



Navigation Database Data Downloading Via UniNet for 3.5” Floppy Disk Transfer Units

Customer Support Guide

Doc No. CS14-0002

29 April 2014



The following instructions are for customers downloading their Navigation Database from [UniNet](#) onto a 3.5" floppy disk.

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.*

Tips

- ✓ If the disk will not format check to be sure the write protect tab is covering the hole. *Reference the photo of the 3.5" floppy disk in the Equipment section on page 3.*
- ✓ If the disk will not format, try a second disk. Even if the disk is new it might still be bad.
- ✓ If several disks will not format, be sure the floppy disk drive is connected and functioning. It should make noise and a light may flash on the front of the drive. If the drive is suspected to be bad, try a different PC or new external drive.
- ✓ Disks can also be formatted through the Universal Flight Management System. Please consult the appropriate Operator's Manual for instructions. Manuals can be found on UniNet.
- ✓ 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 set 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 disk will not load into the Flight Management System, try repeating the following procedures with new 3.5" floppy disks. If issues continue to occur, contact Universal Avionics Customer Support.

Equipment



- ✓ Along with a Microsoft Windows based PC a 3.5" floppy disk drive is required. There might be a drive built into the PC. Pictured is a 3.5" floppy disk external drive. It can be connected to a PC with a USB port via a USB cable. *This equipment is not manufactured by Universal Avionics.*



- ✓ Writeable 3.5" floppy disks are required. Be sure the write protection tab is intact and slid up, covering the hole. When viewing the disk as pictured the write protect tab is in the lower right corner. The number of disks required will depend on the database. Some subscriptions use as many as four disks. *This equipment is not manufactured by Universal Avionics.*



- ✓ The aircraft should be equipped with a 3.5" floppy disk data transfer unit (DTU) which can be mounted into the aircraft part number 1405-01-1 or portable part number 1404-01-1X. *This equipment is manufactured by Universal Avionics.*

Logging on to UniNet



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.

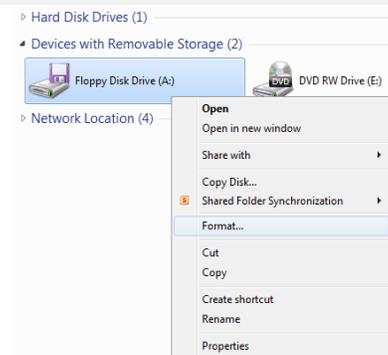


3. To log in, enter the **email address** assigned to the account and the **password**. If you are missing this data please contact Universal Avionics Customer Support with the tail number of the aircraft the account is assigned to.

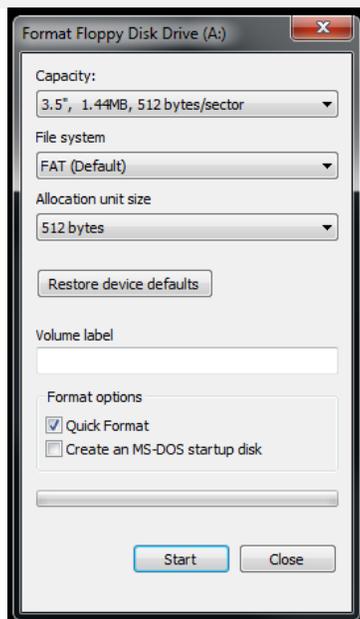
Formatting the Disk



1. **Always format the disk before use.** Do so by accessing the Floppy Disk Drive through the PC. If using an external drive, connect the device to the PC now. Locate "Computer" or "My Computer" through the Start Menu or computer icon found on the Desktop.

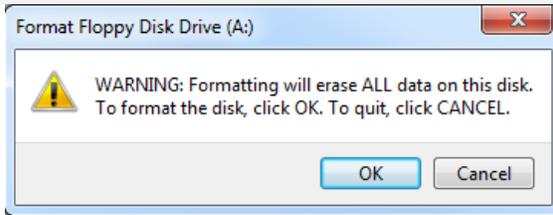


2. Insert the 3.5" floppy disk into the disk drive. Be sure the write protect tab is covering the hole.
3. Right click on the Floppy Disk Drive and select **Format** from the context menu.

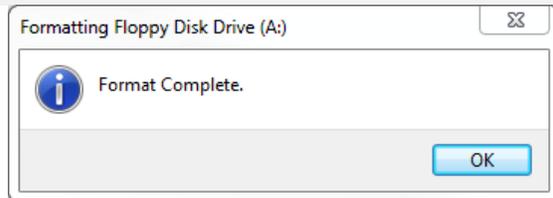


4. In the Format Floppy Disk window verify that:
 - **File System** is set to **FAT** or **FAT (Default.)**
 - **Quick Format** is checked under **Format Options.**
5. Click on **Start** to begin formatting the disk.

Formatting the Disk cont.

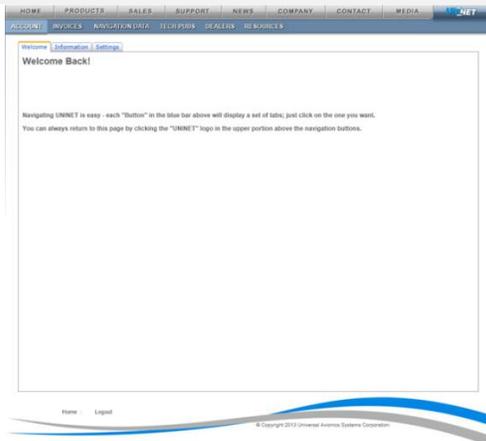


6. A WARNING prompt will appear. Select **OK** to begin formatting the disk.

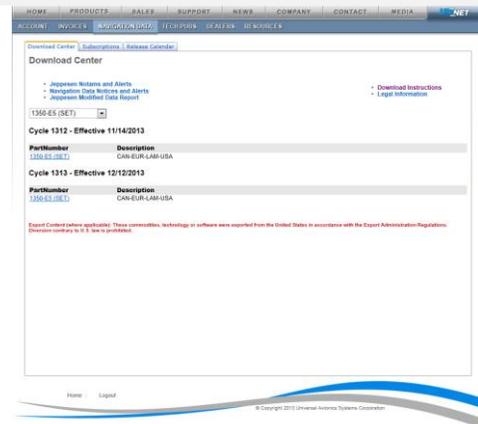


7. A Format Complete prompt will appear once formatting is completed. Select **OK**. Follow the Formatting the Disk procedures for each disk used for downloading the navigation database.

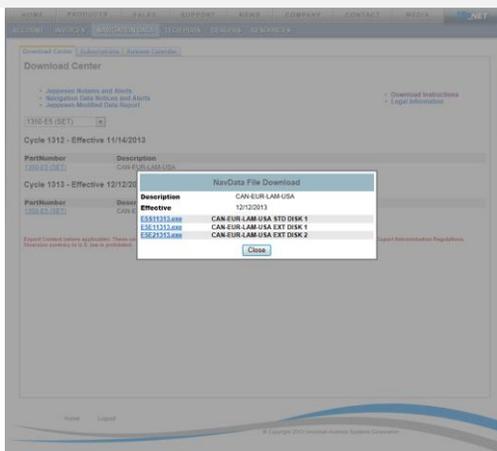
Downloading Navigation Databases



1. Once logged into UniNet select **Navigation Data** from the blue bar. This is under the silver bar and the words “PRODUCTS” and “SALES.”

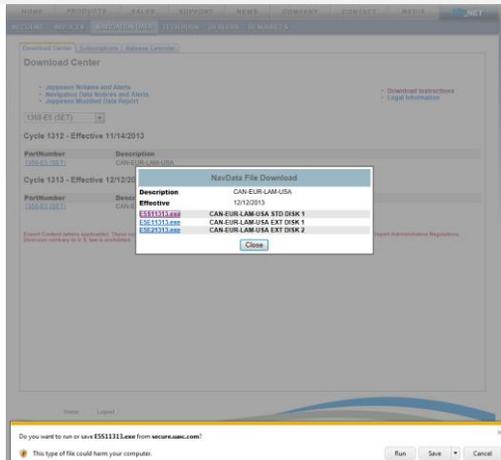


2. All released subscriptions for the current cycle will be displayed under the Navigation Data tab. The next cycle is released approximately two weeks prior to its effective date. New cycles become effective every 28 days.
3. Select the correct cycle for the database that needs to be downloaded. This is done by clicking once on the blue font under part number.

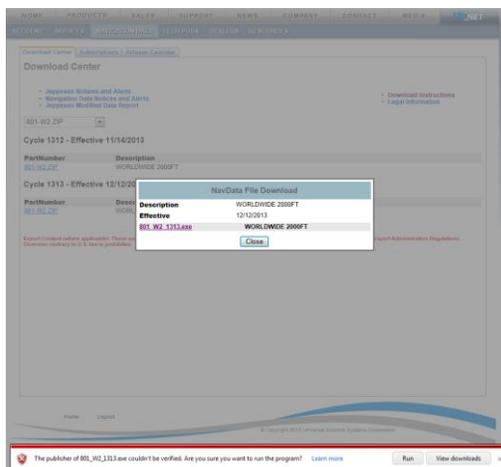


4. A NavData File Download Window will pop up on the computer screen. For most floppy subscription there will be multiple lines displayed. Each line is an .exe file and each .exe file should be downloaded onto separate floppy disks. Each .exe file is required to obtain the full database.

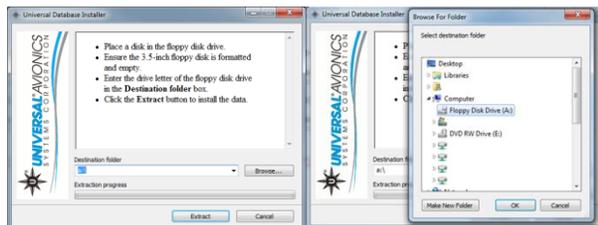
Downloading Navigation Databases cont.



5. Click once on the blue font of the .exe file that needs to be downloaded.
6. A prompt will display on the screen. Select the **RUN** option.

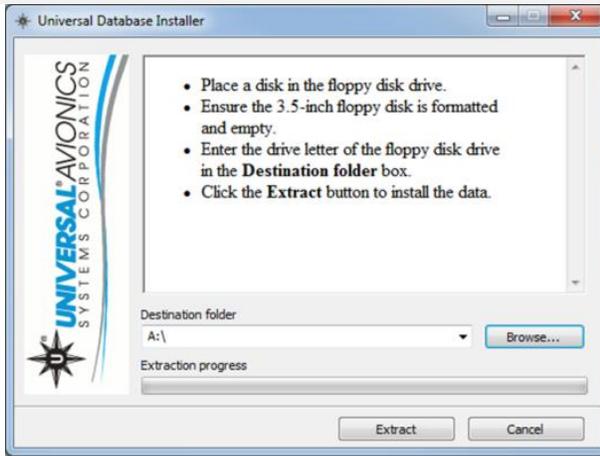


7. Another prompt might be displayed stating “Are you sure you want to run this program?” Select the **RUN** or **RUN ANYWAY** option. These options might be found under **ACTIONS** and **MORE ACTIONS**.
8. If the options are not available or are blocked by the computer, it is likely due to the network or computer antivirus or firewall settings. Consult the antivirus manufacturer, your company IT department or the PC operator’s manual.

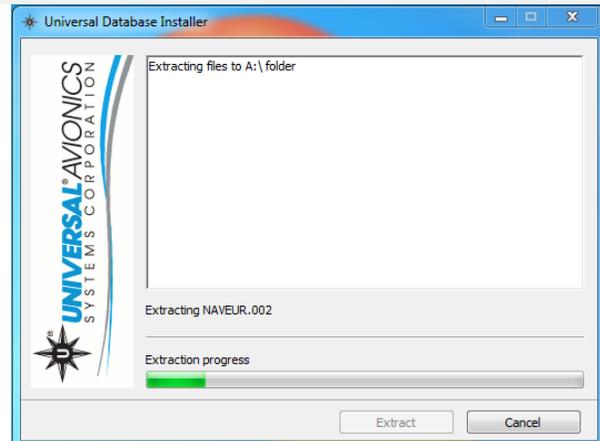


9. When the **Universal Database Installer** window appears, notice the Destination Folder address window. Select **BROWSE...** and navigate to the **3.5” Floppy Disk Drive**.

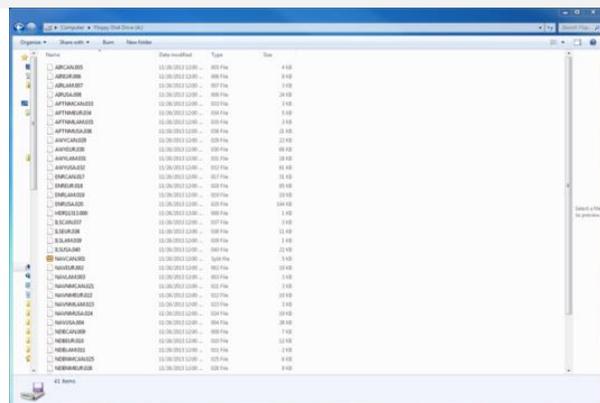
Downloading Navigation Databases cont.



10. After selecting the 3.5" Floppy Disk Drive the **Destination Folder** address window should contain the proper path to the correct drive.

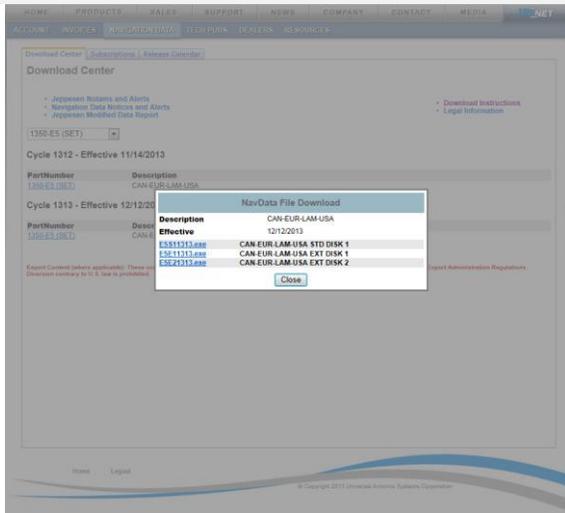


11. Select **EXTRACT**. The Database is now being saved to the 3.5" floppy disk. The Universal Database Installer window will disappear when extraction is complete.



12. Once the extraction process is complete, verify that the files were saved to the floppy disk. Locate "Computer" or "My Computer" through the Start Menu or computer icon on the Desktop. Open the floppy disk drive and note that a number of files have saved to the disk. The exact number will vary.

Downloading Navigation Databases cont.



13. Repeat the steps for Formatting the Disk and Downloading Navigation Databases for each .exe file in the subscription. Each .exe file should be downloaded onto separate floppy disks. Each .exe file is required to obtain the full database. Once all of the files have been saved to floppy disks, the database can be loaded into the Universal Avionics Flight Management System. Consult the appropriate FMS operator's manual for instructions.

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.