

From: [Payne Sean](#)
To: [Williams Shaun](#)
Cc: [Babcock Christopher](#)
Subject: CEN22FA069 - (Steamboat Springs, CO) - Meggitt Magic Displays - Email Report
Date: Thursday, July 14, 2022 11:28:00 AM
Attachments: [Meggitt Displays CEN22FA069.jpg](#)
[MeggittUnit05Exceed.jpg](#)
[MeggittUnit007Exceed.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

The Vehicle Recorder Division received the following flight instruments: **Meggitt Magic Engine Display Unit – SN 00 30-005 & Meggitt Magic Engine Display Unit – SN 0100-007**

Meggitt Magic Engine Display Unit – SN 30-005

The unit was received on December 20, 2021. The unit is pictured in **Meggitt Displays CEN22FA069.JPG (right)**. The unit had not appeared to obtain any significant damage in the accident. The manufacturer was contacted in regards to the unit's data retention capabilities. The manufacturer stated that it may be possible that the display unit could retain exceedance data. The manufacturer supplied some documentation and wiring diagram. Using the wiring diagram, the unit was powered in the lab. The unit booted successfully. The electronic page displaying exceedances was displayed. No information on this page was displayed. This electronic page is shown in photo **MeggittUnit005exceed.jpg**.

Meggitt Magic Display Unit – SN 0100-007

The unit was received on December 20, 2021. The unit is pictured in **Meggitt Displays CEN22FA069.JPG (left)**. The unit had not appeared to obtain any significant damage in the accident. The manufacturer was contacted in regards to the unit's data retention capabilities. The manufacturer stated that it may be possible that the display unit could retain exceedance data. The manufacturer supplied some documentation and wiring diagram. Using the wiring diagram, the unit was powered in the lab. The unit booted successfully. The electronic page displaying exceedances was displayed. No information on this page was displayed. This electronic page is shown in photo **MeggittUnit007exceed.jpg**.

No flight data was recovered from either device.

Prepared by: Sean Payne, Recorder Specialist, NTSB RE-40

Sean Payne
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NTSB Vehicle Recorder Division