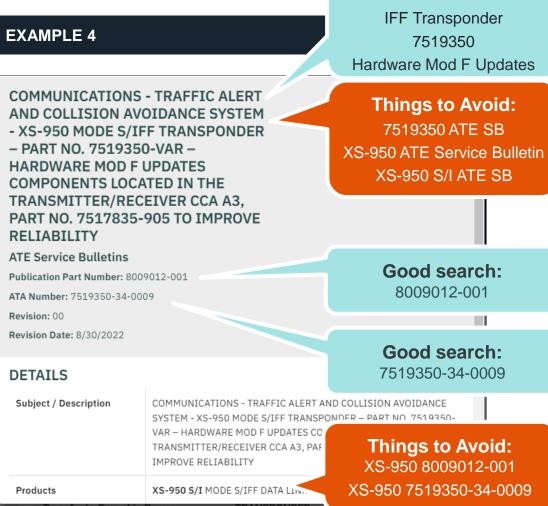
For example, search by product, part number, or ATA number only.



Good search:

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





Search Results / Browse



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

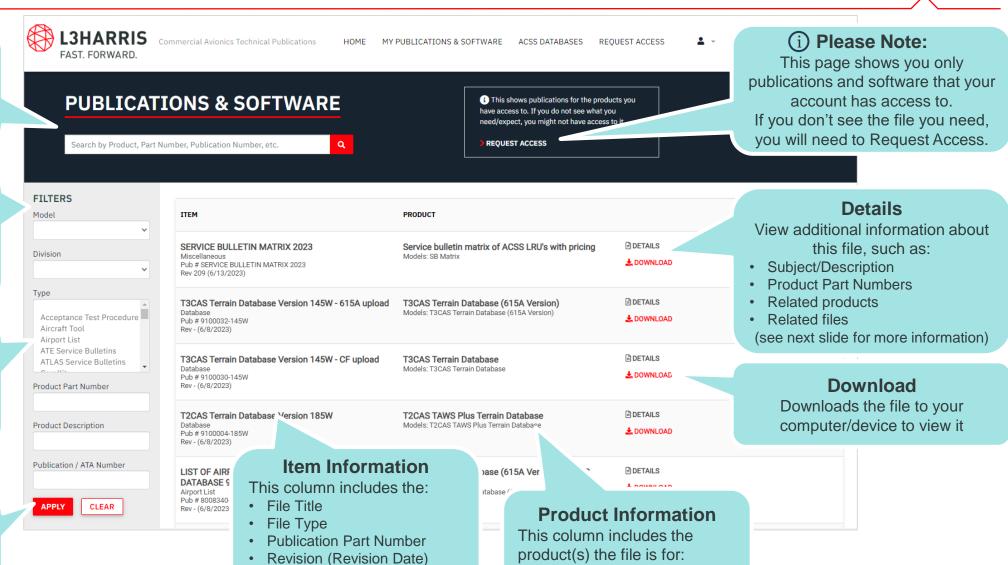
(after setting the filters, press APPLY)

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.



Product Model Description

Product Model(s)

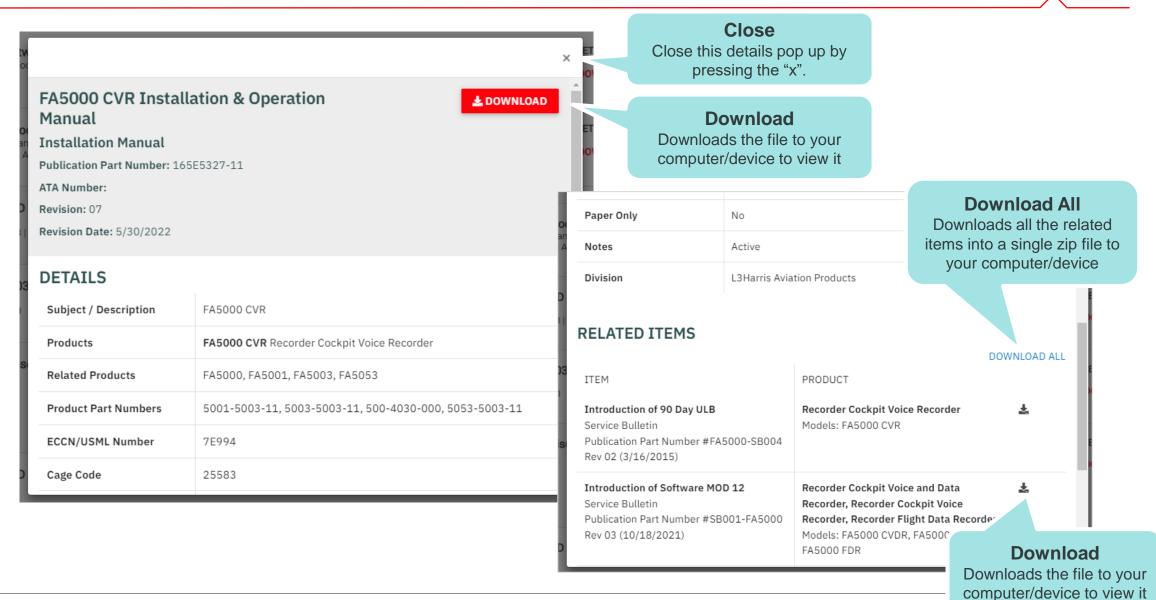
L3HARRIS Commercial Avionics Technical Publications User Manual

Clicking the File Title takes

you to the details.

File Details





ACSS Databases & Airport Runway Search (1/3)



Don't see this page?



If you don't see this option in the top navigation bar and need it, please contact us.



Commercial Avionics Technical Publications

HOME MY PUBLICATIONS & SOFTWARE

ACSS DATABASES REQUEST ACCESS



ACSS DATABASES

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

Latest Downloads

- 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)

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 27-Sep-2023: v149/v189 10-May-2023: v144/v184

Airport Runway Search

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

AIRPORT RUNWAY SEARCH

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

Product	Version		Airport		
T2CAS/TAWS+	185	~			
T3CAS			ICAO, IATA, or		

s	E/	A.	łС	н

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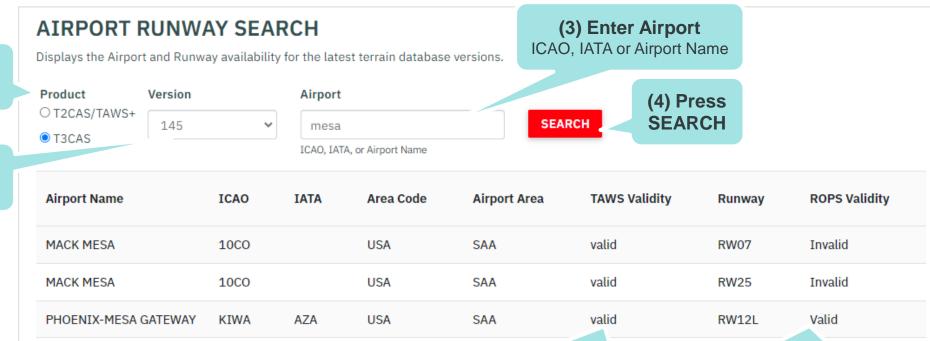
Airport Name

ACSS Databases & Airport Runway Search (2/3)



(1) Choose Product
using the terrain
database

(2) Choose Version of that database product



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.

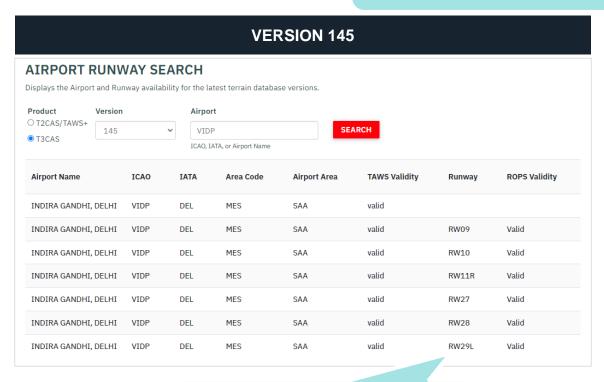
^{*} The definition of a basic airport's inhibition area is "a cylinder with a radius of 2Nm and height of 900 feet above the airport which is used to inhibit terrain". All GPWS modes including Modes 1 and 2 are fully activated in this case to provide protection when on approach to and departure from 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.

ACSS Databases & Airport Runway Search (3/3)



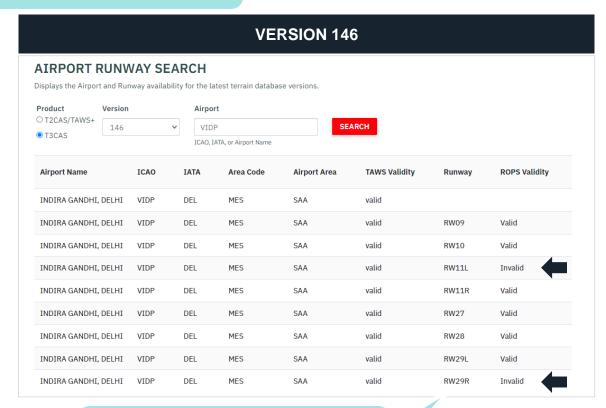
Comparing Database Versions

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



Version 145

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



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)

Navigation

This page can be accessed here.





Commercial Avionics
Technical Publications

HOME MY PUBLICATIONS

ACSS DATABASES REQUEST ACCESS •

0



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

REQUEST ACCESS TO ADDITIONAL TECHNICAL PUBLICATION

& SOFTWARE

You can request access to additional L3Harris Commercial Avionics technical publications and software such as Component Manuals, Pilot Guides, Service Bulletins, and more.

For a full list of what you currently have access to, go to MY ACCESS.

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)

Submit

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

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.

I know the ...

☐ Names / models / databases of products requested

☐ Part Numbers of products requested

TERMS AND CONDITIONS AGREEMENT

 \Box I have read and agree to follow the Terms and Conditions.

SUBMIT

CANCEL

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. WHAT ADDITIONAL ITEMS DO YOU NEED ACCESS TO?

Choose products from the list below. Provide any information that would help us give y

A Applications that fail to provide a product name or part number will be deleted. You will then need to real

"Technical Publications" or "Maintenance Manuals" without providing the required product information will

I know the ...

✓ Names / models / databases of products requested

Products

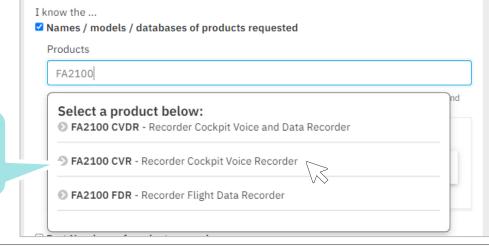
Enter model or description

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.

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



(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)

✓ 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. choose from the picklist. For reference, you can use the Publication & Software Ind Selected Products: FA2100 CVR X

I know the ...

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 and choose from the picklist. For reference, you can use the Publication & Softwa

Selected Products:

FA2100 FDR X FA2100 CVR X

☐ Part Numbers of products requested

Additional information / comments regarding access

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

My Email Notifications



Didn't receive an email notification?

Check your spam folder.
Check your IT department or Outlook settings.

Navigation

This page can be accessed under the profile icon.



L3HARRIS FAST, FORWARD.

Commercial Avionics Technical Publications MY PUBLICATIONS & SOFTWARE

ACSS DATABASES

Turn All ON

This button will turn all

email notifications on for all

files in the list.

REQUEST ACCESS

Turn All OFF

This button will turn all email notifications *off* for all files in the list.

Filter Listing

Use these filters to find a file more quickly by typing a word or number in the appropriate column.

MY EMAIL NOTIFICATIONS

If email notifications are turned on, you will be notified when the item is updated.

(i) Please Note:

- This page allows you to configure whether you wish to receive email notifications when existing files are updated.
- If you turn notifications off, you will still receive emails for new files added to our system relating to products your account is configured for.
- If you do not wish to receive notifications for a given product, you must ask us to have your access removed entirely. Otherwise, L3Harris is obligated to ensure our user base is notified of important product changes.

Files you have email notifications turned on: 1215			TURN ALL ON	TURN ALL ON TURN ALL OFF		
TITLE	TYPE	PUBLICATION PART #	ATA #	EMAIL NOTIFICA	TIONS	
This is a notification that a new T3CAS Terrain Database (615A Version now available as part number 9100032-120W	n) is Technical Newsletter	8009572-120		ON	✓	
This is a notification that a new T3CAS Terrain/Airport Database is now available as PN 9100030-110W	Technical Newsletter	8008339-110		ON	■	
(AMOC - Interference Limiting) - Part No. 9003500-10001 thru -1000 -10802, -10803,-10900 thru -10905, -10908, -55001 thru -55005, -55900, -55901, -55902, -55904, -55905, -55908, -57901,-65001 ti -65005, -65900, -65901, -65902, -65904,-65905, and -65908	Bulletin	8008419-001	9003500- 34-6022	OFF		
(Inactive) L3AP repair station locations, equipment stock, and part number identification	Sonico	1240-000		ON		
		I Notifications				
(Inactive) New Sales Policy for Aviation Recorders Products	This colu	mn will tell you if y	vou .	UNI	Į.	

have email notifications turned

on or off for each file.

Turn Email Notifications On / Off

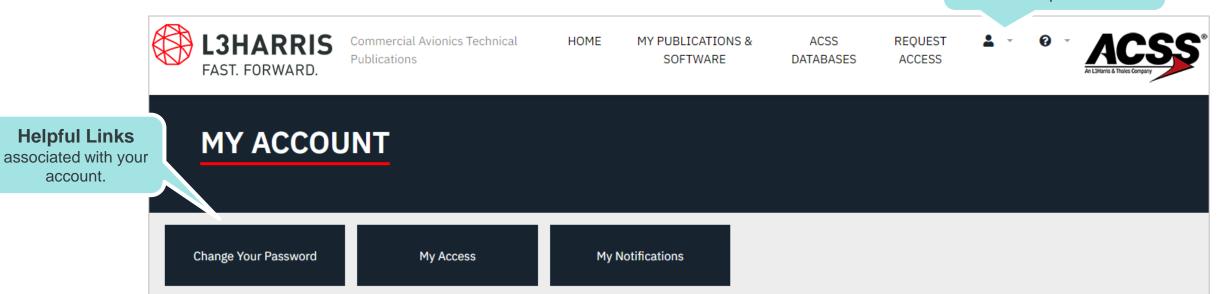
Check the box to turn on notifications, Uncheck to turn notifications off.

My Account



Navigation

This page can be accessed under the profile icon.



My Access

Navigation

This page can be accessed under the profile icon.



My Access

Listing of all the publications and software your account has access to.

Sort

Listing can be sorted by clicking on the column name you want to sort by.

Filters

Filter any column by using these. Except for Rev Date, simply type what you want to filter by.

(i) 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.

FAST, FORWARD,

Commercial Avionics Technical **Publications**

HOME

MY PUBLICATIONS & SOFTWARE

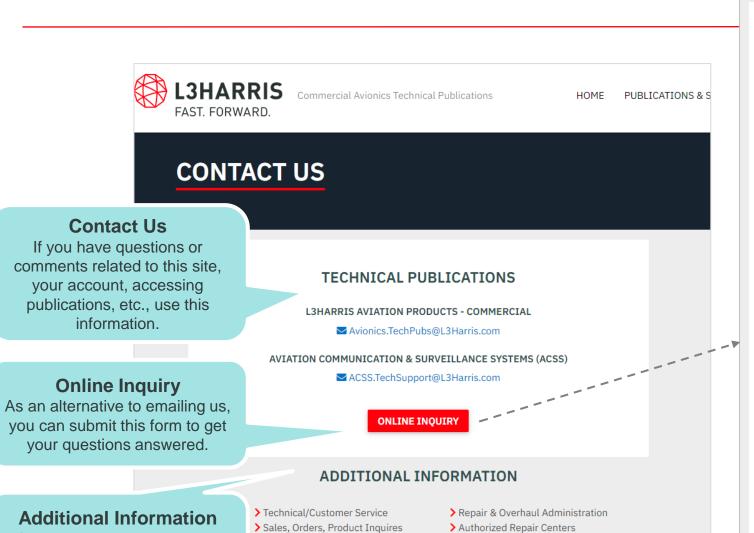
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Product	Туре	Pub Part #	ATA #	Rev#	Rev Date	File Title	Subject / Description	Product Part Number
					•			
GE - Power Conditioning	Component Maintenance Manual	GEK-4715		Orig	11/01/1965	Field Maintenance Manual	Pub# GEK-4715	
612RIU	Service Bulletin	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- F4519-05		8.4	08/14/2019	840-E4519-05	SMP V8.4 6627 FDP V3.8 24AD	2100-666

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