

Airworthiness Directive Schedule

Aeroplanes

De Havilland DH89 Series (Dragon Rapide and Dominie)

28 October 2010

- Notes**
1. This AD schedule is applicable to De Havilland DH89 (Dragon Rapide and Dominie) 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/DH89/101B Anti Vibration Strut – Modification**

Applicability: All DH 89 series aircraft.

Note: This AD revised to mandate the embodiment of Dominie Mod. 63 per the requirements in UK CAA AD 2736 PRE 80.

Requirement: To improve the attachment of the anti-vibration strut on the mainplane bracing embody Rapide Modification 2 (Dominie Mod. 63).
(UK CAA AD 2736 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness or at the next scheduled maintenance inspection whichever occurs sooner, unless previously accomplished.

Effective Date: DCA/DH89/101A - 29 October 2009
DCA/DH89/101B - 28 October 2010

DCA/DH89/102A Fuel Drain Pipe to Induction Manifold – Modification

Applicability: All DH 89 series aircraft.

Note 1: This AD revised to mandate the requirements in UK CAA AD 2737 PRE 80.

Requirement: To introduce a fuel drain pipe from the the induction manifold embody Rapide Modification 5 (Dominie Mod. 69).

Note 2: The requirements of this AD to be accomplished with the embodiment of Gipsy Modification 1152.
(UK CAA AD 2737 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness or at the next scheduled maintenance inspection whichever occurs sooner, unless previously accomplished.

Effective Date: DCA/DH89/102A - 29 October 2009

DCA/DH89/103A Mainplane and Undercarriage Bracing Struts – Modification

Applicability: All DH 89 series aircraft.

Note: This AD revised to mandate the requirements in UK CAA AD 2740 PRE 80.

Requirement: To introduce bracing for the rear diagonal strut and strengthen the undercarriage radius rod embody Rapide Modification 15.
(UK CAA AD 2740 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness or at the next scheduled maintenance inspection whichever occurs sooner, unless previously accomplished.

Effective Date: DCA/DH89/103A - 29 October 2009

DCA/DH89/104A Windsceen Wiper Motor – Modification

Applicability: All DH 89 series aircraft.

Note: This AD revised to mandate the requirements in UK CAA AD 2735 PRE 80.

Requirement: To introduce a screen on the Berkshire type windsceen wiper motor to eliminate compass interference embody Rapide Modification 1 (Dominie Mod. 65).
(UK CAA AD 2735 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness or at the next scheduled maintenance inspection whichever occurs sooner, unless previously accomplished.

Effective Date: DCA/DH89/104A - 29 October 2009

DCA/DH89/105 Flap Operating Cables - Inspection

Applicability: All DH 89 series aircraft.

Requirement: **Background:** Instances have occurred in which flap operating cables failed at the rear of the final tuck of the splice. This was attributed to fatigue hardening of the cable after excessive beating of the final tuck prior to serving the cable.

Inspection: The serving of the splices shall be removed and the flap operating cables inspected for fracture, or fatigue hardening of the strands. Cables found defective must be replaced.

Because of the arrangement of the guide pulleys, cable tension increases as the flap moves to the lower position. When tensioning the cables, the operating lever and flap should be in the lowered position. The considerable amount of slack found in the cable with the flaps in the raised position, should be ignored.

Compliance: Before issue of New Zealand Certificate of Airworthiness.

DCA/DH89/106 Cancelled - Purpose fulfilled**DCA/DH89/107 Cancelled****DCA/DH89/108 Cancelled**

Effective Date: 29 October 2009

DCA/DH89/109 Brake Compensating Bar – Inspection

Applicability: All DH 89 series aircraft

Requirement: TNS CT(89) No.12

Compliance: At intervals not to exceed 50 hours TIS.

DCA/DH89/110 Rear Fuselage - Inspection

Applicability: All DH 89 series aircraft

Requirement: **Background:** The rear fuselage structure is susceptible to water penetration and deterioration in the region of the tail wheel attachments.

Inspection: Inspect the rear fuselage in the region of the tail wheel for corrosion of tail wheel attachment bolts and fittings, water soakage of the wooden members and deterioration of the glued joints.

Compliance: At every periodic inspection

DCA/DH89/111 Cancelled – DH84, DH89 & DH90 Maintenance Documentation refers

Effective Date: 30 April 2009

DCA/DH89/112 Battery Master Switch – Modification

Applicability: All DH 89 series aircraft.

Requirement: To introduce a battery master switch embody Rapide Modification 9.

Note: BEA Mod. E-5-4 is an acceptable alternative to the requirements of this AD.
(UK CAA AD 2738 PRE 80 refers)

Compliance: Before issue of New Zealand Certificate of Airworthiness or at the next scheduled maintenance inspection whichever occurs sooner, unless previously accomplished.

Effective Date: 29 October 2009