



Civil Aviation Authority

PROPOSED AIRWORTHINESS DIRECTIVE



Number: 2012

Issue date: 14 August 2025

In accordance with the CAA Continued Airworthiness Procedures, the issuance of an Airworthiness Directive (AD) is proposed which will be applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

Design Approval Holder's Name:

ACRO AIRCRAFT SEATING LIMITED

Type/Model/Designation(s):

Series 9 Passenger Seats

Effective Date:	[TBD - standard: 14 days after AD issue date]
UKTSO Authorisations:	UK.TSOA.00047
Foreign AD (if applicable):	Not Applicable
Supersedure:	None

ATA:25 - Equipment / Furnishings –Passenger Seats – Modification

Manufacturer(s):

Acro Aircraft Seating Limited.

Applicability:

Acro Series 9 Passenger Seats with the part number listed in Appendix 1 to this AD.

Definitions:

For the purpose of this AD, the following definitions apply:

Acro - Acro Aircraft Seating Limited.

ASB: Acro Alert Service Bulletin (ASB) ACR-1869-ASB Issue 1 dated 05 August 2025.

Affected seat: Acro Series 9 seats identified at Appendix 1 to this AD.

Reason:

Occurrences of Seatback Pivot Bolts Part Number (P/N) P1313 becoming loose on affected seats have been reported. This situation, if not corrected, could lead to seat back bolts migrating from their position possibly resulting in injuries to the seat occupant.

To address this issue, Acro have issued the ASB, providing instructions for replacement of the seat back bolt washer and a higher retorquing of the bolt.

This AD requires all affected seats back bolts to be torque checked (pre mod 5Nm) with repeat inspections carried out until the Terminating modification in the ASB is carried out.

Required Action(s) and Compliance Time(s):

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Inspection:

- (1) Within 6 months of the effective date of this AD, carry out a check of the seat back bolts, of all affected seats, for correct torque (pre mod 5Nm) in accordance with the applicable CMM. Ensure the Bolt position paint mark is clear and lined up for future inspections (see Figure 10 of the ASB).
- (2) Repeat inspections of the seat back bolts, ensuring the Bolt and Seatback paint mark are still aligned, every 1000 Flight Hours. Note: The Washer is free to rotate and paint mark alignment check of the Washer is not required.

Modification:

- (3) Within 24 months of the effective date of this AD modify all affected seats, detailed in Appendix 1, in accordance with the ASB.
- (4) Accomplishment of the ASB is considered terminating action to the above repeat inspections (1 and 2 above).

Reference Publications:

Acro Alert Service Bulletin ACR-1869-ASB Issue 1 dated 05 August 2025.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD (PAD) will be closed for consultation on 12 September 2025.
2. Enquiries regarding this PAD should be referred to: Continued.Airworthiness@caa.co.uk.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the CAA aviation safety reporting system. This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.

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4. For any questions concerning the technical content of the requirements in this PAD, please contact:

Acro Aircraft Seating Limited, Eldon Way, Crick Industrial Estate, Crick, Northamptonshire, NN6 7SL, UK.

Email: productsupport@acro.aero

Appendix 1 to Affected Seat Part Numbers

This Appendix list all the affected Acro Series 9 Seat Part Numbers and Serial Numbers grouped by Component Maintenance Manual (CMM) number:

Table 1 - Applicable Seats - CMM 25-21-19

Seat Part Numbers	
2610-9A06-3-001	2610-9A05-3-011
2610-9A06-3-002	2610-9A05-3-012
2610-9A05-3-003	2610-9A07-3-013
2610-9A05-3-004	2610-9A07-3-014
2610-9A05-3-005	2610-9A05-3-015
2610-9A05-3-006	2610-9A05-3-016
2610-9A06-3-007	2610-9A08-2-023
2610-9A06-3-008	2610-9A08-2-024
2610-9A06-3-009	2610-9A09-3-025
2610-9A06-3-010	2610-9A09-3-026

Applicable Serial Numbers A000001-A119422

Table 2 - Applicable Seats - CMM 25-21-28

Seat Part Numbers	
2910-9B01-3-001	2910-9A01-3-007
2910-9B01-3-002	2910-9A01-3-008
2910-9B00-3-003	2910-9B07-3-013
2910-9B00-3-004	2910-9B07-3-014
2910-9A01-3-005	2910-9A07-3-015
2910-9A01-3-006	2910-9A07-3-016

Applicable Serial Numbers A114213-A118766

Table 3 - Applicable Seats - CMM 25-21-29

Seat Part Numbers	
3110-9A02-3-001	3110-9A01-3-008
3110-9A06-3-002	3110-9A01-3-009
3110-9A00-3-003	3110-9A01-3-010
3110-9A00-3-004	3110-9A02-3-013
3110-9A00-3-005	3110-9A02-3-014
3110-9A00-3-006	3110-9A02-3-015
3110-9A01-3-007	3110-9A02-3-016

Applicable Serial Numbers A113676-A118061

Table 4 - Applicable Seats - CMM 25-21-36 & CMM 25-21-37

Seat Part Numbers	
3310-9A02-3-001	3310-9A01-3-009
3310-9A02-3-002	3310-9A01-3-010
3310-9A00-3-003	3310-9A02-3-013
3310-9A00-3-004	3310-9A02-3-014
3310-9A00-3-005	3310-9A02-3-015
3310-9A00-3-006	3310-9A02-3-016
3310-9A01-3-007	3310-9A02-3-017
3310-9A01-3-008	3310-9A02-3-018

Applicable Serial Numbers A117507-A119061