

KU-KEN- 93

No.TCD-1001A-1-80

Date Feb. 15,1980

Japan Civil Aviation Bureau

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

Mitsubishi Model

1. Applies to: MU-2B/-10/-15/-20/-25/-26: S/N 055 thru 347
MU-2B-30/-35/-36: S/N 501 thru 696
(Except S/N 313, 321, 652, 661 and aircraft complied
with Mitsubishi MU-2 Service Recommendation No. 060.)

2. Compliance required as indicated

To prevent the elevator trim tab bracket from failure resulting from the wear of the bush bearing fitted into the bracket, accomplish the following unless already accomplished.

- 2.1 Immediately after the effective date of this Airworthiness Directive, and thereafter at intervals not to exceed 100 hours' time in service from the last inspection, inspect the wear of the rotating surfaces of trim tab bracket R/L and lubricate in accordance with paragraph 1 of "Instructions" of Mitsubishi MU-2 Service Bulletin No. 176 dated September 1, 1976.
- 2.2 As a result of inspection of paragraph 2.1, if the following faults (paragraph 2.2.1 and/or 2.2.2) are found, replace the trim tab bracket with the new type bracket (P/N 010A-22127) in accordance with paragraph 2 of

"Instructions" of Mitsubishi MU-2 Service Bulletin No. 176 dated September 1, 1976 or with the new type bracket (P/N 035A-22127-3) in accordance with paragraph 4 of "Instructions" of Mitsubishi MU-2 Service Recommendation No. 060 dated December 19, 1979.

2.2.1 The bush bearing is loose.

2.2.2 For the No. 1 type bracket:

The difference between maximum inner diameter of the bush bearing fitted into the trim tab bracket and minimum outer diameter of the connecting bolt is 0.012 inch or greater.

For the No. 2 type bracket:

The difference between maximum inner diameter of the bush bearing fitted into the trim tab bracket and minimum diameter of the spacer is 0.012 inch or greater.

2.3 Within the 300 hours' time in service after the effective date of this Airworthiness Directive, replace the trim tab bracket with the new type bracket (P/N 010A-22127) in accordance with paragraph 2 of "Instructions" of Mitsubishi MU-2 Service Bulletin No. 176 dated September 1, 1976 or with the new type bracket (P/N 035A-22127-3) in accordance with paragraph 4 of "Instructions" of Mitsubishi MU-2 Service Recommendation No. 060 dated December 19, 1979.

2.4 After replaced with the new type bracket (P/N 010A-22127 or P/N 035A-22127-3), repetitive inspection of paragraph 2.1 is not required.

NOTE: After replaced with the new type bracket (P/N 010A-22127 or P/N 035A-22127-3), conduct inspection and

lubrication in accordance with MU-2 Maintenance Requirement and "Lubrication Chart" in MU-2 Maintenance Manual.

3. Remarks

3.1 Effective date: March 31, 1980

3.2 Mitsubishi MU-2 Service Bulletin No. 176 dated September 1, 1976 or later JCAB approved revisions and Mitsubishi MU-2 Service Recommendation No. 060 dated December 19, 1979 or later JCAB approved revisions pertain to this subject.

3.3 Change bars in the left hand margin indicate the changes made.

3.4 This AD amends TCD-1001A-76.