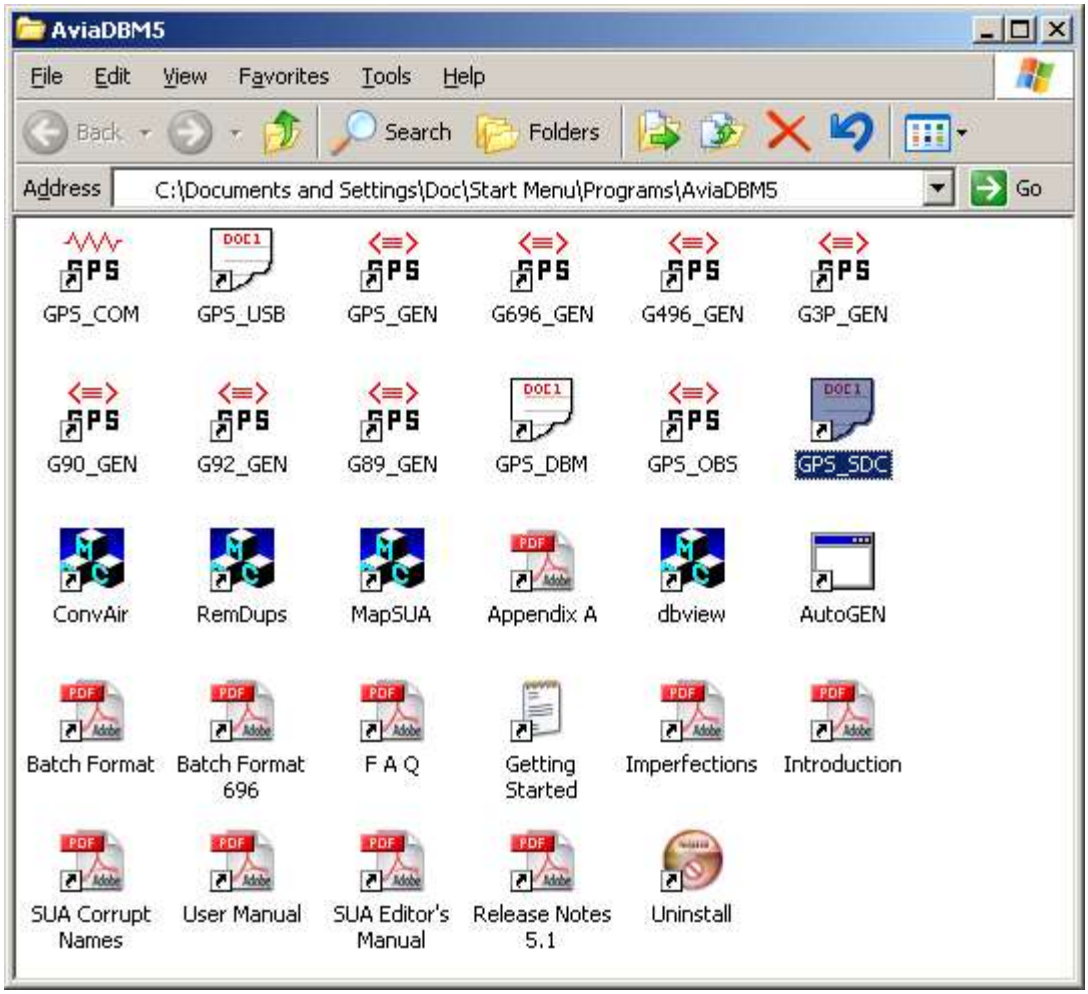
Getting Started with AviaDBM

After installing AviaDBM you will find a folder named AviaDBM5 in your Start Menu Programs list which will open to show the programs of the package:

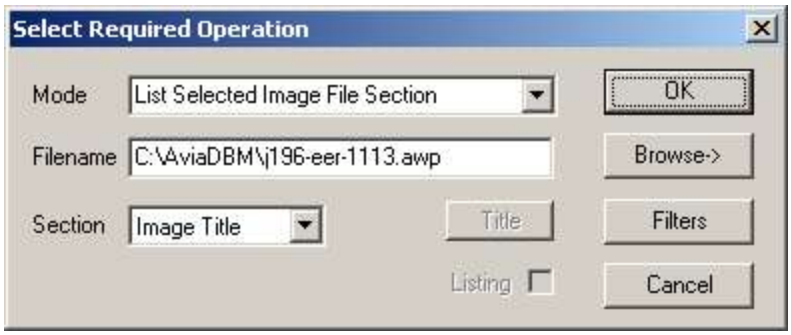


The next task is to identify and download a database update file, for instance the update for a 296 atlantic region cycle 1113 would be j296-atl-1113.awp, while for a worldwide 696 is would be j696-ww-1113.taw. There is more help on the website in the “Filenames” notes: http://www.abnormal.com/~avia_dbm/_docs/filenames.pdf

If your unit is obsolete, eg: 95, 92, 3 Pilot, etc, your best choice is a 196 update which is currently available for regions eer, mea, pac, and amrs. If you need amrn you will have to start with a 296 file.

Now place: https://avdb.garmin.com/j196-eer-1113.awp (say) in your browser and choose to save the file in C:\AviaDBM. (the following examples used cycle 1113)

Now choose the GEN program for this file, in this case GPS_GEN, and complete the Setup dialog box by adding the filename. Don't worry if you choose the wrong GEN program because it will tell you which version you should be using.



On clicking the OK button, the file information will be displayed, and a new file added to the C:\AviaDBM folder:

This .img type file is the focus of all AviaDBM GEN programs, being the raw data which is sent to your GPS unit by any of the upload methods. If you do not wish to make any modifications you can send this file to your unit using GPS_COM or, if it has a USB socket, GPS_USB, in mode Write Aviation.

Alternatively, you can use GPS_GEN Mode “Create ISAM” to completely dis-assemble the file into an ISAM database on your PC, make modifications to the ISAM data using GPS_DBM (the database manager), and then make a new image file using GPS_GEN Mode “Create Image”.

If your unit is not the same model as the update, then you must create the new image using the GEN program written for your unit, eg: G90_GEN, G92_GEN, G3P_GEN, etc., and most likely some limiting co-ordinates to reduce the size of the result.

Please also read the User Manual, at least as far as para 3.5.

If you are uploading any of the other database types (other than avdb), use GPS_USB in mode Write TAWS/VRP specifying its .taw file.