

SENDING DOWNLOADED JPI DATA TO GAMI

JPI engine monitors store flight data as a compressed file inside the head unit. Downloading that data is currently achieved by one of three methods. The first, and oldest, method is to hook a laptop to the JPI data port using the supplied cable and follow the steps in the EzSave, EzPlot, or EzTrends software. The other two methods involve using a USB memory stick, either with a “download box” purchased from JPI, or with a USB port directly mounted on the panel.

The compressed file:

The compressed file contains either all flights in the JPI memory or all flights since the last download, depending on whether you chose “ALL” or “NEW” at the “DUMP” prompt at the time of downloading.

The file will have the .jpi file extension. Most installations of Microsoft Windows no longer show the file extensions by default. The file name will typically be 6 to 8 characters long and may start with either the letter R, U. The remainder of the characters will be numbers which represent a date code. The first two digits will be the two digit year, the next two will be the two digit month, and the last two digits will be the two digit day. This date will be the date when the download was performed, not necessarily the date of any flight. If more than one download was performed on a given day, the last digit will be a letter, starting with “a” and ascending alphabetically for each subsequent download that day.

As an example, for a download performed 4 August 2009, the file will look like one of the following:

- 090804.jpi
- 090804a.jpi
- R090804.jpi
- U090804.jpi

Locating the file:

The location of the file will depend on the download method. With either USB stick method, the file will be in the root directory of the stick. When you plug that stick into the computer, it should pop up as a new drive letter. Open that new drive letter, and the compressed file should be right there.

If the download was performed with a laptop, then the file will be stored on the hard drive. The default location will be in the “C:\” drive under a folder titled “EzSave”, “EzPlot”, or “EzTrends” depending on which software was used to perform the download. Then, under a folder titled “data” and under a that in a folder titled either your aircraft tail number or the JPI serial number, depending on whether your tail number was ever entered into the JPI or not.

Examples:

- C:\EZTrends\data\N123AB
- C:\EZPlot\data\SN12345

Sending the file:

Do this just as you would any picture or other file. Open your email client and compose a new mail message to flightdata@gami.com, then attach this compressed file. Include a short note, and click send.