



**FAA**  
**Aviation Safety**

## **SPECIAL AIRWORTHINESS INFORMATION BULLETIN**

**SAIB:** 2023-14

**Date:** November 14, 2023

**SUBJ:** Landing Gear Retract/Extend System

*This is information only. Recommendations aren't mandatory.*

### **Introduction**

This Special Airworthiness Information Bulletin is to alert owners, operators, and maintenance personnel of a potential fractured clevis mounting boss on the main landing gear strut on **Twin Commander Aircraft LLC Model 500A, 500B, 500S, 500U, 560-F, 680F, 680F(P), 680FL, 680FL(P), 680T, 680V, 680W, 681, 685, 690, 690A, 690B, 690C, 690D, 695, 695A, and 695B airplanes.**

At this time, the airworthiness concern is not an unsafe condition that would warrant airworthiness directive (AD) action under Title 14 of the Code of Federal Regulations (14 CFR) part 39.

### **Background**

On March 2, 2022, a Twin Commander 500S was involved in an incident in which the right main landing gear failed to fully extend and lock in the down position prior to landing. It was observed that the right main landing gear separated from the actuating cylinder due to a fractured clevis mounting boss on the main landing gear strut. It was determined that the fractured clevis mounting boss prevented the right main landing gear from lowering to the down and locked position.

### **Recommendations**

The FAA recommends owners, operators, and maintenance personnel of the affected aircraft inspect each main landing gear assembly and report inspection results to the manufacturer, in accordance with Twin Commander Service Letter 376, Inspection of Main Landing Gear Clevis and Drag Brace Installations, dated April 25, 2000.

### **Paperwork Reduction Act Burden Statement**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0731. Public reporting for this collection of information is estimated to be approximately 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are voluntary; the nature and extent of confidentiality to be provided, if any. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.

**For Further Information Contact**

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**For Related Service Information Contact**

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