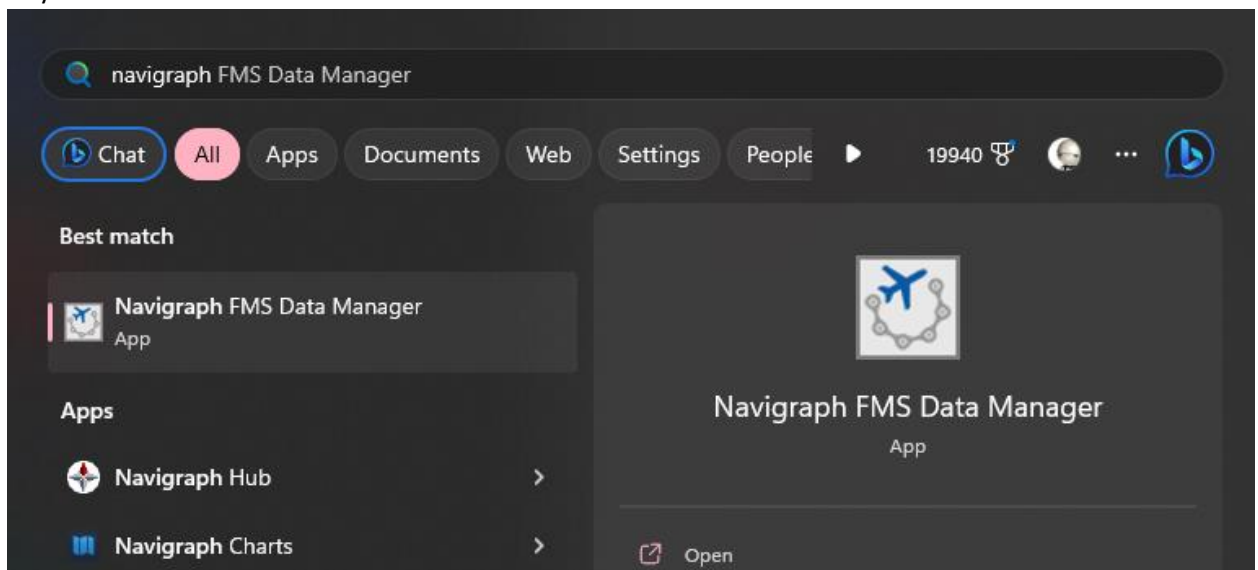# Updating AIRAC data for vSTARS and vERAM (Navigraph and Manual)

The vERAM and vSTARS AIRAC data must be periodically updated. If you have a subscription to NaviGraph, you can use the NaviGraph FMS Data Manager to do this automatically.
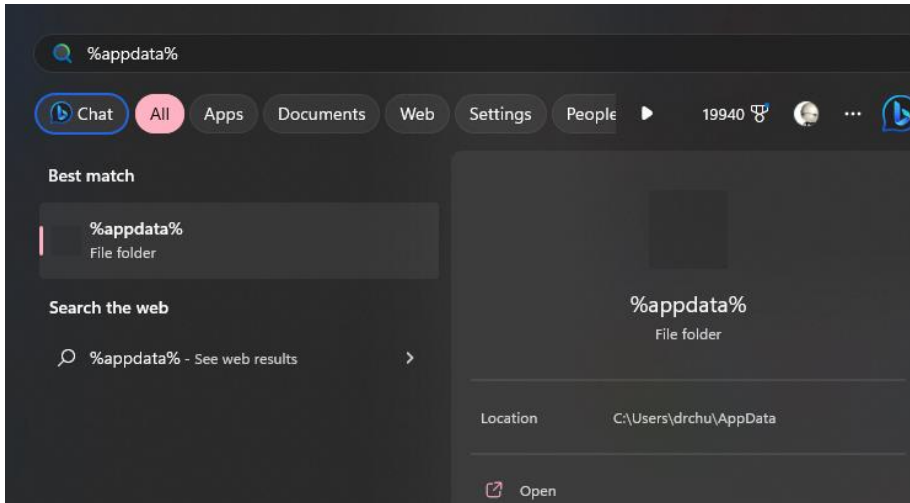
Navigraph FMS Data Manager:

1. Open FMS Data Manager from your desktop or by typing "Navigraph" in your search icon/field of your task bar.

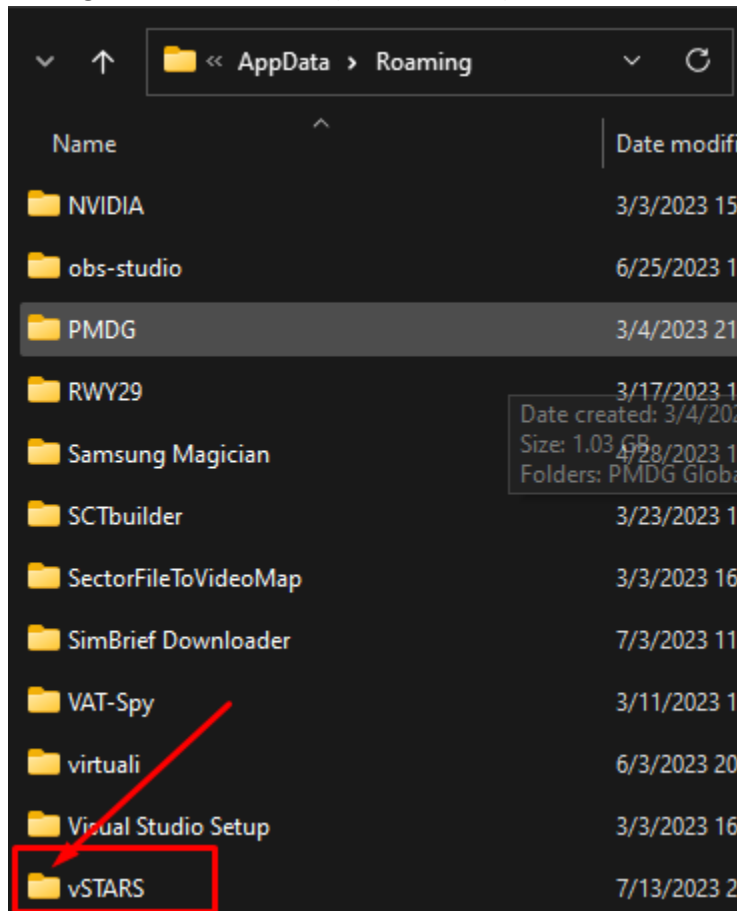2. Click on the word, "Open" or simply press [Enter].
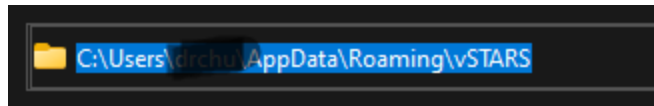3. Select the "Addon Mappings" button:

4.   FIND AND SAVE your %appdata% folder.
     a. Go back to your Search icon/text field and enter, "%appdata%"

b. By default, this will open your Roaming appdata folder where the majority of Windows applications are housed (including vSTARS and vERAM). If you installed your vSTARS in a different location, you'll have to find it yourself. (The properties selection of the desktop icon usually provides this location.)

c. Scroll down until you find "vSTARS" (or "vERAM") and open that folder by double clicking on the folder ICON (not the name).
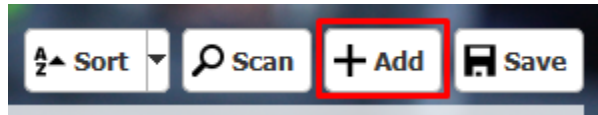

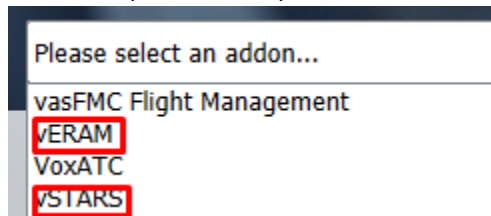d. Click ONCE in the address bar, which will select the entire address in Windows' "file manager" format.

> C:\Users\drchu\AppData\Roaming\vSTARS

    e.   Hold down your CTRL button and press the C key (Windows "copy" to clipboard)

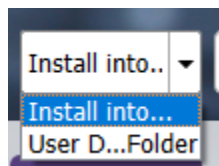   f.   Return to your FMS Data Manager.

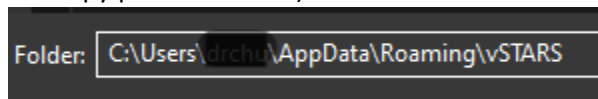5.   Setting up FMS Data Manager

    a.   Press the +Add button

> ⁝Sort ▾   🔍 Scan   ➕ Add   💾 Save

    b.   Click anywhere on the "Please select an addon…" A dropdown will open. Scroll down to "vSTARS" (or "vERAM")

> Please select an addon...
>
> vasFMC Flight Management
> vERAM
> VoxATC
> vSTARS

    c.   Click anywhere on the "Install Into" button to open the drop down. There will be only one selection. Click it.

> Install into.. ▾
> Install into...
> User D...Folder

    d.   In the file folder dialog that opens, hold the CTRL key and press the 'V' key to paste your folder that you saved to the clipboard. (If your clipboard became empty, simply repeat the copy process above.)
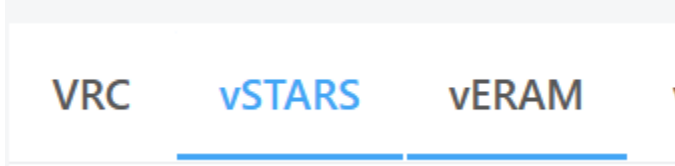
> Folder: C:\Users\drchu\AppData\Roaming\vSTARS

    e.   The mapping to your vSTARS folder is complete. Repeat these steps if you also use vERAM.

Manual AIRAC data update

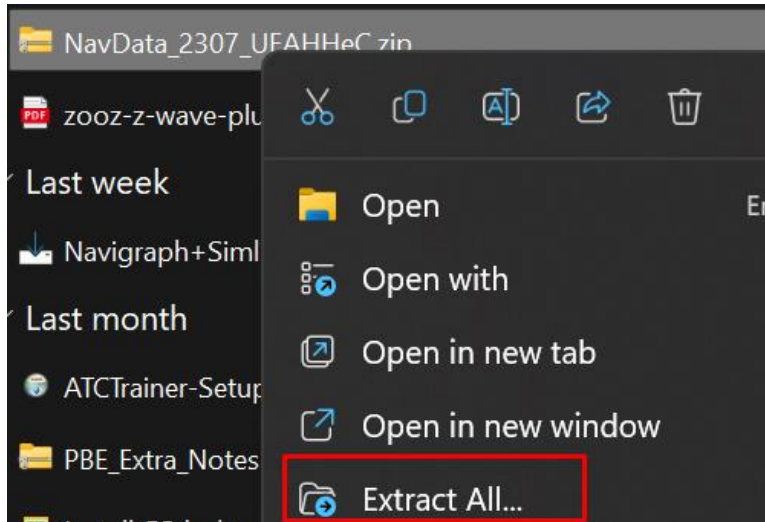*If you do not have a NaviGraph subscription, you can update your AIRAC data from our ZJX website.*

1.   Go to Documents - Jacksonville ARTCC (zjxartcc.org) (https://zjcartcc.org/documents/)

2.   Select the vSTARS or vERAM tab. It does not matter which tab you choose; the NavData zip files are identical and can be used interchangeably so you need download only one file.
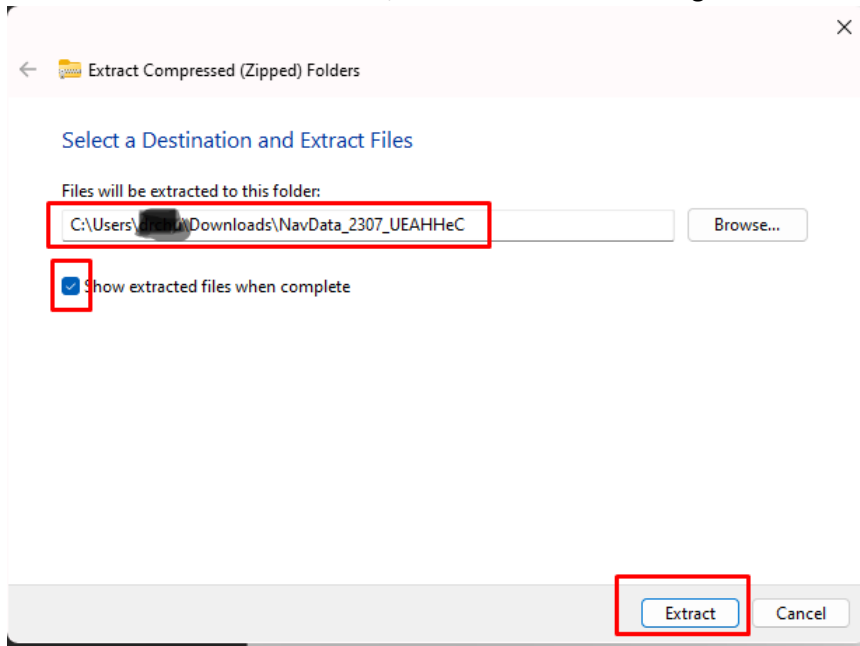
> VRC   vSTARS   vERAM

3. Download the current AIRAC NavData file. These files are updated by your Facilities Engineer staff, typically within 48 hours of publication. The currency dates are visible in the description.

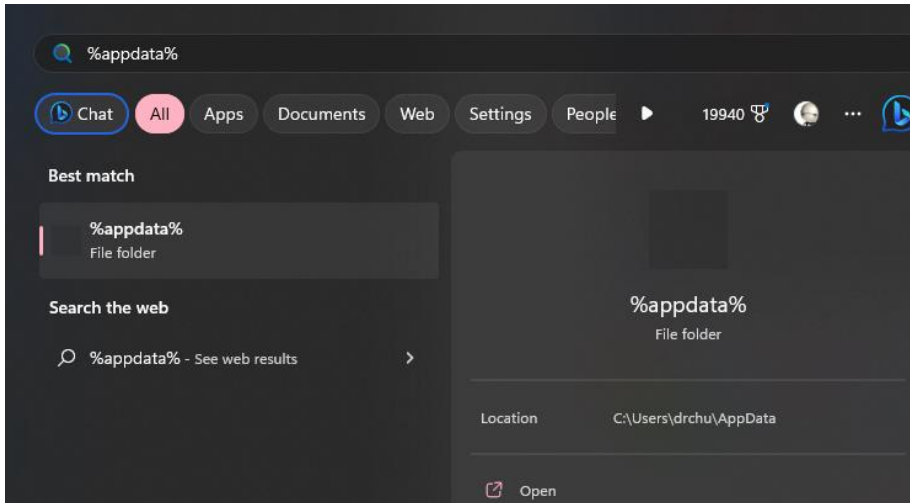| 2307 AIRAC NavData	Valid (from/to): 13/JUL/2023 - 10/AUG/2023 Note: If you are a NaviGraph subscriber and have your data manager properly configured, you do not need this file.	2023-07-14	

4. Open your "Downloads" folder. If you sort your folder to most-recent (click the "Date modified" column), you will find a "NavData_####_<hashcode>.zip file at the top of the list.
5. RIGHT click on the file and choose, "Extract all…"
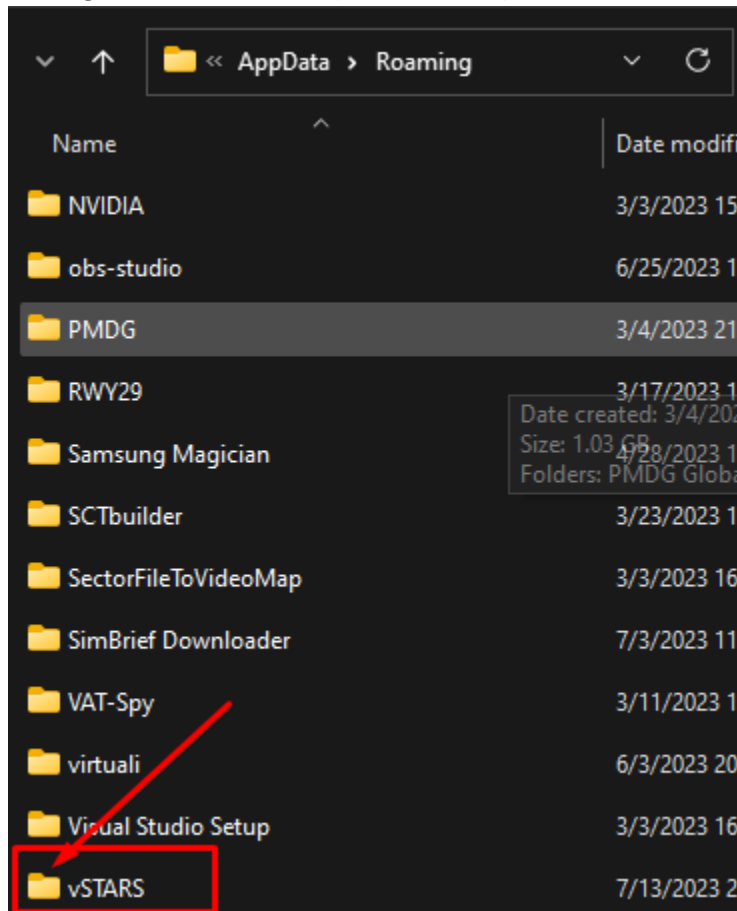

6. Check the "Show folder" button; there is no need to change where the folder is extracted to.

7. Open the folder with the extracted files (if it did not open automatically).
8. You will now FIND AND OPEN your %appdata% folder where vSTARS (or vERAM) is installed.
   a. From your Search icon/text field in the task bar enter, "%appdata%"

b. By default, this will open your Roaming appdata folder where most Windows applications are housed (including vSTARS and vERAM). If you installed your vSTARS or vERAM in a different location, you'll have to find it yourself. (The properties selection of the desktop icon usually provides this location.)

c. Scroll down until you find "vSTARS" (or "vERAM") and open that folder by double clicking on the folder ICON (not the name).

9. **With BOTH folders open** (the extracted files folder and the vSTARS or vERAM program folder):

a. You can "drag" the files into the vSTARS folder, OR

b. Hold the CTRL button down and click once on each file in the extracted files folder.

c. Hold the CTRL button down and press the 'C' key.

d. Click inside the AppData folder

e. Hold the CTRL button down and press the 'V' key.

10. If asked by Windows, select the "Replace files" option.

11. If you also use vERAM, repeat steps 8 through 10 using the vERAM appData folder.

12. CLEANUP

a. Close the AppData folder and the extracted files folder.

b. From the Downloads folder, delete both the zip file and the extracted files folder.

ERRATA: THE "CYCLE_INFO.TXT" FILE FROM NAVIGRAPH IS "BUGGED" IN THAT IT MAY NOT SHOW THE CORRECT AIRAC NUMBER AND DATES. THIS FILE IS NOT USED FOR DATA AND CAN BE IGNORED; IT WAS INTENDED TO BE A USER REFERENCE.

For questions, please contact your facilities engineering staff at FE@zjxartcc.org or AFE@zjxartcc.org, or use our Discord site to place a Help ticket.