Navigation Database Data Downloading Via UniNet for Solid-State Transfer Units

Customer Support Guide
Doc No. CS14-0001
15 October 2015

The following instructions are for customers downloading their Navigation Database from [UniNet](https://secure.uasc.com/uninet/) onto a USB memory stick or SD card.

Getting Started

- ✓ Access UniNet at https://secure.uasc.com/uninet/
- ✓ For questions concerning a UniNet account or Navigation Database subscription please contact Universal Avionics Systems Corporation with the account information.
- ✓ These instructions are written using the Internet Explorer browser. Procedures may vary using other Internet browsers.
- ✓ Microsoft® Windows® is required for downloading data through UniNet. Apple Mac computers can be used only when emulating Microsoft Windows. *Consult the computer user's guide.*
- ✓ A 32GB or smaller USB memory stick or SD card is recommended. This does not need to be formatted and can have other data saved on it.

Tips

- ✓ Be sure the database is put into a folder on the USB memory stick or SD card named uasc in lowercase letters.
- ✓ If the database will not load onto the USB memory stick or the SD card try a new one.
- ✓ If the database will not load into the Universal Flight Management System it is recommended to follow the instruction again using a new or known good USB memory stick or SD card.
- ✓ If the computer prevents the download, it is likely due to the network or computer antivirus or firewall settings. Consult the antivirus manufacturer, your company IT department or the PC operator's manual. Or use a different PC and/or network.
- ✓ It is only necessary to load a navigation database into the Flight Management System one time. The FMS will automatically begin using the database cycle at the first power up on or after the effective date.
- ✓ If the data will not load into the Flight Management System, try repeating the following procedures with a new or known good media device. If issues continue to occur, contact Universal Avionics Customer Support.

Equipment

✓ Along with a Microsoft Windows based PC with a USB port or SD card slot, a 32 GB or smaller USB memory stick or SD card is needed. Some database subscription may require several media devices. Pictured are a USB memory stick and a SD card. *This equipment is not manufactured by Universal Avionics.*

✓ The aircraft should be equipped with a Solid State Data Transfer Unit (SSDTU) which can be mounted into the aircraft part number 1408-00-X or portable part number 1409-00-2. *This equipment is manufactured by Universal Avionics.*

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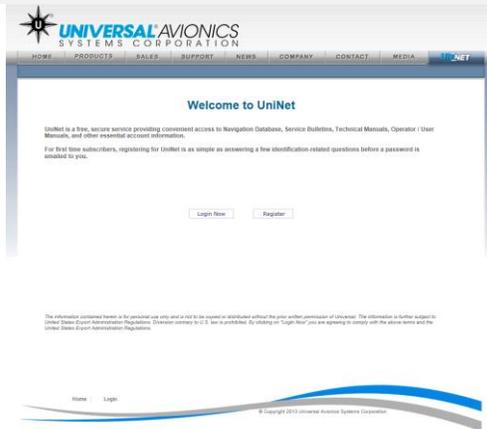
1. Use an Internet Explorer browser to go to **https://secure.uasc.com/uninet/**
2. If there is an established UniNet account select the **Log In** option. If there is not an existing UniNet account select the **Register** option and fill out the information.

3. To log in, enter the **email address** assigned to the account and the **password**. If you are missing this data please contact Universal Avionics Customer Support with the tail number of the aircraft the account is assigned to.

1. It is not necessary to format the USB memory stick or SD card. However, the database needs to be saved into a folder on the media device named uasc in all lower case letters.
2. Locate "Computer" or "My Computer" through the Start Menu or computer icon found on the Desktop.
3. Use the mouse to double left click over the Removable Disk drive or the Secure Digital Storage Device drive, depending on the media type. This will open the device.
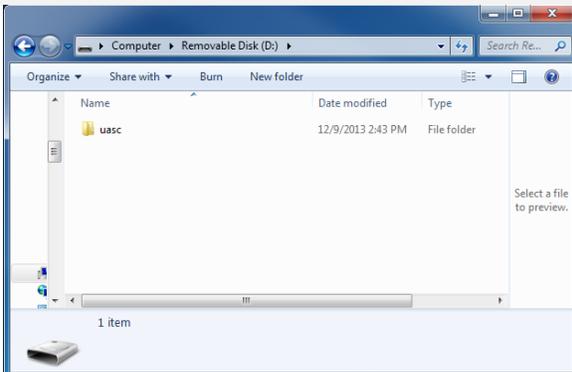
4. Use the mouse to right click once in the white space. Find the word **NEW** in the context menu and then select **FOLDER.**
5. Name this new folder uasc in lower case letters. Right click once over New Folder and select **RENAME** then type **uasc** and hit **ENTER**.
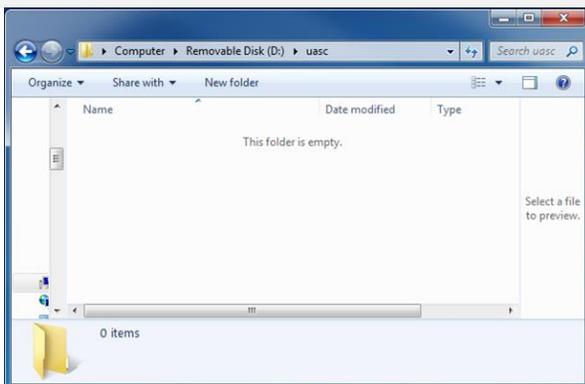
6. Open the uasc folder and verify that it is empty. If it is not empty, delete everything inside.

1. Once logged into UniNet select **Navigation Data** from the blue bar. This is under the silver bar and the words "PRODUCTS" and "SALES."
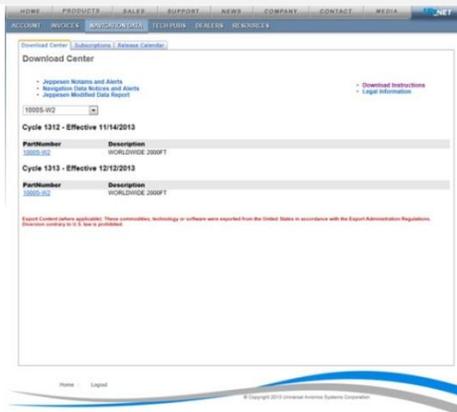
2. All released subscriptions for the current cycle will be displayed under the Navigation Data tab. The next cycle is released approximately two weeks prior to its effective date. New cycles become effective every 28 days.

3. Select the correct cycle for the database that needs to be downloaded. This is done by clicking once on the blue font under part number.
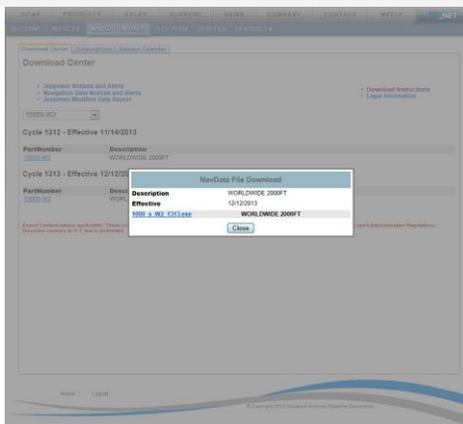
4. A NavData File Download Window will pop up on the computer screen. There will be at least one .exe file. For some subscription there will be multiple lines displayed. Each line is an .exe file and each .exe file should be downloaded onto separate USB sticks or SD cards. Each .exe file is required to obtain the full database.
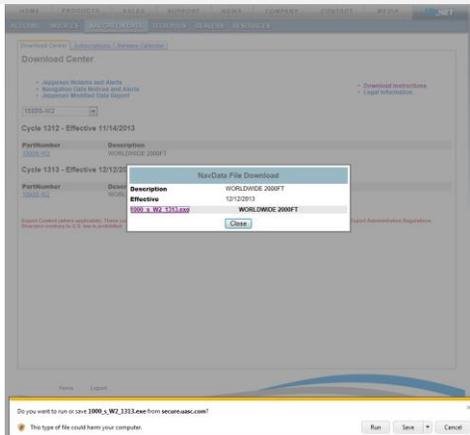
5. Click once on the blue font of the .exe file.
6. A prompt will display on the screen. Select the **RUN** option.
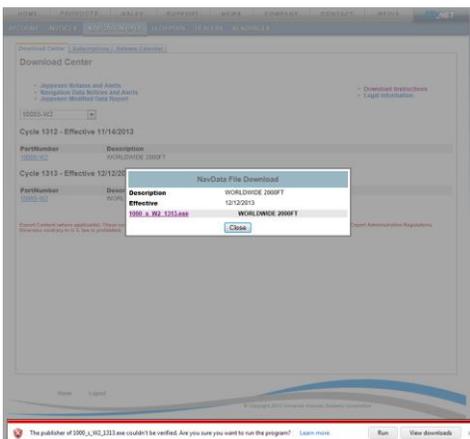
7. Another prompt might be displayed stating *"Are you sure you want to run this program?"* Select the **RUN** or **RUN ANYWAY** option. These options might be found under **ACTIONS** and **MORE ACTIONS**.
8. If the options are not available or are blocked by the computer, it is likely due to the network or computer antivirus or firewall settings. Consult the antivirus manufacturer, your company IT department or the PC operator's manual.
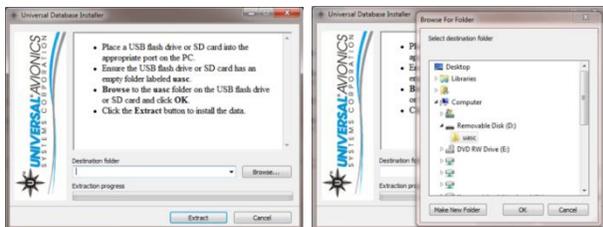
9. When the **Universal Database Installer** window appears, notice the Destination Folder address window. Select **BROWSE**…and navigate to the Removable Disk drive or the Secure Digital Storage Device drive, depending on the media type. **Be sure to select the uasc folder.**
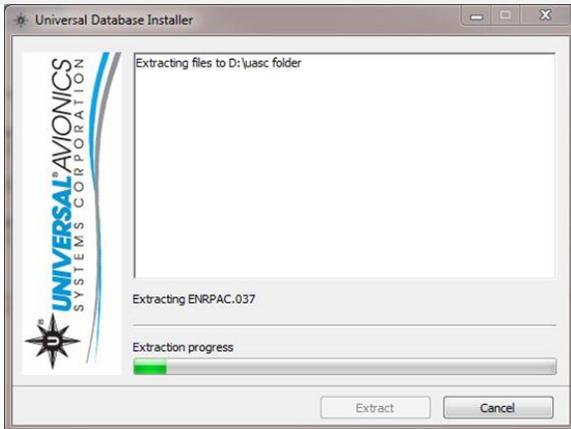
10. After selecting the appropriate drive and the uasc folder, the Destination Folder address window should contain the proper path to the correct drive and uasc.
11. Select **EXTRACT**. The Database is now being saved to the media device. The Universal Database Installer window will disappear when extraction is complete.
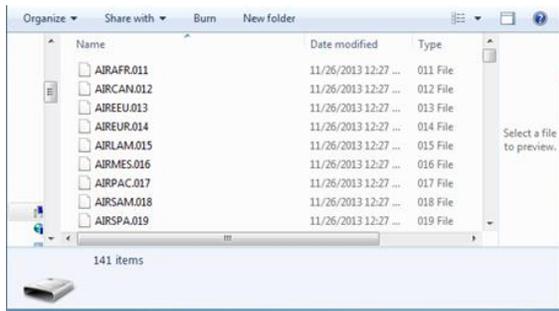
12. Once the extraction process is complete, verify that the files were saved to the uasc folder on the USB stick or SD card. Locate "Computer" or "My Computer" through the Start Menu or computer icon found on the Desktop. Open the USB or SD card drive, then open the uasc folder. Note that a number of files have saved to the disk. The exact number will vary.

Information pertaining to loading the downloaded navigation database into the Flight Management System may be found in the applicable Universal Avionics' Flight Management system Operator's Manual. Refer to the approved Airplane Flight Manual Supplement for certified version. Database sets must be loaded in the proper order beginning with S1 and followed by the E disks in numerical order.