

Airworthiness Directive Schedule

Aeroplanes

Percival Proctor Mk 1

26 July 2007

- Notes**
1. This AD schedule is applicable to Percival Proctor Mark 1 aircraft.
 2. The date above indicates the amendment date of this schedule.
 3. New or amended ADs are shown with an asterisk *

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*** DCA/PROCTMK1/1 Wing Rib Attachment to Aileron Spar – Inspection and Modification**

Applicability: All Proctor Mark 1 aircraft.

Requirement: To prevent failure of the wing rib to aileron spar joints, inspect the outer wing rib to aileron false spar attachment points.

If any defects are found such as glue or joint failure, strengthen the rib to spar attachment per Percival Modification No. 130 or Air Navigation Order 105.1.26.0.2.1.
(UK AD 1471 PRE 80 refers)

Note: This modification need only be embodied if the attachment of the ribs to the false spar are defective.

Compliance: Within the next 100 hours TIS, unless already accomplished and thereafter at intervals not to exceed 12 months or 100 hours TIS, whichever occurs sooner.

Effective Date: 26 July 2007

*** DCA/PROCTMK1/2 Air Scoop Baffle - Modification**

Applicability: All Proctor Mark 1 aircraft.

Requirement: To prevent failure of the air scoop baffle, strengthen the baffle attachment by embodying Percival Modification No. 199 or an equivalent approved modification.

(UK AD 1472 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness.

Effective Date: 26 July 2007

*** DCA/PROCTMK1/3 Rear Fuselage Drain Holes - Modification**

Applicability: All Proctor Mark 1 aircraft.

Requirement: Embody rear fuselage drain hole modification per Percival Modification No. 210 or Air Navigation Order 105.1.26.0.2.2.

(UK AD 1473 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness.

Effective Date: 26 July 2007

*** DCA/PROCTMK1/4 Control Column Gaiter - Modification**

Applicability: All Proctor Mark 1 aircraft.

Requirement: Embody wire reinforced control column gaiter modification per Percival Modification No. 215 or an equivalent approved modification.

(UK AD 1474 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness.

Effective Date: 26 July 2007

*** DCA/PROCTMK1/5 Manifold Drain - Modification**

- Applicability:** All Proctor Mark 1 aircraft.
- Requirement:** Embody an additional manifold drain per Percival Modification No. 218.
- Note:** Percival Modification No. G1152 shall be embodied at the same time.
(UK AD 1475 PRE 80 refers)
- Compliance:** Before issue of New Zealand Certificate of Airworthiness.
- Effective Date:** 26 July 2007

*** DCA/PROCTMK1/6 Fuel Tank Gauze Filter - Modification**

- Applicability:** All Proctor Mark 1 aircraft fitted with GSM prefixed S/N fuel tanks.
- Requirement:** Install a gauze filter to the aircraft fuel tanks per Percival Modification No. 687.
(UK AD 1480 PRE 80 refers)
- Compliance:** Before issue of New Zealand Certificate of Airworthiness.
- Effective Date:** 26 July 2007

*** DCA/PROCTMK1/7 Battery Master Switch - Modification**

- Applicability:** All Proctor Mark 1 aircraft.
- Requirement:** Install a battery master switch per Percival Modification No. C1171 or A.N.O
105.1.0.1.4.5.
(UK AD 1484 PRE 80 refers)
- Compliance:** Before issue of New Zealand Certificate of Airworthiness.
- Effective Date:** 26 July 2007

*** DCA/PROCTMK1/8 Wing Lower Attachment – Inspection and Modification**

- Applicability:** All Proctor Mark 1 aircraft.
- Requirement:** Embody Percival Modification No. C1204 if the lower attachment pin can be withdrawn from the front spar rear attachment plates while in the locked position.
(UK AD 1486 PRE 80 refers)
- Note:** This modification need only be embodied if, owing to wear in the locking mechanism, the lower main attachment pin can be withdrawn from the front spar rear attachment plates while in the locked position.
- Compliance:** Within the next 100 hours TIS, unless already accomplished and thereafter at intervals not to exceed 12 months or 100 hours TIS, whichever occurs sooner.
- Effective Date:** 26 July 2007

*** DCA/PROCTMK1/9 Wing Upper Attachment – Inspection and Modification**

Applicability: All Proctor Mark 1 aircraft.

Requirement: Inspect the gap between the centre section nose and the outer plane to ensure that it is not large enough to allow the top pin to rotate and partially withdrawn.

If the gap is found to be too large, modify the flange of the joint pin safety bracket per Percival Modification No. C1205 or ANO 105.1.26.2.6.2.

(UK AD 1487 PRE 80 refers)

Note: This modification need only be embodied if, owing to manufacturing discrepancies, the wing gap between the centre section nose and the outer plane is too large to ensure that the top pin cannot rotate and partly withdraw.

Compliance: Within the next 100 hours TIS, unless already accomplished and thereafter at intervals not to exceed 12 months or 100 hours TIS, whichever occurs sooner.

Effective Date: 26 July 2007

*** DCA/PROCTMK1/10 Cabin Door Jettison Label – Modification**

Applicability: All Proctor Mark 1 aircraft fitted with cabin door jettison.

Requirement: Embody cabin door jettison label modification per Percival Modification No. C1207.

(UK AD 1489 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness.

Effective Date: 26 July 2007

*** DCA/PROCTMK1/11 Elevator Lever to Rocking Tube Attachment – Modification**

Applicability: All Proctor Mark 1 aircraft.

Requirement: Strengthen the attachment of the elevator lever to the rocking tube per Percival Modification No. C1229 and Percival Civil Technical Instruction No. 3.

(UK AD 1492 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness.

Effective Date: 26 July 2007

*** DCA/PROCTMK1/12 Aileron Mass Balance Weight – Inspection and Modification**

Applicability: All Proctor Mark 1 aircraft.

Requirement: Strengthen the aileron mass balance arm per Percival Modification No. C1236 and Percival Civil Technical Instruction No. 4 or Air Navigation Order 105.1.26.2.6.3.

(UK AD 1493 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness.

Effective Date: 26 July 2007

*** DCA/PROCTMK1/13 Speed Restriction – Placard Modification**

Applicability: All Proctor Mark 1 aircraft.

Requirement: Install a placard on the aircraft instrument panel with the following text per Percival Modification no. C1246 and Percival Civil Technical Instruction No. 13:

This aircraft must not be flown at speeds in excess of 174 knots (200mph)
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The lettering shall be easily readable from the pilot's seat. Other placards allowing maximum speeds in excess of 174 knots shall be removed.

(UK AD 1494 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness.

Effective Date: 26 July 2007