

RV-12 Dynon D-180/D-100 Upload:

WARNING:

This update removes the “locked” down control on all but two items within the D-180/D-100. It will be the responsibility of each aircraft owner and operator to setup their D-180/D-100 using units and parameters that agree with any and all information released by Van’s Aircraft; in particular but not limited to the pilot operating handbook. Van’s Aircraft will not be responsible for damages caused by deviations made from the initial settings provided.

NOTE:

This update will reset many settings inside the D180/D100. Open every possible display configuration and menu under the SETUP menus for your product. *Take pictures or fully record each page or setting.* For the FlightDEK-D180, note that there are two separate SETUP menus - one for the EFIS side of the product, and another for the EMS side of the product. Under each of those SETUP menus are a variety of sub-menus that configure your PFD, EMS and Autopilot (if installed). All of these settings should be captured.

Step 1: Download the locked settings file appropriate to your unit(s) below from the Van’s Aircraft download webpage to your computer:

<http://www.vansaircraft.com/public/downloads.htm>

Step 2: Unzip its contents to a location you can find easily on your computer. If you don’t have the program to unzip the file, you can download it from here for free:

<http://netsquirrel.com/articles/zip.html>

Step 3: Go to Dynonavionics.com and download the latest version of the Dynon Support Program:

Dynon Support Program Instructions and Download: (Read Entire Page before proceeding)

http://www.dynonavionics.com/docs/support_software.html

Step 4: Install the Dynon Support Program to your computer.

Step 5: Set the trim to the takeoff position. If the update deletes your trim setup you will know where the takeoff position was.

After fully documenting all settings make a full firmware and settings backup of your D-180 using the Dynon support program.

Find the backup file on your computer and check the file size. A full backup of firmware and settings will be just over 1 MB in size 1,000+ kB. If the file size is significantly smaller than that

you have only made a backup of your settings; if so go back to the support program and make a backup of settings and firmware.

Step 6: Following the instructions on the Dynon site and within the Support Program's built-in help system update your unit to the latest firmware, if necessary, by selecting the "Upgrade to Firmware ver. X" option and then press the "Go" button.

During this procedure, you will be prompted for the locked file which you downloaded from Van's in Step 1. Point the Support Program to it to allow it to continue. This update process normally takes 10 or so minutes. Make sure that your laptop/computer is connected to 120vac power to prevent your battery from expiring. If that occurs, your unit may need to be shipped back to Dynon due to file corruption!

Step 7: After installation check every page and every parameter against your documented settings and the file "12 D180 PRESETS.pdf" available from the downloads page on the Van's Aircraft web site. When checking pay particular attention but not limited to verification that the fuel level, magnetic, trim, DSAB network, altitude adjust, autopilot, OAT, fuel flow, pitch setting and engine sensors are still calibrated and configured correctly.

Step 8: Use the Dynon support program to again make another firmware and settings backup.