

## **Instructions for Downloading Databases from Collins Aerospace Aeronautical Data Services Website**

**Link:** [Collins Aerospace Aeronautical Data Services Website](#)

Select a database loading method below for specific instructions

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## SUPPORT

### Database Tech Support – Data Content and Database Downloading

**Monday-Friday 7:30 a.m. – 4:30 p.m. CST**

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**After Hours Customer Support:**

Telephone: +1 319-295-5000 - *Option 1 > Option 1*

E-mail: [CollinsDatabaseTech@collins.com](mailto:CollinsDatabaseTech@collins.com)

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### Database Subscriptions

**Database Subscription Department**

**Monday-Friday 7:30 a.m. – 4:30 p.m. CST**

Telephone: +1 319-295-5000 - *Option 3*

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E-mail: [collinsfmssubscriptions@collins.com](mailto:collinsfmssubscriptions@collins.com)

### Database Alerts, Exclusions, and Certifications

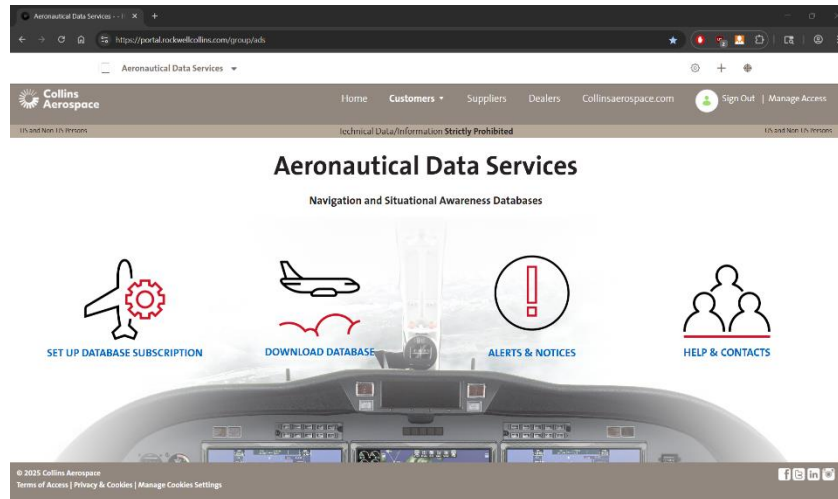
Link: [Navigation Database Alerts](#)

## Downloading and Extracting Databases

Go to the Collins Aeronautical Data Services website - <https://portal.rockwellcollins.com/web/ads>

Click on the **Download Database** link.

1. Login with your Database Service username (e-mail address) and password.



2. If you need password assistance, please call 888-721-3094 (U.S. and Canada). All other locations may call +800-72130941



Email

YOUR\_EMAIL@DOMAIN.COM

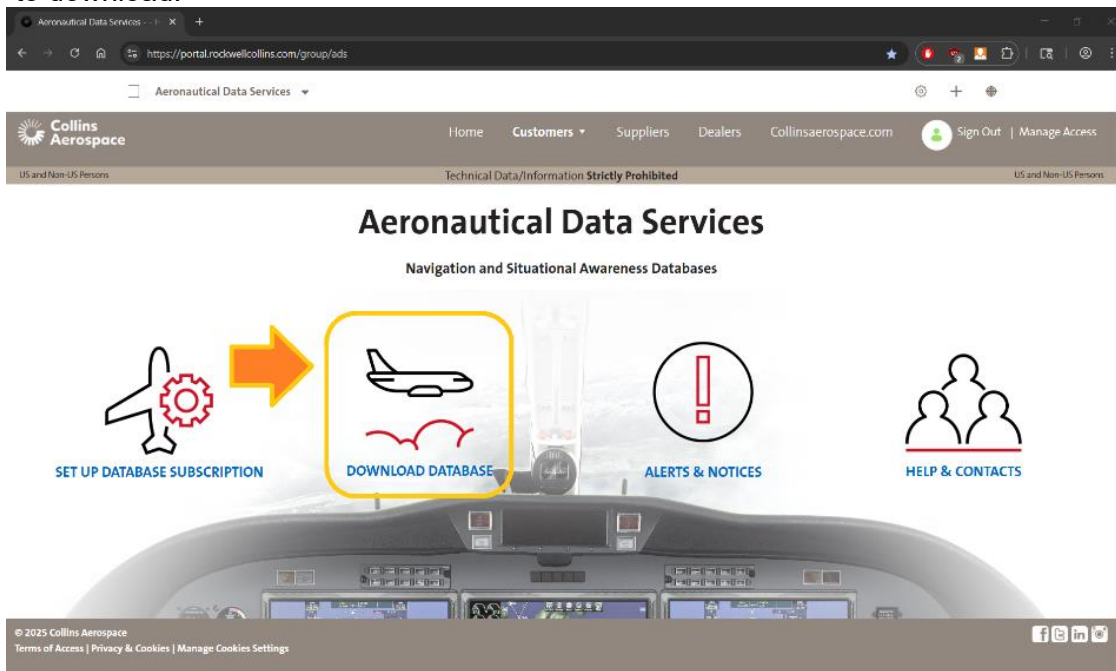
Password

.....

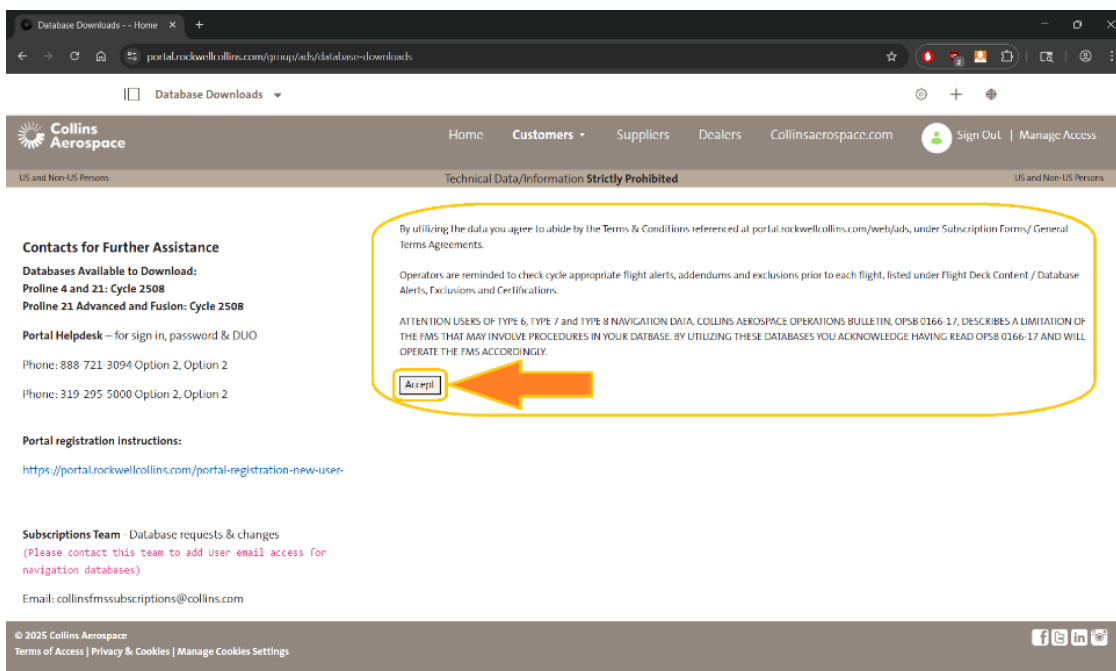
Log In

Create new account  
Forgot password / Reset password  
Help

- The database(s) eligible to download will be displayed. Double-click on the database you want to download.

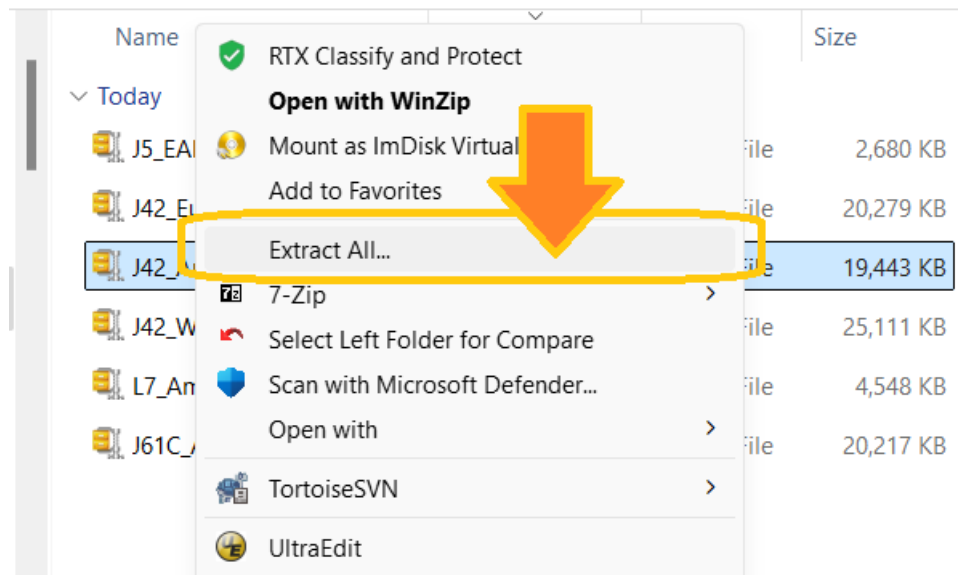
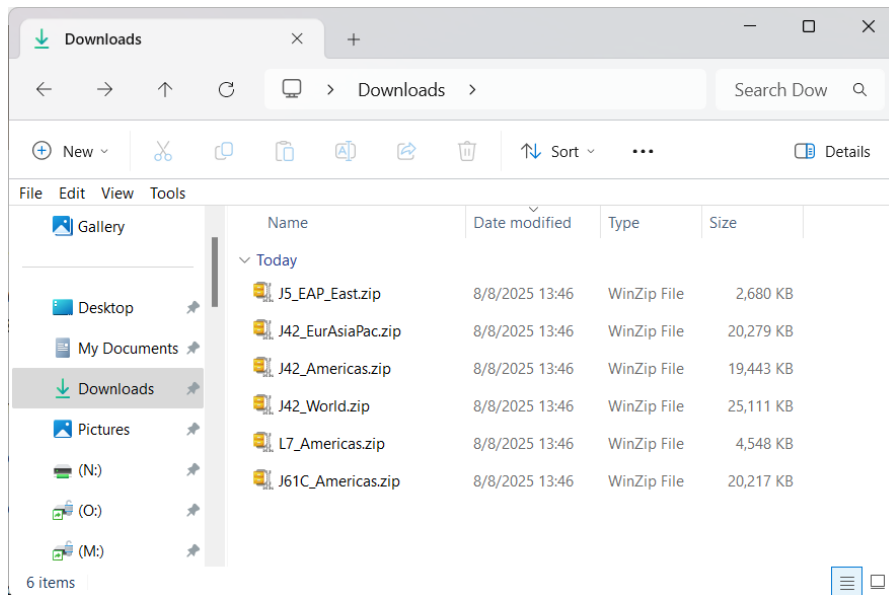


- A disclosure message will appear. You must click the “Accept” button to view your databases.

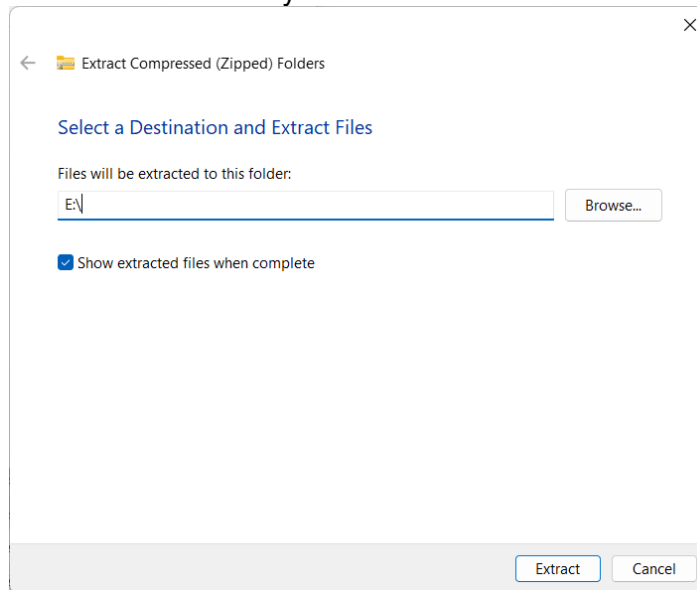




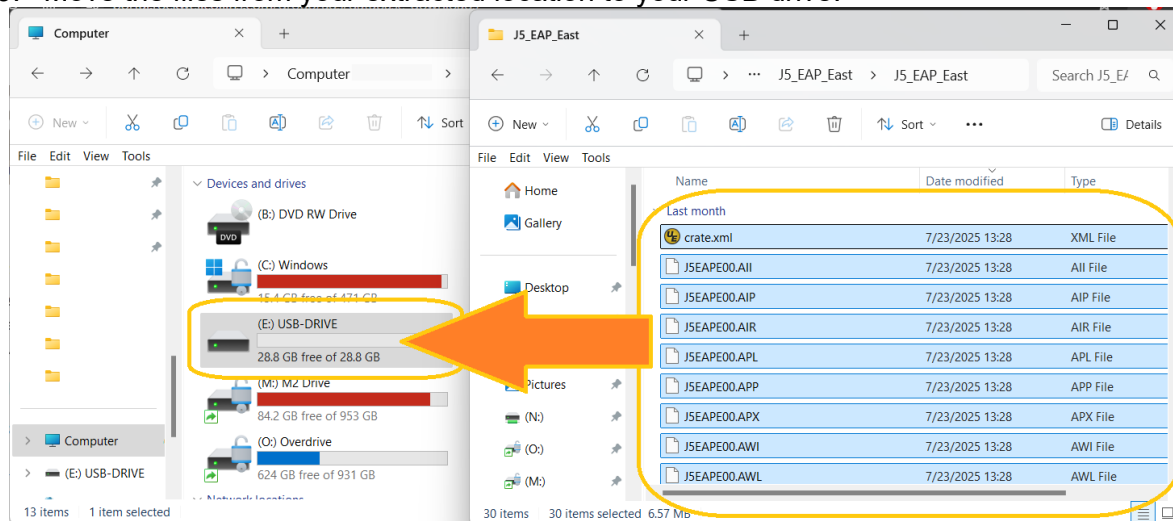
database you'd like to extract. Depending on the program you use to unzip folders, your selection may vary.



8. Extract / Unzip the files to a location you can find.



9. Move the files from your extracted location to your USB drive.



10. Navigate to the USB drive folder. You should see the new files that were created during the unzipping process of your databases. You can now remove your USB drive and proceed to upload your databases into your aircraft.

## USB Drive Management

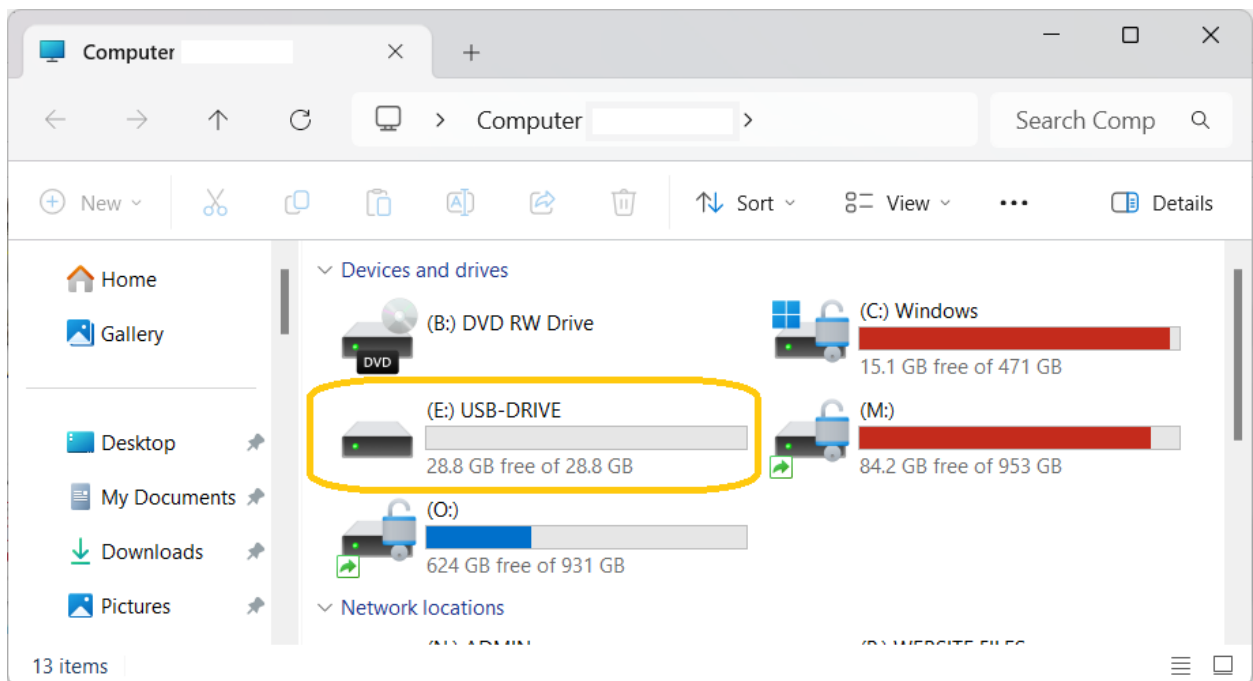
### **Non-Enhanced DBU-5000 Pro-Line 4 or Pro-Line 21 non-IFIS Equipped Aircraft**

If you have a Non-Enhanced DBU-5000, the database files must be *unzipped* to the root directory of the USB memory stick and only one database can be loaded at a time.

### **Enhanced DBU-5010E Pro-Line 21 IFIS or Pro-Line Fusion Equipped Aircraft**

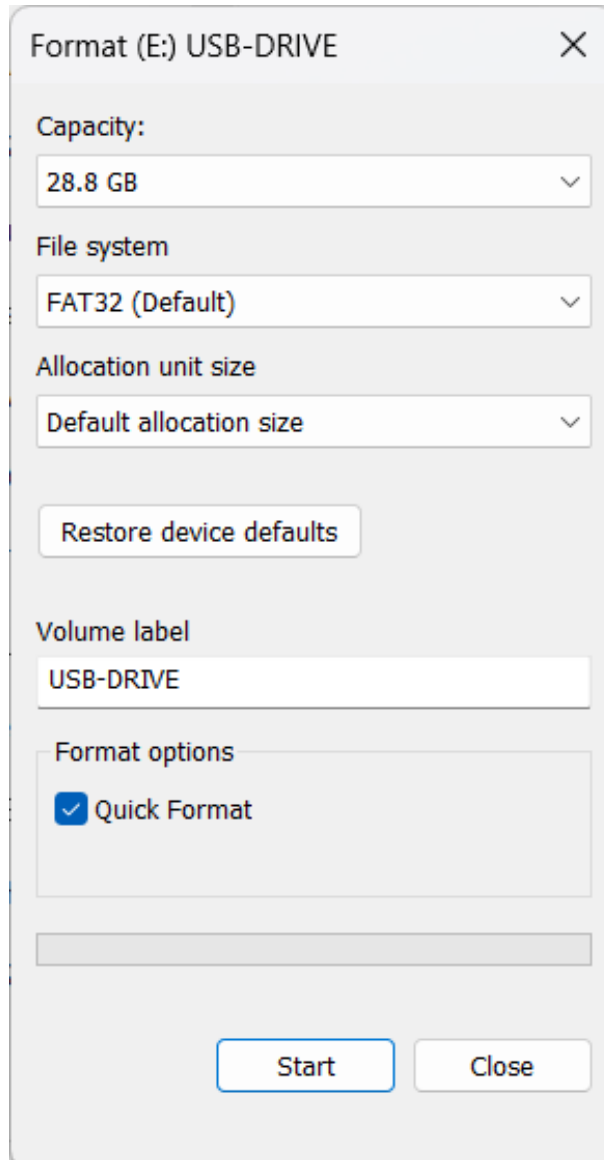
If you have an Enhanced DBU-5010E, you have the capability of creating folders and loading multiple databases onto the memory stick at one time. On page 10 of this document there are recommendations to manage your USB memory stick folders as shown below.

1. Begin with a blank, 1 GB (min.), USB memory stick. Insert into USB drive of computer.
2. Open ***This PC*** or ***My Computer*** and select the USB Removable Disk drive. In this example it is (E:).



3. **ATTENTION: Formatting a USB Drive will Delete ALL data and information stored on the drive. Please save any data you wish to keep from the drive somewhere safe before proceeding to this next step.**

**Right-click** on your USB drive and select the **Format** option. You will want to ensure your USB drive is using a **File System** of **FAT32** or **exFAT** to function properly. Keep the Allocation unit size at it's **Default** value. You may name your USB drive as you see fit for your own use. You may then Click the **Start** button on the bottom and the USB drive will be formatted and ready for use.



Format (E:) USB-DRIVE

Capacity:  
28.8 GB

File system  
FAT32 (Default)

Allocation unit size  
Default allocation size

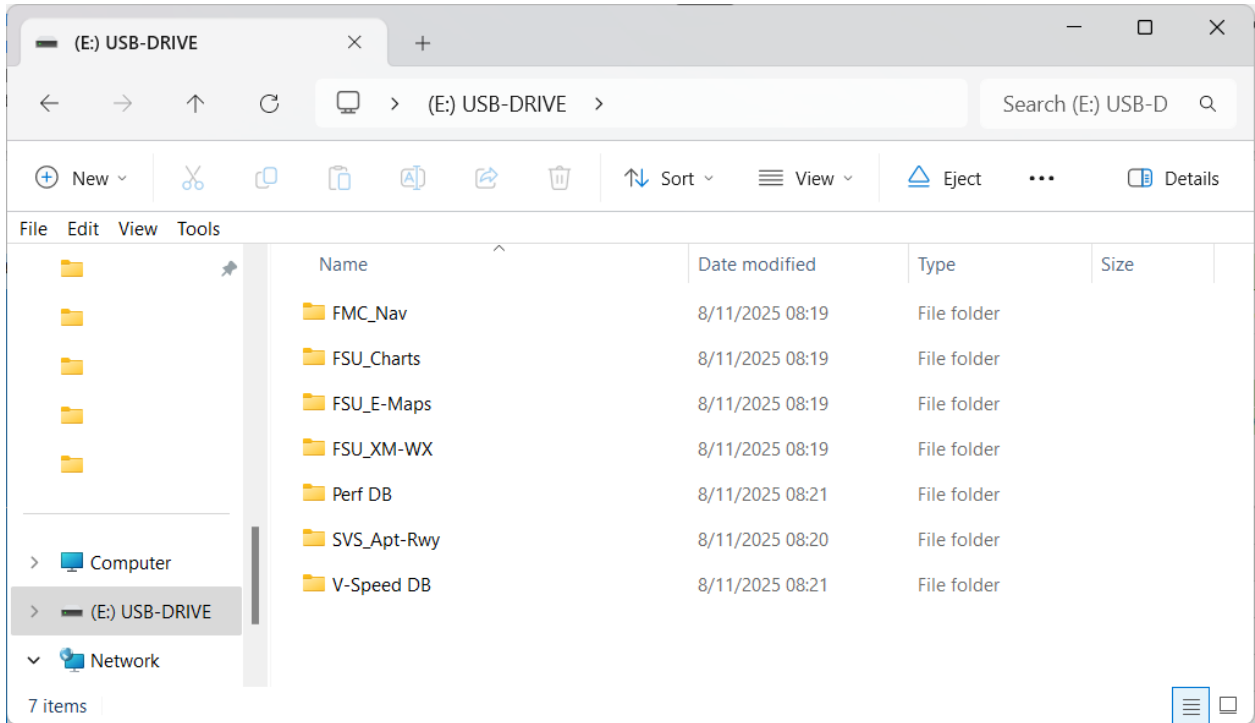
Restore device defaults

Volume label  
USB-DRIVE

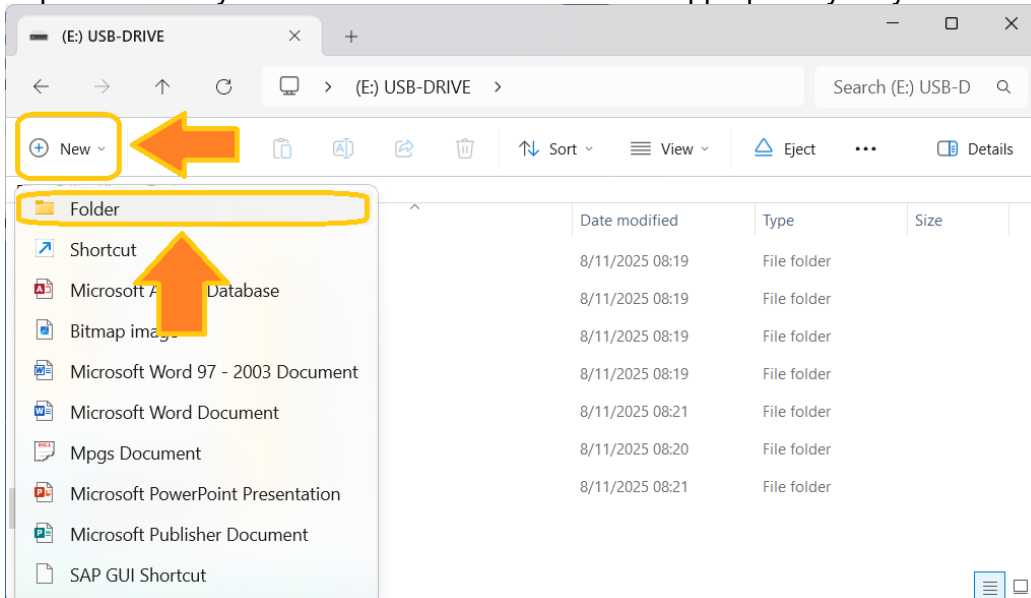
Format options  
☒ Quick Format

Start Close

4. The enhanced DBU-5010E is capable of reading databases located in *folders* on the USB memory stick. This allows you to have all your databases on one stick at the same time. We recommend you set up the following directories on your USB memory stick. These are only recommendations to help organize the databases and may be altered as necessary.



5. If you would like to add more folders. Click on the **New** button on the top left of your File Explorer. There you can select **Folder** and name it appropriately for your new database.



6. Certain Databases require specific folder names or file paths to function properly. Please refer to the chart below for any such database.

Database Name	File Name on Portal	Folder / Path Name*
GPS/FDE - Database for the Collins Aerospace GPS Predictor Tool	GPS_FDE_NAVDB.zip GPS_FDE_NAVDB_LSY.zip	C:\Program Files\Rockwell Collins\GPS Coverage Predictor\DB_Files
GS Nav Databases	J42_Americas_GS.zip J42_AMR_CASA_GS.zip J42_EurAsiaPac_GS.zip J42_WLD_CASA_GS.zip J61_Americas_GS.zip J61_EurAsiaPac_GS.zip J61_World_GS.zip	E:\NAVDB

\*Use the appropriate drive letter for your use case.

## **DIGITAL SIGNATURE VALIDATION WITH CARILLON INFORMATION SECURITY INC.**

Collins navigation databases and associated files delivered on the Collins Aerospace customer portal are all digitally signed with a crate.xml file. This can be used with a Validation tool and appropriate license from Carillon Information Security Inc. Through validation you can ensure that your files have not been altered, corrupted, or changed in any way from their original state. For access to the validation tool and licensing subscription to use it, please contact Carillon at the following methods or visit their website at <https://www.carillon.ca/en/>.

### **Customer Service Group**

Available from Monday to  
Friday

8:00AM to 8:00PM  
Eastern Time

+1 514 485-0789

1 844 754-7484 (1 844 PKI-  
PIV-I)

[customer\\_service@carillon.ca](mailto:customer_service@carillon.ca)

### **Sales**

Canada  
1 514 485-0789  
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PIV-I)  
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