

KU-KEN-486

No.TCD-2451-1-87

Date April 15, 1987

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to Mitsubishi Model  
MU-2B/-10/-15/-20/-25/-26: S/N 008 thru 347 (except S/N 313 and 321)  
MU-2B-30/-35/-36: S/N 501 thru 696 (except S/N 652 and 661)
2. Compliance required as indicated
  2. Compliance required as indicated, unless already accomplished.  
To prevent possible failure of the flap flexible shaft, as a result of corrosion by intruded water and wear, accomplish the following.
    - 2.1 For the flap flexible shaft with less than 1,000 hours time in service on the effective date of this AD, accomplish 2.1.1. and 2.1.2.
      - 2.1.1 Within 100 hours time in service after the effective date of this AD, seal the fitting and the connection area of the flap flexible shaft in accordance with Mitsubishi MU-2 Service Bulletin No. 198, dated February 13, 1985 (hereinafter referred to as SB).
      - 2.1.2 Prior to the accumulation of 1,100 hours time in service of the flap flexible shaft, perform torque inspection, replace the flap flexible shaft if required, and seal the fitting and the connection area of the flap flexible shaft in accordance with SB.

Japan Civil Aviation Bureau	No. TCD- 2451-1-87	Sheet 2
-----------------------------	--------------------	---------

2.2 For the flap flexible shaft with 1,000 or more hours time in service on the effective date of this AD, within 100 hours time in service after the effective date of this AD perform torque inspection, replace the flap flexible shaft if required, and seal the fitting and the connection area of the flap flexible shaft in accordance with SB.

2.3 When the flap flexible shaft is replaced or reinstalled after the torque check in accordance with paragraph 2.1 or 2.2, ensure that no bend radius throughout the length of the shaft between Wing Station(W.S.)2370 and 2910 is less than 220 millimeters(8.7inches).

2.4 Alternate means of compliance with this AD may be used, if approved by the Director of Civil Aviation Bureau of Japan.

Note 1:  
Compliance with the paragraph 2.1.2 is not necessary for the flap flexible shaft for which the torque inspection per SB is performed at the occasion of sealing required by the 2.1.1 and the torque value of which is within the required value described in the SB.

Note 2:  
Compliance with the requirements of this AD is not required when new flap flexible shaft is installed and sealed, regardless of the time in service of the flap flexible shaft.

Note 3:  
Refer to Mitsubishi MU-2 Service Bulletin No. 162A dated October 3, 1974 or later JCAB approved revisions with respect to installation of the flap flexible shaft.

3. Remarks

3.1 This AD amends AD No. TCD-2451-85 dated April 12, 1985.

3.2 This AD becomes effective on May 1, 1987.

3.3 Mitsubishi MU-2 Service Bulletin No. 198, dated February 13, 1985 pertains to this subject.