

# Airworthiness Directive Schedule

## Aeroplanes

### Sud Aviation Gardan GY 80 Series

18 December 2008

---

- Notes**
1. This AD schedule is applicable to Gardan GY 80-150 and GY 80-180 aircraft formerly manufactured by Sud Aviation, Yves Gardan under Generale de L'Aviation Civile (DGAC) Type Certificate No. 26 which has been surrendered by the Type Certificate holder. These 'orphan' aircraft are now listed on European Aviation Safety Agency (EASA) Specific Airworthiness Specification No. SAS.A.075.
  2. The date above indicates the amendment date of this schedule.
  3. New or amended ADs are shown with an asterisk \*
- 

## Contents

DCA/GH/102	Brake Handle Retaining Nut - Inspection and Modification .....	2
DCA/GH/103	Forward Left Hand Baffle Plate - Modification .....	2
DCA/GH/104	Landing Gear Control Crank Handle - Modification .....	2
DCA/GH/105	Elevator Control - Modification .....	2
DCA/GH/106	Oil Cooler Inlet and Outlet Pipes - Modification .....	2
DCA/GH/107	Engine Oil Temperature Probe - Modification .....	2
DCA/GH/108	Wing Flaps - Inspection.....	2
DCA/GH/109	Flap Control - Modification .....	3
DCA/GH/110	Air Intake - Modification.....	3
DCA/GH/111	Exhaust Gas Silencer - RH Side - Modification .....	3
DCA/GH/112	Oil Coolers P/N 80-53-2000 - Inspection.....	3
DCA/GH/113	Oil Cooler - Modification.....	3
DCA/GH/114	Air Ducts on Lycoming Engines with Dynafocal Suspension - Modification.....	3
DCA/GH/115	Fuel System - Inspection and Modification.....	3
DCA/GH/116	Landing Gear Actuating Cylinder P/N 80-47-1700 - Inspection .....	4
DCA/GH/117	Landing Gear Actuating Cylinder P/N 80-47-1700 - Modification .....	4
DCA/GH/118	Blade Failure - Modification.....	4
DCA/GH/119	Front Seats - Modification .....	4
* DCA/GH/120	Fuel Quantity Conversion Data – Operating Manual Amendment.....	4

<b>DCA/GH/102</b>	<b>Brake Handle Retaining Nut - Inspection and Modification</b>
<b>Applicability:</b>	S/N 2, 4-8, 12, 13, 15, 18, 19, 22, 26, 29
<b>Requirement:</b>	SB 4
<b>Compliance:</b>	Next 100 hours inspection
<b>DCA/GH/103</b>	<b>Forward Left Hand Baffle Plate - Modification</b>
<b>Applicability:</b>	S/N 11-15, 17, 18, 21, 23, 27
<b>Requirement:</b>	SB 7
<b>Compliance:</b>	Next periodic inspection
<b>DCA/GH/104</b>	<b>Landing Gear Control Crank Handle - Modification</b>
<b>Applicability:</b>	As detailed
<b>Requirement:</b>	SB 8
<b>Compliance:</b>	Within the next 100 hours flight time
<b>DCA/GH/105</b>	<b>Elevator Control - Modification</b>
<b>Applicability:</b>	As detailed
<b>Requirement:</b>	SB 6
<b>Compliance:</b>	Next periodic inspection
<b>DCA/GH/106</b>	<b>Oil Cooler Inlet and Outlet Pipes - Modification</b>
<b>Applicability:</b>	All
<b>Requirement:</b>	SB 12
<b>Compliance:</b>	By 8 March 1965
<b>DCA/GH/107</b>	<b>Engine Oil Temperature Probe - Modification</b>
<b>Applicability:</b>	S/N 1-75
<b>Requirement:</b>	SB 18
<b>Compliance:</b>	Next periodic inspection or in 3 months time whichever is the sooner
<b>DCA/GH/108</b>	<b>Wing Flaps - Inspection</b>
<b>Applicability:</b>	All
<b>Requirement:</b>	Information Note 10/64
<b>Compliance:</b>	Every periodic inspection

<b>DCA/GH/109</b>	<b>Flap Control - Modification</b>
<b>Applicability:</b>	S/N 1-98
<b>Requirement:</b>	SB 20
<b>Compliance:</b>	At C of A
<b>DCA/GH/110</b>	<b>Air Intake - Modification</b>
<b>Applicability:</b>	S/N 1-126
<b>Requirement:</b>	ANZ Mod. T5S-167B
<b>Compliance:</b>	At C of A
<b>DCA/GH/111</b>	<b>Exhaust Gas Silencer - RH Side - Modification</b>
<b>Applicability:</b>	As detailed
<b>Requirement:</b>	SB 22
<b>Compliance:</b>	Next periodic inspection
<b>DCA/GH/112</b>	<b>Oil Coolers P/N 80-53-2000 - Inspection</b>
<b>Applicability:</b>	All
<b>Requirement:</b>	SB 16
<b>Compliance:</b>	Before next flight
<b>DCA/GH/113</b>	<b>Oil Cooler - Modification</b>
<b>Applicability:</b>	As detailed
<b>Requirement:</b>	SB 19
<b>Compliance:</b>	By 30 April 1967
<b>DCA/GH/114</b>	<b>Air Ducts on Lycoming Engines with Dynafocal Suspension - Modification</b>
<b>Applicability:</b>	As detailed
<b>Requirement:</b>	SB 23
<b>Compliance:</b>	At C of A
<b>DCA/GH/115</b>	<b>Fuel System - Inspection and Modification</b>
<b>Applicability:</b>	All
<b>Requirement:</b>	SB 28
<b>Compliance:</b>	Next periodic inspection

- DCA/GH/116      Landing Gear Actuating Cylinder P/N 80-47-1700 - Inspection**
- Applicability:** As detailed
- Requirement:** SB 26
- Note:** When modification item DCA/GH/117 is embodied this inspection may be cancelled.
- Compliance:** Para 4 A.1 every 100 hours flight time
- DCA/GH/117      Landing Gear Actuating Cylinder P/N 80-47-1700 - Modification**
- Applicability:** As detailed
- Requirement:** SB 26
- Compliance:** At C of A
- DCA/GH/118      Blade Failure - Modification**
- Applicability:** Aircraft fitted with Sensenich M-76-EMM propellers
- Requirement:** SB 30
- Compliance:** Within the next 25 hours flight time
- DCA/GH/119      Front Seats - Modification**
- Applicability:** All
- Requirement:** SB 34
- Compliance:** By 31 July 1972
- \* DCA/GH/120      Fuel Quantity Conversion Data – Operating Manual Amendment**
- Applicability:** Model GY 80 series aircraft, all S/N
- Requirement:** To prevent an emergency landing due to possible fuel starvation because the fuel consumption curve and conversions scales in the aircraft operating manual are incorrect, accomplish the following:
- Do not use the unit conversion scales (US Gallon to Imperial Gallon and US Gallon to Litre) on the O-360-A engine fuel consumption curve in chapter III page 23 of the GY-80 English language Operating Manual, dated 01 January 1966.
- The following fuel conversion scales must be used:
- 1 US Gallon = 0.8326738 Imperial Gallon = 3.785412 Litre
- 1 Litre = 0.2641721 US Gallon = 0.2199692 Imperial Gallon
- 1 Imperial Gallon = 1.20095 US Gallon = 4.546092 Litre
- Note 1:** The requirements of this AD can be accomplished by inserting a copy of this AD facing page 23 of chapter III in the GY 80 Operating Manual.
- Note 2:** The Aircraft Operating Manual (SUD AVIATION GY 80 Operating Manual, dated 01 January 1966) will not be revised because the GY-80 aircraft type certificate has been surrendered (an 'orphan' aircraft) by the type certificate holder.
- (EASA AD 2008-0200-E refers)
- Compliance:** By 18 January 2009
- Effective Date:** 18 December 2008