
AIRWORTHINESS DIRECTIVE

On the commencement date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below repeals Airworthiness Directive (AD) AD/BEECH 55/79 Amdt 3 and issues the following AD under subregulation 39.001 (1) of CASR and subsection 33 (3) of the *Acts Interpretation Act 1901*. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct an 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.

Textron Aviation (Beechcraft) 55, 58 and 95-55 (Baron) Series Aeroplanes

**AD/BEECH 55/79
Amdt 4**

Wing Bolt, Nut and Fitting

10/2022

Applicability: All models of Textron Aviation (Beechcraft) 55, 58 and 95-55 series aircraft.

Requirement:

1. Remove and inspect the wing bolts, washers, nuts and fittings in accordance with Beechcraft Baron Shop Manual 55-590000-13 Revision E17, Section 3, for model 55 and 58 series; or Baron Maintenance Manual 102- 590000-5 Revision A23, Section 57-00-00, for model 58P and TC series, both as in force on the date of commencement of this AD.
2. Retire wing bolts, washers and nuts from service and replace with new hardware in accordance with Beechcraft Baron Shop Manual 55-590000-13 Revision E17 Section 3 or Baron Maintenance Manual 102-590000-5 Revision A23 Section 57-00-00 as applicable, both as in force on the date of commencement of this AD. Render unserviceable all hardware retired.

Note 1: The bolt torque should be checked before removal for inspection or replacement to confirm the bolt has been torqued to correct value. If the torque value is incorrect, other maintenance action may be required.

Compliance:

1. a. Unless inspection has already been accomplished in accordance with either of the requirement documents within 60 months from the initial installation of the wing bolts, inspect within 100 hours time in service (TIS) or two months from the commencement date of this AD, whichever occurs first.
b. Re-inspect at intervals not to exceed 60 months from the previous inspection.
2. Before 15 years (180 months) TIS after initial installation of the wing bolts.

This AD commences on 10 May 2022.

Background: The initial issue of this Airworthiness Directive became effective on 1 February 1996 and made mandatory the inspection and replacement periods for the wing attachment hardware as detailed in the requirement document.

Amendment 1 of this AD updated the revision status of the Beech 55 Shop Manual.

Amendment 2 of this AD added the Note to Requirement 2 and added the fittings as an item to be inspected when the wing bolts, washers and nuts are removed and inspected.

Textron Aviation (Beechcraft) 55, 58 and 95-55 (Baron) Series Aeroplanes

AD/BEECH 55/79 Amdt 3 (continued)

Amendment 3 removed the alternative means of compliance that had been issued to allow in-situ inspection of the wing attachment bolts and nuts rather than conduct the manufacturer's required MPI.

Amendment 4 is issued to provide relief to compliance with Requirement 1 whilst the proposed airworthiness directive process occurs for a technical change to the airworthiness directive.



David Punshon
Delegate of the Civil Aviation Safety Authority

6 May 2022