



RWR Pilot Training

Malibu - Mirage - Meridian

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Updating Your Chart Data

Note: For Avidyne chart data subscribers, the number of updates remaining does not change because you have the ability to subset your charts. This allows you to subset your terminal charts multiple times instead of waiting for the next update.

Jeppesen Service Update Manager (JSUM) has the capabilities to allow you to download, save your chart data locally, and update the Zip disk / Flash Drive in one step or download the chart data to your workstation and update the media at a later time. Downloading to the hard drive allows you to take a laptop or tablet PC to the plane and finish the update process. If you are a NavData and chart data subscriber, you will need to update your chart data in the Avidyne system independently from the NavData. It does not matter in what order they are loaded.

- There are a couple different options for obtaining the current electronic terminal charts, view Terminal Chart Downloading Options for more information.
- If your Zip disk or Flash Drive does not have enough memory capacity to load your complete coverage, view Terminal Chart Subsetting.

Obtaining a CMax Key Code

If you have not done so already, register at www.myavidyne.com before starting the following procedure. To do so, you need your Avidyne MFD hardware 8-digit serial number found on the EX500 or EX5000 Setup or Aux screen. Once you have registered, you can obtain a CMax Key Code. An Avidyne Key Code is a unique number that ties a particular Jeppesen chart data subscription to a particular Avidyne FlightMax MFD. Before you can update your terminal charts on a Zip disk or USB Flash Drive *for the first time*, you need to obtain an Avidyne CMax key code. An Avidyne key code is needed for every subscription you own.

[Click here](#) if you need to enter, edit or change an Avidyne CMax Key Code.

Downloading and Programming your Media

You must be connected to the Internet and logged into JSUM before starting the download process for NavData and chart data.

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Phone 410-435-3333 - Toll Free 866-870-8196 - Fax 410-435-7311

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1. Ensure your USB Zip drive (with a Zip disk) or flash drive is connected to the workstation. See Adapters and Media for more information. If you are downloading to the workstations hard drive, the USB Zip drive (with a Zip disk) or flash drive are not needed.
2. Select your chart data service from the service list and click **Start**.
3. JSUM verifies the presence of your Zip drive or flash drive.
 - Select **Download, Update Hard Drive, and Program Terminal Charts** to download your complete terminal chart subscription to your hard drive either in the JeppView terminal chart folder if JeppView is installed or a temporary cache folder if JeppView is not installed. The option also programs your terminal charts to your Zip disk or Flash Drive. Click **Browse** to search manually for the Zip drive or flash drive. If you are unable to find it, verify the connection and review the troubleshooting information in USB Zip Drive Information or USB Flash Drive Information.
 - Select **Download and Save Terminal Charts to Hard Drive Only** if you wish to save the data locally to the workstation either in the JeppView terminal chart folder if JeppView is installed or a temporary cache folder if JeppView is not installed. The Zip drive or flash drive does not need to be connected at this time.
4. Click **Continue** and proceed with one of the following links that pertain to where you downloaded the data:
 - Downloading Data Locally to a Workstation

The selected data downloads locally to the workstation's hard drive. As the data saves, the status bar in the Download Progress column displays the percentage complete. When it reaches 100 percent, the download is complete.

Once the data has been successfully downloaded to the workstation, you can disconnect from the Internet and close JSUM until it is time to update the datacard.

- Loading Data to the Datacard

Warning: Do not remove the datacard until the programming cycle is complete! Otherwise your card may be incomplete or have corrupt data.

The datacard programming cycle automatically performs a sequence of events to download the information and write it to the datacard. JSUM downloads the data from the server (if the information does not reside on your hard drive), erases the old data, and writes to the datacard. As the

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programming steps are successfully completed, the status bar in the Download and Program Progress columns display either the percentage complete or the operation in process (**Erasing** and **Programming**).

When the programming cycle is complete, JSUM displays 100 percent in the Program Progress column.

For Avidyne chart data subscribers only, the number of updates remaining do not change because you have the ability to subset your charts.

If an error occurs, a status message appears notifying of the error, and the programming operation will stop. For a list of programming errors, see Programming Error Messages.

Once the LED light on the Zip drive or flash drive signifies writing is complete:

- Manually verify the data successfully transferred by right-clicking the service and selecting **Verify**. JSUM does not perform this step for chart data when it has completed the programming process.

Safely remove the adapter and then the datacard

Important: Before flying, verify the data version number is correct in your Avidyne system.

For additional options of downloading terminal chart data using JeppView, see Terminal Chart Downloading Options.

Clicking Cancel

When you click **Cancel** during the download phase when it is retrieving the data from the Jeppesen server, a Resume Download Message dialog box appears. One of the following actions is required:

- Click **Do not reschedule** if you do not want JSUM to automatically download the data at a later date.
- Click **Reschedule for later** if you want JSUM to automatically download the data at the specified time.

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