Airworthiness Directive Schedule
Aeroplanes
Mitsubishi MU-2B-30 Series
25 June 2020

Notes
1. This AD schedule is applicable to Mitsubishi Heavy Industries Ltd. MU-2B-30 aircraft manufactured under Japan Civil Aviation Bureau (JCAB) Type Certificate No. 25.
2. The Japan Civil Aviation Bureau (JCAB) is the National Airworthiness Authority (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for these aircraft. JCAB ADs can be obtained directly from the JCAB website at http://www.mlit.go.jp/koku/english/index.html
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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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 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. ................................................................. 9
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DCA/MU2B-30/1A Airworthiness Directive Compliance

**Applicability:** Model MU-2B-30 aircraft, all S/N.

**Requirement:** Compliance with the following Japan Civil Aviation Bureau (JCAB) Airworthiness Directives (as applicable) is required:

- TCD-518-68 Elevator Hinge
- TCD-642-70 Fuel Anti-Ice Additive
- TCD-643-70 Fuel Quantity Indicator
- TCD-653-70 Nacelle Structure
- TCD-859-72 Battery System
- TCD-866-72 NLG Actuator
- TCD-947A-74 Flap Flexible Shafts
- TCD-1188-75 Propeller Pitch Control Lever
- TCD-1202-75 Engine Nacelle Door Latches
- TCD-1209-75 NLG Shimmy Damper
- TCD-1094A-76 Flap Jack Screw
- TCD-1284-1-76 MLG Drag Strut
- TCD-1328-76 Rear Baggage Compartment
- TCD-1370-76 Wing Tip Tank Fuel
- TCD-1520A-77 Engine Nacelle Door Latch Link
- TCD-2048-81 Engine Fire Detection System
- TCD-2070-81 NLG Retraction
- TCD-2263-83 NLG Drag Strut Bracket
- TCD-1001B-2-84 Elevator Trim Tab Bracket
- TCD-2342-1-84 Engine Air Inlet Anti-ice System
- TCD-2450A-87 Pitot Tubes and Anti-ice Circuits
- TCD-2451-1 Flap Flexible Shaft
- TCD-2856-87 Autopilot System
- TCD-2545-1-88 Generator Ground Circuit
- TCD-3378-90 Rudder Trim Tab
- TCD-3464-91 Autopilot System
- TCD-3901-93 Wing Tip Tank Fuel
- TCD-3942-1-94 Emergency Geardown Gearbox
- TCD-3393A-96 Anti-ice/Deice Systems
- TCD-4310-96 Wing Tip Tank
- TCD-4552-96 Severe Icing Conditions
- TCD-2679A-97 Engine Auto-ignition System
- TCD-2856-1-97 Autopilot System
- TCD-4529-97 Ice Detection System
- TCD-4626-97 De-ice Monitoring System
- TCD-4684-97 Landing Gear Actuating Mechanism
- TCD-3740A-98 Autopilot System and Nose down Trim
- TCD-4838-98 Landing Gear Drive Train
- TCD-4889-98 Engine Torque Meter Calibration
- TCD-4890-98 Flight Idle Fuel Flow
- TCD-5432-2000 Pneumatic Deicing Boots
- TCD-4625A-2001 Trim-in-motion Alert System
- TCD-5547-2001 Power Levers
- TCD-5747-2001 Tip Tank Attach Brackets
- TCD-5864-2001 Flap Drive Train
- TCD-6127-2003 Pneumatic Lines


* TCD-7030-2006 Outer Wing

* TCD-4889-2-2007 Engine Torque Meter Calibration
Note: Each part of this AD (each individual JCAB AD) shall be certified in the aircraft log book separately.

Compliance: Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the JCAB AD.

Effective Date: DCA/MU2B-30/1 - 27 August 2009
DCA/MU2B-30/1A - 10 June 2020

DCA/MU2B-30/2 MLG Forward Door Emergency Cable – Inspection

Applicability: Model MU-2B-30 aircraft, S/N 502 through to 547 not fitted with MLG forward door emergency cable P/N 030A-38558-41/-51.

Requirement: To prevent failure of the MLG forward door emergency operating cable, accomplish the requirements specified in JCAB AD TCD-1235-75.

Note 1: Mitsubishi MU-2 SB No. 170 or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html

Note 3: Replacement of MLG forward door emergency cable with P/N 030A-38558-41/-51 per the instructions in SB No. 170 is a terminating action to the repetitive inspection requirements of this AD.

(JCAB AD TCD-1235-75 refers)

Compliance: At the initial threshold specified in JCAB AD TCD-1235-75 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009

DCA/MU2B-30/3 MLG Forward Door Mechanism – Inspection


Requirement: To prevent failure of support P/N 030A-38824 of the MLG forward door actuating mechanism, accomplish the requirements specified in JCAB AD TCD-1272-75.

Note 1: Mitsubishi MU-2 SB No. 172 or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html

(JCAB AD TCD-1272-75 refers)

Compliance: At the initial threshold specified in JCAB AD TCD-1272-75 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009
DCA/MU2B-30/4  Front Windscreen – Inspection


Note 1: This AD is not applicable to aircraft already in compliance with Mitsubishi MU-2 Service Recommendation No. 027 or SB No. 163B.

Requirement: To prevent failure of front windshield due to an inoperative air conditioning system, accomplish the requirements specified in JCAB AD TCD-948A-1-78.

Note 2: Mitsubishi MU-2 SB No. 163B and Service Recommendation No. 027A or later JCAB approved revisions pertains to the subject of this AD.

Note 3: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html.

Note 4: The installation of a defogging air temp warning system per SB No. 163B is a termination action to the repetitive inspection requirements of this AD.

Note 5: This AD partially revises JCAB AD 948A-74.

Compliance: At the initial threshold specified in JCAB AD TCD-948A-1-78 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009

DCA/MU2B-30/5  Cancelled – DCA/MU2B-30/9 refers

Effective Date: 28 June 2012

DCA/MU2B-30/6  Elevator Trim Tab Bracket – Inspection


Requirement: To prevent failure of the elevator trim tab bracket due to possible wear, accomplish the requirements specified in JCAB AD TCD-1001B-81.

Note 1: Mitsubishi MU-2 SB No. 176C or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html.

Note 3: The installation of bracket P/N 035A-22128-1/-2 is a terminating action to the repetitive inspection and lubrication requirements of this AD.

Note 4: This AD supersedes JCAB TCD-1001A-76 and TCD-1001A-1-80.

Compliance: At the initial threshold specified in JCAB AD TCD-1001B-81 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009
DCA/MU2B-30/7  Tip Tank Fuel – Inspection


Requirement: To prevent fuel from the tip tank from entering into the strobe light, accomplish the requirements specified in JCAB AD TCD-1370A-81.

Note 1: Mitsubishi MU-2 SB No. 174C or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html

Note 3: The embodiment of modification per instruction 2 of SB No. 174C is a terminating action to the repetitive inspection requirements of this AD.

Note 4: This AD supersedes JCAB TCD-1370-76.

(JCAB AD TCD-1370A-81 refers)

Compliance: At the initial threshold specified in JCAB AD TCD-1370A-81 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009

DCA/MU2B-30/8  Engine Electrical Harness – Inspection


Requirement: To prevent failure of wires P/N MS 25471 in the engine electrical harness, accomplish the requirements specified in JCAB AD TCD-2113-82.

Note 1: Mitsubishi MU-2 SB No. 191 or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html

Note 3: The replacement of wires P/N MS 25471 in the electrical harness with P/N M22759 per paragraph 3 of SB No. 191 is a terminating action to the repetitive inspection requirements of this AD.

(JCAB AD TCD-2113-82 refers)

Compliance: At the initial threshold specified in JCAB AD TCD-2113-82 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009
DCA/MU2B-30/9  NLG Strut Assembly – Inspection


Requirement: To prevent failure of the NLG strut assembly, accomplish the requirements specified in JCAB AD TCD-1768-1-85.

Note 1: Mitsubishi MU-2 SB No. 181 revision B or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html

Note 3: The replacement of the NLG strut assembly with parts marked with ‘SP’ per part II of SB No. 181 is a terminating action to the repetitive inspection requirements of this AD.

Compliance: At the initial threshold specified in JCAB AD TCD-1768-1-85 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009

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DCA/MU2B-30/10  Fuel Tanks – Inspection


Requirement: To prevent blocked fuel lines due to possible peeling of the DV1180 fungus resistant paint in the wing fuel tanks, accomplish the requirements specified in JCAB AD TCD-730-2-86.

Note 1: Mitsubishi MU-2 SB No. 143C or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html

Note 3: A complete recoating of the fuel tanks per the instructions in SB No. 143C is a terminating action to the repetitive inspection requirements of this AD.

Compliance: At the initial threshold specified in JCAB AD TCD-730-2-86 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009
DCA/MU2B-30/11  Flap Control System – Inspection


Requirement: To prevent failure of the flap torque tube assembly joint, accomplish the requirements specified in JCAB AD TCD-2252-2-88.

Note 1: Mitsubishi MU-2 SB No. 189B or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html

Note 3: This AD supersedes JCAB AD TCD-2252-1-87. (JCAB AD TCD-2252-2-88 refers)

Compliance: At the initial threshold specified in JCAB AD TCD-2252-2-88 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009

DCA/MU2B-30/12  Cockpit and Cabin Windows – Inspection


Requirement: To prevent failure of the cockpit windscreen, cockpit side windows and cabin windows, accomplish the requirements specified in JCAB AD TCD-4311-95.

Note 1: Mitsubishi MU-2 SB No. 224A or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html (JCAB AD TCD-4311-95 refers)

Compliance: At the initial threshold specified in JCAB AD TCD-4311-95 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009
DCA/MU2B-30/13  Propeller Feathering – Inspection


Requirement: To prevent the inability to feather the propeller due to possible misadjustment of the feathering linkage, accomplish the requirements specified in JCAB AD TCD-4379-96.

Note 1: Mitsubishi MU-2 SB No. 229 or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html (JCAB AD TCD-4379-96 refers)

Compliance: At the initial threshold specified in JCAB AD TCD-4379-96 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009

DCA/MU2B-30/14  Fuselage – Inspection


Requirement: To prevent the inability to feather the propeller due to possible misadjustment of the feathering linkage, accomplish the requirements specified in JCAB AD TCD-5030-99.

Note 1: Mitsubishi MU-2 SB No. 209B or later JCAB approved revisions pertains to the subject of this AD.

Note 2: A copy of the JCAB AD is available on the JCAB web site at http://www.mlit.go.jp/koku/15_hf_000127.html (JCAB AD TCD-5030-99 refers)

Compliance: At the initial threshold specified in JCAB AD TCD-5030-99 unless previously accomplished, and thereafter at intervals not to exceed those specified in the JCAB AD.

Effective Date: 27 August 2009
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 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.

TCD-8231-2013       Airframe – Inspection
Effective Date: 20 August 2013

TCD-8595-2015       MLG Oleo Attach Fittings – Inspection
Effective Date: 15 July 2015

TCD-8678-2016       Propeller Pitch Control Lever – Inspection
Effective Date: 19 February 2016

TCD-8783-2016       Wing Spacer Plates – Inspection
Effective Date: 12 July 2016

*TCD-4753B-2020   Pilot in Charge Training Requirements
Applicability: Mitsubishi MU-2B and MU-2B-30 series aircraft, all S/N.
Effective Date: 10 June 2020