

# Airworthiness Directive Schedule

## Aeroplanes

### Auster and Beagle Series

26 July 2012

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- 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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<b>DCA/AB/101</b>	<b>Engine Mount - Modification</b>
<b>Applicability:</b>	All model J1 series
<b>Requirement:</b>	Auster Mod. 1670
<b>Compliance:</b>	By 31 March 1956
<b>DCA/AB/102</b>	<b>Tailplane Bracing Wires - Replacement</b>
<b>Applicability:</b>	All model J1 series
<b>Requirement:</b>	Auster Mod. 1381
<b>Compliance:</b>	By 31 March 1956
<b>DCA/AB/103</b>	<b>Mild Steel Throttle Lever - Modification</b>
<b>Applicability:</b>	All model J.5F and J.5G
<b>Requirement:</b>	Auster Mod. 2601
<b>Compliance:</b>	By 31 March 1956
<b>DCA/AB/104</b>	<b>Engine Mount - Modification</b>
<b>Applicability:</b>	All model Mk.5
<b>Requirement:</b>	Auster Mod. 164
<b>Compliance:</b>	By 31 March 1956
<b>DCA/AB/105</b>	<b>Wing Fabric Covering - Modification</b>
<b>Applicability:</b>	All model Mk.5 and Mk.5C
<b>Requirement:</b>	Auster Mod. 154
<b>Compliance:</b>	By 31 March 1956
<b>DCA/AB/106</b>	<b>Rudder Mass Balance Arm - Modification</b>
<b>Applicability:</b>	All model Mk.5 and Mk.5C
<b>Requirement:</b>	Auster Mod. 144
<b>Compliance:</b>	By 31 March 1956
<b>DCA/AB/107</b>	<b>Flap Shaft Lever - Modification</b>
<b>Applicability:</b>	All model Mk.5 and Mk.5C
<b>Requirement:</b>	Auster Mod. 135
<b>Compliance:</b>	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