

Airworthiness Directive Schedule

Engines

GE Aviation Czech (formerly Walter Engines) M601 Series

27 June 2019

- Notes:**
1. This AD schedule is applicable to GE Aviation Czech (formerly Walter Engines) M601 series engines manufactured under EASA Type Certificate E.070.
 2. These engines are known to be installed on, but not limited to Pacific Aerospace Fletcher FU24-950 series aircraft embodied with STC 98/21E/15, Moravan Z-37T aircraft, Allied Ag Cat Productions Inc. (formerly Grumman) G-164 series aircraft, Aircraft Industries (formerly LET) L-410 series aircraft, Air Tractor AT-300, AT-400 and AT-500 series aircraft, PZL "Warszawa-Okęcie" PZL-106 (Kruk) aircraft, RUAG Aerospace Services (formerly Dornier) Do 28 series aircraft and Thrush Aircraft Inc. (formerly Quality, Ayres, Rockwell) S-2R series aircraft.
 3. The European Aviation Safety Agency (EASA) is the National Airworthiness Authority (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for these engines. State of Design ADs can be obtained directly from the EASA website at <http://ad.easa.europa.eu/>
 4. The date above indicates the amendment date of this schedule.
 5. New or amended ADs are shown with an asterisk *
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From 1 October 2012 the Civil Aviation Authority of New Zealand (CAA) will no longer rewrite the text of State of Design ADs. Applicable State of Design ADs will be listed below and you can obtain them directly from the National Airworthiness Authority (NAA) websites. Links to NAA websites are available on the CAA website at http://www.caa.govt.nz/airworthiness-directives/states-of-design/ 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.		
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DCA/WALT/1 Fuel Control Unit - Replacement

Applicability: Model M 601 series listed in Appendix 1 of Walter Mandatory Bulletin A M601D/29a, A M601D-1/3a, A M601D-11NZ/3a, A M601E/23a, A M601E-11/4a, A M601E21/2a, A M601F/3a, A M601T/7a, A M601Z/15a.

Requirement: To prevent fuel control unit servomotor relief valve leakage due to the malfunction of the relief valve seal and possible sudden reduction in takeoff power, accomplish the following:-
Replace the fuel control unit per the Walter Mandatory Bulletin detailed above.
(Czech CAA-AD-T-095/2000 refers)

Compliance: Before further flight.
For engines held as spares, before installation on an aircraft.

Effective Date: 19 October 2000

DCA/WALT/2 Combustion Chamber Inner Liner - Replacement

Applicability: Model M601 Series as listed in Appendix 1 of Walter Mandatory Bulletin No.: A M601D/33a, A M601D-1/7a A M601D-11NZ/7a, A M601E/29a or A M601E-21/7a

Requirement: To prevent engine power loss and/or increased interturbine temperatures, replace the combustion liners as listed by S/N (and engine S/N) in Appendix 1 of the appropriate SB listed above.
(Czech CAA-AD-T-031/2003 refers)

Compliance: Before 31 December 2003

Effective Date: 24 April 2003

From 1 October 2012 the Civil Aviation Authority of New Zealand (CAA) will no longer rewrite the text of State of Design ADs. Applicable State of Design ADs will be listed below and you can obtain them directly from the National Airworthiness Authority (NAA) websites. Links to NAA websites are available on the CAA website at <http://www.caa.govt.nz/airworthiness-directives/states-of-design/> 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.

2015-0014 Reduction Gearbox Quill Shaft and Supporting Cone – Inspection

Effective Date: 13 February 2015

2015-0015 Gas Generator Turbine Blades – Replacement

Effective Date: 13 February 2015

2016-0025-E (Correction) Cancelled – EASA AD 2019-0061 refers

Effective Date: 1 April 2019

2017-0100 Cancelled - EASA AD 2019-0061 refers

Effective Date: 1 April 2019

2017-0151R1 Exhaust System – Modification

Applicability: M601D, M601D-1, M601D-2, M601D-11, M601D-11NZ, M601E, M601E-11, M601E-11A, M601E-11AS, M601E-11S, M601E-21, M601F, M601FS, M601F-11, M601F-22, M601F-32, M601T, M601Z, H75-100, H75-200, H80, H80-100, H80-200 and H85-100 and H85-200 engines, all serial numbers.

These engines are known to be installed on, but not limited to, Thrush Aircraft Inc. (formerly Quality, Ayres, Rockwell) S-2R, PZL "Warszawa-Okęcie" PZL-106 (Kruk), Air Tractor AT-300, AT-400 and AT-500 series, Allied Ag Cat Productions Inc. (formerly Schweizer, Grumman American) G-164 series, RUAG (formerly Dornier) Do 28 and Aircraft Industries (formerly LET) L-410 aeroplanes.

Note: This AD revised to include the reference to the Engine Maintenance Manual (EMM) at revision 03.

Effective Date: 2017-0151 - 1 September 2017
2017-0151R1 - 20 December 2018

*** 2019-0061 Cancelled – EASA AD 2019-0143 refers**

Effective Date: 27 June 2019

*** 2019-0143 Power Turbine Disc – Inspection**

Applicability: M601D, M601D-1, M601D-2, M601D-11, M601D-11NZ, M601E, M601E-11, M601E-11A, M601E-11AS, M601E-11S, M601E-21, M601F, M601FS, M601F-11, M601F-22, M601F-32, M601T and M601Z engines, all serial numbers (s/n).

These engines are known to be installed on, but not limited to Aircraft Industries (formerly LET) L-410 series, Air Tractor AT-300, AT-400 and AT-500 series, Allied Ag Cat Productions Inc. (formerly Grumman) G-164 series, PZL "Warszawa-Okęcie" PZL-106 (Kruk), RUAG Aerospace Services (formerly Dornier) Do 28 series, and Thrush Aircraft Inc. (formerly Quality, Ayres, Rockwell) S-2R series.

Note: EASA AD 2019-0143 retains the requirements of superseded EASA AD 2019-0061 and introduces amended compliance times for Group 2 engines.

Effective Date: 27 June 2019