

Airworthiness Directive Schedule

Aeroplanes

Mitsubishi MU-2B-30 Series

30 June 2016

- 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. State of Design ADs applicable to these aircraft can be obtained directly from the JCAB web site. The link to the JCAB web site is available on the CAA web site at http://www.caa.govt.nz/Airworthiness_Directives/states_of_design.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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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 with linked directly to them. You can also obtain them directly from the National Airworthiness Authority (NAA) web sites. Links to the NAA web sites are available on the CAA web site at http://www.caa.govt.nz/Airworthiness_Directives/states_of_design.html 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.....	9
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DCA/MU2B-30/1 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-4753A-2004	Pilot in Charge Training
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:** Before issue of a New Zealand Certificate of Airworthiness, or at the next ARA inspection after the effective date of this AD whichever is the sooner, unless previously accomplished.
- Effective Date:** 27 August 2009

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

- Applicability:** Model MU-2B-30 aircraft, S/N 501 through to 585.
- 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

Applicability: Model MU-2B-30 aircraft, S/N 501 through to 673 except 313, 321, 651 and 652.

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.
(JCAB AD TCD-948A-1-78 refers)

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

Applicability: Model MU-2B-30 aircraft, S/N 501 through to 696 except 652 and 661.

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.
(JCAB AD TCD-1001B-81 refers)

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

- Applicability:** Model MU-2B-30 aircraft, S/N 501, 504 and 548 through to 673 except 652 and 661.
- 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

- Applicability:** Model MU-2B-30 aircraft, S/N 501 through to 696 excluding 652 and 661.
- 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

- Applicability:** Model MU-2B-30 aircraft, S/N 501 through to 696 excluding 652 and 661.
- 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. (JCAB AD TCD-1768-1-85 refers)
- 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

DCA/MU2B-30/10 Fuel Tanks – Inspection

- Applicability:** Model MU-2B-30 aircraft, S/N 502 through to 551.
- 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. (JCAB AD TCD-730-2-86 refers)
- 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

- Applicability:** Model MU-2B-30 aircraft, S/N 501 through to 696 excluding 652 and 661.
- 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

- Applicability:** Model MU-2B-30 aircraft, S/N 501 through to 696 excluding 652 and 661.
- 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

- Applicability:** Model MU-2B-30 aircraft, S/N 501 through to 696 excluding 652 and 661.
- 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

- Applicability:** Model MU-2B-30 aircraft, S/N 501 through to 696 excluding 652 and 661.
- 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

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[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