
AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.1 (1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

Beechcraft 1900 Series Aeroplanes**AD/BEECH 1900/41****Elevator Trim System****13/2003
DM**

Applicability: All Models 1900, 1900C, and 1900D aircraft.

- Requirement:**
1. Mark with a pen, the applicable figure in the maintenance manual as referenced below. The depiction in the referenced figures is incorrect for the elevator trim drum only, and depicts the cable drum at 180 degrees from the installed position and shows the open, keyed side of the drum instead of the flat side of the drum. Insert corrected figure (Figure 1 of this Directive) into the applicable maintenance manual, and identify it accordingly, as specified in Raytheon Safety Communique No. 234, dated September 2003:
 - a. Figure 9 of Chapter 27-10-00 of the Model 1900/1900C Airliner Maintenance Manual (114-590021-7B). Clearly note in pen that existing portion of Figure 9 is correct for the aileron trim drum only and insert corrected figure (Figure 1 of this Directive) marked in pen as correct for the elevator trim drum only; or,
 - b. Mark out Figure 201 of Chapter 27-30-04 of the Model 1900D Airliner Maintenance Manual 125-590000-15). Insert corrected figure (Figure 1 of this Directive).
 2. Incorporate the applicable temporary revision into the maintenance manuals as specified in Safety Communique No. 234, as follows:
 - a. Temporary Revision No. 27-5 to the Model 1900/1900C Airliner Maintenance Manual: Revised ELEVATOR TRIM OPERATIONAL CHECK; or,
 - b. Temporary Revision No. 27-9 to the Model 1900D Airliner Maintenance Manual: Added MANUAL ELEVATOR TRIM OPERATIONAL CHECK.
 3. Accomplish the elevator trim operational check that is specified in the applicable maintenance manual and temporary revisions to the maintenance manual, as referenced in Requirement 2 and specified in Safety Communique No. 234.

Beechcraft 1900 Series Aeroplanes

AD/BEECH 1900/41 (continued)

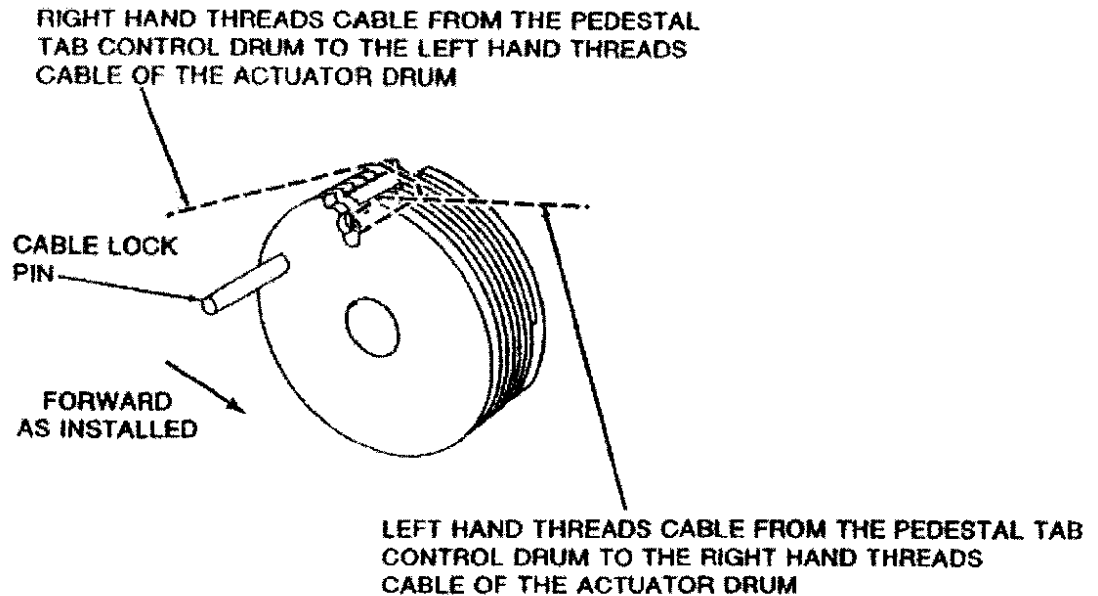


Figure 1

Note: FAA AD 2003-20-10 Amdt 39-13328 refers.

- Compliance:
1. Before the next time maintenance is to be performed on the elevator trim system.
 2. Before the next time maintenance is to be performed on the elevator trim system.
 3. Before further flight following maintenance on the elevator trim system.

This Airworthiness Directive becomes effective on 12 November 2003.

Background: The FAA issued AD 2003-20-10 as a result of an analysis of the maintenance procedures of the elevator trim system. The actions required by this Directive are to detect and correct any maintenance-induced problems with the elevator trim system installation before problems occur during operation. Such a condition could lead to difficulties in controlling the aircraft or a total loss of pitch control.

David Villiers
Delegate of the Civil Aviation Safety Authority

6 November 2003