



MEMORANDUM FOR RECORD

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Eastern Region

Date: 10/1/2025
Subject: Metallurgy statement
NTSB Case Number: ERA25FA185

The following statement is an excerpt from the Materials engineer at the NTSB.

The aluminum plug from the elevator system had numerous marks around the top outer diameter edge. The mating washer had one bent section along the outer diameter and heavy wear marks on the inner diameter. Both the washer and the screw had thickness profiles that matched the marks in the outer diameter edge on the aluminum plug. However, the extra damage on the washer compared to the screw, along with the geometry of the components during assembly, indicated the marks on the aluminum plug likely resulted from repeated contact with the washer.

Daniel Boggs