# Airworthiness Directive Schedule

## Aeroplanes

### Auster and Beagle Series

#### 26 July 2012

**Notes**

1. This AD schedule is applicable to Auster aircraft models J1, J1B, J1N, J1Y, J4, J5, J5B, J5F, J5G, J5P, J5Q, MK5 and MK5D manufactured by Auster Aircraft Limited, and the Auster aircraft model 5C manufactured by Taylorcraft Aeroplanes (England) Limited, and Beagle aircraft models A.109 and A.61 series 2 aircraft manufactured by Beagle Aircraft Limited.

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/AB/101  Engine Mount - Modification
Applicability: All model J1 series
Requirement: Auster Mod. 1670
Compliance: By 31 March 1956

DCA/AB/102  Tailplane Bracing Wires - Replacement
Applicability: All model J1 series
Requirement: Auster Mod. 1381
Compliance: By 31 March 1956

DCA/AB/103  Mild Steel Throttle Lever - Modification
Applicability: All model J.5F and J.5G
Requirement: Auster Mod. 2601
Compliance: By 31 March 1956

DCA/AB/104  Engine Mount - Modification
Applicability: All model Mk.5
Requirement: Auster Mod. 164
Compliance: By 31 March 1956

DCA/AB/105  Wing Fabric Covering - Modification
Applicability: All model Mk.5 and Mk.5C
Requirement: Auster Mod. 154
Compliance: By 31 March 1956

DCA/AB/106  Rudder Mass Balance Arm - Modification
Applicability: All model Mk.5 and Mk.5C
Requirement: Auster Mod. 144
Compliance: By 31 March 1956

DCA/AB/107  Flap Shaft Lever - Modification
Applicability: All model Mk.5 and Mk.5C
Requirement: Auster Mod. 135
Compliance: By 31 March 1956
DCA/AB/108  Tailplane Attachment Safety Tube - Modification
Applicability:  All models having circular section tailplane front spar root ends and fuselage attachment studs
Requirement:  Auster Mod. 2555
Compliance:  By 31 March 1956

DCA/AB/109  Throttle Control - Modification
Applicability:  All model J.1, J.4, J.5 and Mk.5 series
Requirement:  Auster SB 37 (Mods 2867, 2870, 2876 and 2882)
Compliance:  By 31 March 1956

DCA/AB/110  Aileron Control Push Rod End Bearings - Modification
Applicability:  All model J.1, J.4, J.5 and Mk.5 series
Requirement:  Auster SB 37 (Mods 2893 and 2895)
Compliance:  Next C of A
Effective Date:  31 October 1955

DCA/AB/111  Throttle Control Connection Spring Loaded Ball Socket Assembly – Modification
Applicability:  All model J.1, J.5 and Mk.5 series
Requirement:  Auster SB 37 (Mod. 2811)
Compliance:  Next C of A
Effective Date:  31 October 1955

DCA/AB/112  Engine Fuel Pipe Banjo Connection Cap Nut - Modification
Applicability:  Model Mk.5 fitted with Pesco type vacuum pump and electric starter
Requirement:  Auster SB 36 (Mod. 2737)
Compliance:  Next C of A
Effective Date:  31 October 1955

DCA/AB/113  Control Yoke - Modification
Applicability:  All models fitted with yokes having mitred joints
Requirement:  Mod. AWD/8
Compliance:  By 1 July 1956
DCA/AB/115  Rear Lift Strut - Modification
Applicability: All model J.1, J.4, J.5 and Mk.5 series
Requirement: Auster Mods 3206 or 3333
Compliance: By 1 July 1956

DCA/AB/116  Tailplane Attachment - Modification
Applicability: All model J.1, J.4, J.5 and Mk.5 series
Requirement: Auster SB 41 (Mod. 3234)
Compliance: Next C of A
Effective Date: 31 October 1958

DCA/AB/117  Undercarriage - Modification
Applicability: Model J.1N. also model J.1B when 2,100 lb MAUW authorised
Requirement: Auster SB 44 (Mod.1828)
Compliance: By 1 August 1959

DCA/AB/118  Flap Actuator Lever Assemblies - Modification
Applicability: All model J.1, J.5 and Mk.5 series
Requirement: Auster SB 48 (Mod. 3663)
Compliance: Next C of A
Effective Date: 30 November 1960

DCA/AB/119  Wing Leading Edge - Modification
Applicability: All model J.1, J.4, J.5 and Mk.5 series
Requirement: Beagle (Auster) SB 53 (Mod. 4069)
Compliance: By 1 April 1964

DCA/AB/120  Starboard Magneto Cooling Duct - Modification
Applicability: All model A.109
Requirement: Beagle (Auster) SB A5 (Mod. A105)
Compliance: By 1 July 1964

DCA/AB/121  Door Hinge Bearings - Modification
Applicability: All model A.109
Requirement: Beagle (Auster) SB A5 (Mod.118)
Compliance: By 1 July 1964
### DCA/AB/122 Door Catch - Modification

**Applicability:** All model A.109  
**Requirement:** Beagle (Auster) SB A5 (Mod. A140)  
**Compliance:** By 1 July 1964

### DCA/AB/123 Generator Attachment Bolts - Modification

**Applicability:** All model A.109  
**Requirement:** Beagle (Auster) SB A11  
**Compliance:** By 30 November 1964

### DCA/AB/125 Tail Brace Wires - Inspection

**Applicability:** All model J.1, J.4, J.5 series and A61  
**Requirement:** Inspect upper and lower tail brace wires P/N 104/A2/340, paying particular attention to the following:
1. Condition of threaded portions.  
2. Freedom and alignment of 16 SWG plate end fittings and semi-cylindrical seating.  
Any wire found deformed or mal-aligned to be renewed before further flight.  
After reassembly ensure that all wires are aligned with the end fittings and are correctly tensioned.  
**Compliance:** At intervals not exceeding 50 hours TIS  
**Effective Date:** 30 April 1966

### DCA/AB/127 Cancelled: CAIC-AIR 31/74 refers

### DCA/AB/129 Brake Cables - Inspection

**Applicability:** All model J.1, J.4, J.5, Mk.5 series and A61  
**Requirement:** Auster SB 10  
**Compliance:** At intervals not exceeding 100 hours TIS  
**Effective Date:** 30 November 1954

### DCA/AB/130A Serial Plates - Modification

**Applicability:** All model J.1, J.4, J.5 and Mk.5 series having serial plate soldered to engine bearers etc  
**Requirement:** Auster SB 9  
**Compliance:** Within next 12 months, unless already accomplished  
**Effective Date:** 15 October 1976
DCA/AB/131 Propeller Sheathing - Inspection
   Applicability: All model J.1, J.4, J.5, Mk.5 series and A61 fitted with a wooden propeller
   Requirement: Auster SB 8
   Compliance: At intervals not exceeding 100 hours TIS
   Effective Date: 30 November 1954

DCA/AB/132 Rudder Cables - Inspection and Replacement
   Applicability: All model J.1, J.4, J.5, Mk.5 series and A61
   Requirement: Auster SB 50
   Compliance: As detailed
   Effective Date: 30 November 1954

DCA/AB/133 Redesigned Throttle Control - Inspection
   Applicability: All model J.1, J.4, J.5, Mk.5 series
   Requirement: Auster SB 37
   Compliance: At intervals not exceeding 600 hours TIS
   Effective Date: 30 November 1954

DCA/AB/134B Elevator Trim Tab Cables - Replacement
   Applicability: All model J.1, J.4, J.5, Mk.5 series and A61
   Requirement: Beagle (Auster) SB 59
   Compliance: At intervals not exceeding 1000 hours TIS
   Effective Date: 15 October 1976

DCA/AB/135 Tailplane Leading Edge Tube - Inspection
   Applicability: All model J.1 (except J.1U), J.4, J.5, Mk.5 series and A61 with brazed saddle washers in leading edge tube (Mods 3252 and 3413 not embodied)
   Requirement: Inspect tailplane leading edge tube attachments for cracks in vicinity of saddle washers.
   Compliance: At intervals not exceeding 300 hours TIS
   Effective Date: 31 March 1958
**DCA/AB/136**  
**Tailplane Attachment Stubs - Inspection**  
**Applicability:** All model J.1, (except J.1U), J.4, J.5, Mk.5 series and A61 not incorporating Mods 3252 or 3413 together with 2555 and 3234. All model J.5F not incorporating Mods 3252, 2555 and 3234.  
**Requirement:** Inspect tailplane attachment stubs for signs of failure.  
**Compliance:** At intervals not exceeding 300 hours TIS except that model J.5F shall be inspected at intervals not exceeding 100 hours TIS  
**Effective Date:** 31 March 1958

**DCA/AB/137**  
**Undercarriage Attachment Bolts - Inspection**  
**Applicability:** All model J.1, J.4, J.5, Mk.5 series and A61 and A109  
**Requirement:** Auster SB 19  
**Compliance:** At intervals not exceeding 50 hours TIS  
**Effective Date:** 30 June 1959

**DCA/AB/138**  
**Main Fuel Tanks - Inspection**  
**Applicability:** All model A109  
**Requirement:** Beagle (Auster) SB A8  
**Compliance:** At intervals not exceeding 50 hours TIS, until modified tanks are fitted  
**Effective Date:** 30 June 1964

**DCA/AB/139**  
**Engine Mount Attachment - Inspection**  
**Applicability:** All model J.1, J.4, J.5, Mk.5 series and A61  
**Requirement:** Beagle (Auster) SB 54  
**Compliance:** Next C of A and thereafter at intervals not exceeding 1000 hours TIS  
**Effective Date:** 30 April 1966

**DCA/AB/140**  
**Elevator Trim Tab Controls - Inspection**  
**Applicability:** All model J.1, J.4, J.5, Mk.5 series and A61  
**Requirement:** To minimise possibility of failure, accomplish the following:  
1. **Local Inspection:**  
   (a) Ensure that there are no kinks in plain wire or cable type controls where they emerge from elevator conduit nor at swivel on trim tab operating lever, and also that no grit is trapped in cable strands and no strands are broken.  
   (b) Ensure that swivel attachment to tab operating lever is free running.  
   (c) Ensure that there are no sharp edges on washer between wire and swivel fitting.  
   (d) Ensure that cable is well greased to prevent rusting.
2. **Complete Inspection:**

(a) Disconnect cables/wires and withdraw from elevator conduit sufficiently to ensure that the normally enclosed portion can be inspected.

(b) Check for kinks, fraying, corrosion and wear, paying particular attention to that part which passes through conduit.

(Beagle/Auster SBs 28, 41, 46 and 59 also refer)

**Compliance:**
1. Local inspection - at intervals not exceeding 100 hours TIS
2. Complete inspection - within next 100 hours TIS and thereafter at intervals not exceeding two years

**Effective Date:** 15 October 1976

**DCA/AB/141**  
*Cancelled – Refer DCA/BEAGLE121/34*

**Effective Date:** 28 August 2008

* DCA/AB/142  
**Safety Belt Attachments – Inspection**

**Applicability:**  
All Auster model J1, J1B, J1N, J1Y, J4, J5, J5B, J5F, J5G, J5P, J5Q, MK5, MK5D and 5C series aircraft.

All Beagle model A.109 and A.61 series 2 aircraft.

**Note:**  
This AD is prompted by a report of finding a substandard weld on an inboard safety belt attachment.

**Requirement:**  
To prevent safety belt attachment failure, accomplish the following:

Inspect the safety belt attachments to the airframe for corrosion, cracks, weld quality and security. If any defects are found rectify before further flight.

Report any defects to the CAA by completing a defect report form.

(NZ Occurrence 02/2023 refers)

**Compliance:**  
Within the next 100 hours TIS or by 26 July 2013 whichever occurs sooner.

**Effective Date:** 26 July 2012