



Shaun Williams
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Office of Aviation Safety - Central Region

Date: 12/27/2022

Subject: CEN23FA057 Vacuum Instrument Examination

On December 27, 2022, the attitude indicator and turn coordinator from the accident airplane, N8149Z, were disassembled for examination. Both instruments were impact damaged and the cases had to be cut to extract the gyros. Upon close internal examination, there were no circumferential scars present or other signatures consistent with a failure of the instrument or other malfunction that would have precluded normal operation.

The directional gyro was severely damaged during the impact sequence which prevented a meaningful disassembly.

END