

**Subject:**

CEN20LA270 (Cessna 188, C-GWWE, Pembina, ND, 9 July 2020) GPS Devices Email Report

Date:

Tuesday, June 8, 2021 1:05:51 PM

Attachments:[SATLOC1.JPG](#)[SATLOC2.JPG](#)[Garmin1.jpg](#)[Garmin2.jpg](#)[GarminSD.jpg](#)[GarminSD2.jpg](#)[CEN20LA270_SUNY Binghamton Analysis.pdf](#)

Mike,

Please see the following email report.

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

The Vehicle Recorder Division received the following two electronic devices:

- Garmin Nuvi 255 automotive GPS (s/n 1BV666013)
- SATLOC SLX-g3 GPS receiver (s/n 0423-16396-0006)

The Garmin GPS device arrived exhibiting signs of impact damage (Garmin1.jpg, Garmin2.jpg). The device contained a removable microSD card (GarminSD.jpg, GarminSD2.jpg) which contained no data. The device was not able to be powered on. An internal memory chip was recovered and examined; however, further analysis performed by the State University of New York at Binghamton determined that the extent of the impact damage precluded data recovery efforts. Their final report is attached.

The SATLOC GPS receiver appeared undamaged (SATLOC1.jpg, SATLOC2.jpg). Per consultation with the manufacturer, the device does not contain non-volatile memory (NVM), therefore no data were recovered from this device.

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