

From: Jonny Xue
To: Robert Goss
Cc: Sam Zagar
Subject: ERAD4392(Lagrange, GA) Avidyne IFD540 Email Report
Date: Tuesday, November 5, 2024 4:15:30 PM
Attachments: ERAD4392_2.jpg
ERAD4392_3.jpg
ERAD4392_4.jpg
ERAD4392_1.jpg

Email report instructions:

The narrative and attachments from this email report may be used in other reports at the discretion of the IIC. This email, including attachments (if applicable), should also be placed in the public docket by the IIC.

Email report contents:

The Vehicle Recorder Division received a Avidyne IFD540 (s/n M170203039), which had no exterior damage (see attached photos). The Avidyne IFD 540 is a GPS NAV/COM radio whose primary function is to conduct nav-com-transponder tuning and communication and serve as the principal navigation sensor/system for all IFR VHF and GPS-based navigation and instrument flying, provided it is connected to an external navigation source selection annunciator and a CDI/HSI indicator that is installed in the required field of view.

A request was made for a readout of the engine data on the Avidyne IFD540. The engine logs were empty. GPS data from the Avidyne IFD540 were present but would have been redundant with the ADS-B data that was also recovered. Therefore, no data or graphs were prepared for this device.

Prepared by:

Jonny Xue, Recorder Specialist, NTSB RE-40