

Airworthiness Directive Schedule

Aeroplanes

Rallye, MS880 and MS890 Series

27 April 2023

- Notes**
1. This AD schedule is applicable to the following aircraft models manufactured by Daher Aerospace (previously Société de Construction d'Avions de Tourisme et d'Affaires "S.O.C.A.T.A." - Groupe AEROSPATIALE, Société d'Exploitation des Etablissements MORANE-SAULNIER, Société MORANE-SAULNIER) under Type Certificate Numbers:

Aircraft Model:	Type Certificate Number:
Morane-Saulnier MS880B (Rallye Club)	EASA R.377 (formally DGAC 13)
MS885 (Super Rallye)	EASA R.377 (formally DGAC 13)
Morane-Saulnier MS893E (Rallye 180 GT)	EASA R.379 (formally DGAC 22)
Rallye 235E (Rallye 235)	EASA R.379 (formally DGAC 22)

2. The European Union Aviation Safety Agency (EASA) is the National Airworthiness Authority (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for these aircraft. State of Design ADs can be obtained directly from the EASA website at: <http://ad.easa.europa.eu/>
3. The date above indicates the amendment date of this schedule.
4. New or amended ADs are shown with an asterisk *

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<p>The State of Design ADs listed below are available directly from the National Airworthiness Authority (NAA) websites. Links to NAA websites are available on the CAA website at https://www.aviation.govt.nz/aircraft/airworthiness/airworthiness-directives/links-to-state-of-design-airworthiness-directives/ If additional NZ ADs need to be issued when an unsafe condition is found to exist in an aircraft or aeronautical product in NZ, they will be added to the list below.</p>		
* 2015-0203	Cancelled – EASA AD 2023-0080 refers	10
* 2023-0080	Nose Wheel Axle and Attachment Screws – Inspection.....	10

DCA/MS/101 Slat Link Pins - Modification

Applicability: Model 880B and 885 S/N 101 through 304
Requirement: Morane Saulnier SB 22 or Tasman Empire Airways Ltd Mod T4S 150B
Compliance: Next periodic inspection
Effective Date: 30 June 1963

DCA/MS/103 Cancelled - Purpose fulfilled**DCA/MS/104 Slats - Fastening Lugs - Modification**

Applicability: Model 880B and 885 S/N 1 through 272
Requirement: Morane Saulnier SB 23
Compliance: Next periodic inspection
Effective Date: 30 September 1963

DCA/MS/105 O-200 Series Continental Engine Cooling - Modification

Applicability: Model 880B S/N 1 through 330, 336 through 345, 373 and 377
Requirement: Morane Saulnier SB 30
Compliance: By 28 February 1965

DCA/MS/106 Fuel Line Supporting Clip - Modification

Applicability: All model 880B
Requirement: Tasman Empire Airways Ltd Mod T5S 146
Compliance: Next periodic inspection
Effective Date: 30 September 1964

DCA/MS/107 Fuel System Fuel Gauge Ball - Modification

Applicability: Model 880B S/N 1 through 205
Requirement: Morane Saulnier SB 26
Compliance: By 15 April 1964

DCA/MS/108 Fuel Pressure Lines - Modification

Applicability: All model 880B
Requirement: Tasman Empire Airways Ltd Mod T4S 182B
Compliance: By 31 December 1964

DCA/MS/109 Rear Fuselage Frame Welding - Inspection

Applicability: Model 880B S/N 1 through 80
Requirement: Morane Saulnier SB 6
Compliance: Every periodic inspection
Effective Date: 30 September 1962

DCA/MS/110 Cancelled - Once only inspection, purpose fulfilled**DCA/MS/111 Horizontal Stabiliser Fittings - Inspection****Applicability:** All model 880B and 885**Requirement:** Socata SB 40/1**Compliance:** Every periodic inspection**Effective Date:** 30 September 1964**DCA/MS/112 Leading Edge Slat - Inspection****Applicability:** All model 880B and 885**Requirement:** Morane Saulnier SB 14**Compliance:** Every alternate periodic inspection**Effective Date:** 30 September 1964**DCA/MS/113 Aileron Control Tube - Inspection****Applicability:** Model 880B S/N 1 through 264**Requirement:** Morane Saulnier SB 19**Compliance:** As detailed**Effective Date:** 30 September 1964**DCA/MS/114A Landing Gear - Inspection****Applicability:** All model 880B and 885**Requirement:** Morane Saulnier SB 42**Compliance:**

1. Every periodic inspection and after a heavy landing
2. Dye penetrant check to be carried out on main landing gear every 100 hours TIS

Effective Date: 30 September 1966**DCA/MS/115 Rudder Pedal Cracking - Inspection****Applicability:** All model 880B and 885**Requirement:** Cracks have been found in the region of the welded joint of the rudder pedal assembly hinge lug to the torque tube P/N 880-27-0-093-2.

Visually inspect the welded joint in the region of the rudder pedal assembly hinge lug to the torque tube for cracks.

Compliance: At the next periodic inspection and at each subsequent periodic inspection**Effective Date:** 30 September 1966**DCA/MS/116 Aileron Control - Inspection****Applicability:** All model 880B and 885**Requirement:** Morane Saulnier SB 33**Compliance:** Every periodic inspection**Effective Date:** 30 September 1966

DCA/MS/117 Sliding Glass Hood - Inspection

Applicability: All model 880B and 885
Requirement: Morane Saulnier SB 35
Compliance: Next periodic inspection
Effective Date: 30 September 1966

DCA/MS/118 Nosewheel to Firewall - Inspection

Applicability: All model 880B and 885
Requirement: Morane Saulnier SB 38
Compliance: Every periodic inspection until modified
Effective Date: 30 September 1966

DCA/MS/119 Nosewheel to Firewall - Modification

Applicability: All model 880B and 885
Requirement: Morane Saulnier SB 38
Compliance: By 6 June 1975

DCA/MS/120 Fuselage Carbon Monoxide Sealing - Inspection

Applicability: All model 880B and 885
Requirement: Morane Saulnier SB 44
Compliance: At each issue or renewal of the C of A
Effective Date: 30 September 1966

DCA/MS/121 Nose Landing Gear - Inspection

Applicability: All model 880B and 885
Requirement: Socata SB 48
Compliance: As detailed
Effective Date: 31 December 1969

DCA/MS/122 Slat Flexible Control with Lining - Replacement

Applicability: All model 880B and 885
Requirement: Socata SB 47
Compliance: Next overhaul
Effective Date: 31 December 1969

DCA/MS/124 Electrical Oil Pressure Assembly - Modification

Applicability: Model 880B S/N as listed in SB 49
Requirement: Socata SB 49
Compliance: By 1 March 1968

DCA/MS/125 Canopy Stops - Inspection

Applicability: All model 880B and 885
Requirement: Socata SB 75
Compliance: Within the next 50 hours TIS and thereafter at intervals not exceeding 100 hours TIS
Effective Date: 31 May 1970

DCA/MS/126 Instrument Dial Glasses and Bezels - Inspection and Modification

Applicability: All model 880B and 885
Requirement: Socata SB 73
Compliance: Within the next 50 hours TIS
Effective Date: 31 May 1970

DCA/MS/127 Battery Box - Modification

Applicability: All model 880B
Requirement: Socata SB 68
Compliance: Within the next 100 hours TIS
Effective Date: 31 October 1970

DCA/MS/128 Fuel System - Inspection

Applicability: Model 880B and 885 S/N as listed in SB 56
Requirement: Socata SB 56 Parts 2 and 3
Compliance: By 31 March 1971

DCA/MS/129 Grounding of Shielded Cables - Modification

Applicability: Model 880B S/N as listed in SB 79
Requirement: Socata SB 79
(FAA AD 71-15-3 also refers)
Compliance: Within the next 50 hours TIS
Effective Date: 30 September 1971

DCA/MS/131 Horizontal Stabiliser Fittings - Modification

Applicability: Model 880B and 885 S/N as listed in SB 12/1
Requirement: Socata SB 12/1
Compliance: By 1 June 1972

DCA/MS/132 Cowling Locks Adjustment - Inspection

Applicability: All model 880B
Requirement: Socata SB 107
(BV AI 73-10 also refers)
Compliance: Every periodic inspection
Effective Date: 30 April 1973

DCA/MS/133 Access Door in Upper Engine Cowling - Modification**Applicability:** Model 880B S/N as listed in SB 116**Requirement:** Socata SB 116
(BV AI 75-1 also refers)**Compliance:** By 9 June 1975**DCA/MS/134 Carburettor Air Inlet Duct - Modification****Applicability:** All model 885 equipped with Avco-Lycoming or Franklin engines**Requirement:** Socata SB 125**Compliance:** Within the next 50 hours TIS**Effective Date:** 30 September 1976**DCA/MS/135 Wing Attachment Fittings - Inspection****Applicability:** Model 880B and 885 prior to S/N 2963 and S/N 5050 through 5750**Requirement:** Inspect per Socata SB 129
(BV AD 78-62(A) also refers)**Compliance:** Within the next 100 hours TIS**Effective Date:** 26 May 1978**DCA/MS/136 Cancelled – DCA/MS/144 now refers****DCA/MS/137 Carburettor Air-inlet - Modification****Applicability:** Model MS 893E S/N 1 through 13072**Requirement:** Modify per Socata SB 137
(BV AD 78-147(A) refers)**Compliance:** Within the next 50 hours TIS**Effective Date:** 10 November 1978**DCA/MS/138 Airframe - Inspection****Applicability:** All model 880B, 885 and 893E**Requirement:** Inspect per Socata SB 133/2 column 'A'. Repair and reprotect as prescribed before further flight
(BV AD 82-89(A) refers)**Compliance:** Within the next 50 hours TIS or 4 months whichever is the sooner and thereafter at intervals not exceeding 100 hours TIS or 6 months whichever is the sooner**Effective Date:** 10 September 1982

DCA/MS/139 Horizontal Stabiliser - Inspection

Applicability: All model MS 880B, 885, 893E and Rallye 235E

Requirement:

1. Inspect horizontal stabiliser spar and attachment fittings per Socata SB 145. Renew cracked parts before further flight.
2. Check attachment bolt installation and fit prescribed washers as necessary to achieve correct clamping.

Compliance:

1. Inspection - At intervals not exceeding 100 hours TIS
2. Check - Within the next 100 hours TIS and thereafter whenever fittings are replaced

Effective Date: 29 August 1985

DCA/MS/140 Engine Mount - Inspection and Modification

Applicability: All model 893E

Requirement: Remove identification plate, dye penetrant inspect engine mount and reposition plate per Socata SB 146. Repair cracks as prescribed before further flight

Compliance: Inspect and modify within next 100 hours TIS or by 31 December 1986, whichever is the sooner and thereafter inspect at intervals not exceeding 100 hours TIS

Effective Date: 29 August 1986

DCA/MS/141A Cancelled – EASA AD 2015-0203 refers

Effective Date: 21 October 2015

DCA/MS/142 Nose Landing Gear Attachment - Inspection

Applicability: All Model 880, 885, 893 and 235E.

Requirement: To prevent failure of the nose landing gear, inspect per SOCATA Rallye SB 152 - 32 Rev1. Replace fittings found cracked per SB 152 - 32 Rev 1 before further flight. (BV AD 94-182 (A) R1 refers)

Compliance: Before further flight following a heavy landing or severe nose wheel shimmy.

Effective Date: 23 December 1994

DCA/MS/143 Rudder Control Clevis - Inspection

Applicability: All Model 880, 885, 893 and 235E.

Requirement: To prevent rudder control clevis failure, inspect the elevator and rudder governor control clevis per SOCATA Rallye SB 155-27. If the thickness at the bent section of the clevis is less than 0.045 in (1.1 mm), replace the clevis before further flight. (DGAC AD 2000-174(A) refers)

Compliance: Within next 100 hours TIS.

Effective Date: 25 May 2000

DCA/MS/144 Engine Mount – Inspection and Modification

Applicability: All model 110ST, 150, 180, MS 892, MS 893, and model MS 894A and MS 894E S/N 1005 through 2204, that are equipped with an engine mount ref. 887.51.0.030.0, 892.51.0.033.0, 85.51.0.001.0, 892.51.0.001.0, 892.51.0.053.0 or 892.51.0.060.0.

This AD is not applicable to agricultural models, fitted with SOCATA kit n° OPT8098 9037.

Requirement: To prevent failure of the engine mount, accomplish the following:-

1. Inspect the engine mount per SOCATA Rallye SB 156-71. If a crack is found, the engine mount must be repaired or replaced before the next flight per SB 156-71. If the crack length is more than 6 mm the engine mount must be replaced.
2. For the engine mounts with a riveted manufacturer's plate, remove and bond the plate per SB 156-71.
(DGAC AD 2001-400 refers)

Compliance: 1. Within next 50 hours TIS and thereafter at intervals not to exceed 50 hours TIS.

2. Within next 50 hours TIS.

Effective Date: 25 October 2001

DCA/MS/145 Engine Mount - Replacement

Applicability: Model A150, 150T, 150ST, 180T, MS 892 and MS 893 series equipped with engine mount ref. 892.51.0.035.0.

Requirement: Replace the engine mount with an approved alternative. The engine mount ref. 892.51.0.035.0 may have been installed between 1 April 1978 and 6 November 1978, or by application of SOCATA Information Bulletin 39.
(DGAC AD 1978-205(A) R1 refers)

Compliance: Within next 5 hours

Effective Date: 25 October 2001

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If additional NZ ADs need to be issued when an unsafe condition is found to exist in an aircraft or aeronautical product in NZ, they will be added to the list below.

* 2015-0203 Canceled – EASA AD 2023-0080 refers

Effective Date: 1 May 2023

* 2023-0080 Nose Wheel Axle and Attachment Screws – Inspection

Applicability: MS 880 B, MS 880 B-D, MS 881, MS 883, MS 884, MS 885, MS 886, MS 887, MS 890 A, MS 890 B, MS 892 A.150, MS 892 B.150, MS 892 E.150, MS 892 E-D.150, MS 893 A, MS 893 B, MS 893 E, MS 893 E-D, MS 894 A, MS 894 E, RALLYE 100 S, RALLYE 100 S-D, RALLYE 100 ST, RALLYE 100 ST-D, RALLYE 110 ST, RALLYE 150 ST, RALLYE 150 ST-D, RALLYE 150 T, RALLYE 150 T-D, RALLYE 150 SV, RALLYE 150 SVS, RALLYE 180 T, RALLYE 180 TS, RALLYE 180 T-D, RALLYE 235 A, RALLYE 235 F, RALLYE 235 E and RALLYE 235 E-D aircraft, all S/N.

Effective Date: 1 May 2023