

NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division
Washington, D.C. 20594

May 6, 2022

Cockpit Display - Recorded Flight Data

Specialist's Factual Report
By Charles Cates

1. EVENT SUMMARY

Location: Bermuda Dunes, CA
Date: December 11, 2021
Aircraft: Vans RV-3
Registration: N9YY
Operator: Private
NTSB Number: WPR22LA061

2. GROUP

A group was not convened.

3. DETAILS OF INVESTIGATION

The National Transportation Safety Board (NTSB) Vehicle Recorder Division received the following device:

Device Manufacturer/Model:	iFly GPS 740b
Serial Number:	ZZ20080060

3.1. Device Description

The iFly GPS 740b is a portable uncertified 7" wide screen display aviation GPS. It is loaded with FAA Sectional Charts, Low Altitude Enroute Charts, Approach/Departure Plates, and Airport Diagrams.

Data can be recorded on a SD card installed in the device. According to the manufacturer, without an installed SD card no data is recorded by the internal memory of the device.

3.2. Device Condition

Upon arrival at the Vehicle Recorder Laboratory, an examination revealed the unit had sustained impact damage and the display was broken, as shown in figure 1.



Figure 1. Photo of damaged unit, as received.

3.3. Data Description

This device does not store data to its internal non-volatile memory (NVM)¹. No SD card was found in the device for storage of past flights. Therefore, no data pertinent to the event were recovered.

¹ Non-volatile memory is semiconductor memory that does not require external power for data retention.