

Japan Civil Aviation Bureau

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Mitsubishi models MU-2B/-10/-15/-20/-25/-26:S/N 005 thru 347
(except S/N313,321) and MU-2B-30/-35/-36:S/N 501 thru 696
(except S/N652,661)

2. Compliance required as indicated, unless already accomplished.

To prevent the fatigue failure of the nose landing gear strut assembly, accomplish the following;

2.1

For the NLG strut assembly with 4,000 or more hours time in service, within the next 200 hours time in service after the effective date of this AD, and thereafter at intervals not to exceed 200 hours time in service from the last inspection, inspect for cracks of all affected parts specified in table 1 of this AD, using magnetic particle inspection method in accordance with "Instructions" part I of Mitsubishi MU-2 Service Bulletin No. 181 dated July 12, 1979 or its later JCAB approved revisions.

2.2

For the NLG strut assembly with less than 4,000 hours time in service,

within 4,200 hours time in service and thereafter at intervals not to exceed 200 hours time in service from the last inspection, inspect for cracks of all affected parts specified in table 1 of this AD, using magnetic particle inspection method in accordance with "Instructions" part I of Mitsubishi MU-2 Service Bulletin No.181 or its later JCAB approved revisions.

2.3

If cracks are found during the inspection required by paragraph 2.1 and 2.2 of this AD, prior to further flight, replace the cracked parts with "SP" marked parts in accordance with "Instructions" part II of Mitsubishi MU-2 Service Bulletin No. 181 or its later JCAB approved revisions. The inspection of paragraph 2.1 and 2.2 is not required for the replaced parts with "SP" mark.

3. Remarks

3.1

This AD is effective on August 31,1979.

3.2

Mitsubishi MU-2 Service Bulletin No. 181 dated July 12,1979 or its later JCAB approved revisions pertain to this subject.

Table 1 : NLG Strut assembly

AIRCRAFT MODELS& STRUT ASSY PART NUMBER	MANUFACTURER'S SERIAL NUMBER OF NLG STRUT ASSY	AFFECTED PARTS
MU-2B/-10/-15/-20/-25/-26 010A-39131 010A-39131-21 010A-39131-31 010A-39131-41 010A-39131-61	A001 thru A237	<ul style="list-style-type: none"> • Outer Cylinder Assy • Axle Assy • Trunnion
	A238 and A241 thru A244	<ul style="list-style-type: none"> • Outer Cylinder Assy • Trunnion
	A239, A240, A245 and subsequent	<ul style="list-style-type: none"> • Trunnion
MU-2B-30/-35/-36 030A-39111 030A-39111-11 030A-39111-21	A001 thru A093	<ul style="list-style-type: none"> • Outer Cylinder Assy • Axle Assy • Trunnion
	A094 thru A096 and A100	<ul style="list-style-type: none"> • Axle Assy • Trunnion
	A097 thru A099 A101 and subsequent	<ul style="list-style-type: none"> • Trunnion

NOTE

Inspection and/or replacement is not required for the listed affected parts to which identification mark "SP" is applied in the vicinity of each part number because the improved parts are identified with "SP".