

KU-KEN- 170

No.TCD- 645A-70

Date ~~April 28, 1970~~

Japan Civil Aviation Bureau

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: NAMC Model YS-11 Airplanes (S/N 2 and S/N 2003 through S/N 2049) except those having incorporated NAMC Service Bulletin No. 32-138

2. Compliance required as indicated

To reduce the possibility of the failure of the torque arm lug fillet of the nose landing gear piston (P/N 41302 or 41302-3), accomplish the followings, unless already accomplished.

- 2.1 Prior to the accumulation of 7, 000 landings or within 1, 000 landings from the last dye-penetrant inspection or 1, 500 landings from the last magnetic particle inspection or zygro inspection, which is prescribed in NAMC Service Bulletin No. 32-130 dated March 2, 1970, or at the first C-check (not to exceed 600 hours time in service) after the effective date of this AD, and thereafter at intervals not to exceed 1, 000 landings from the last dye-penetrant inspection or 1, 500 landings from the last magnetic particle inspection or zygro inspection, inspect the fillet area of the torque arm lug of the nose landing gear piston (P/N 41302 or 41302-3) for cracks in accordance

with NAMC Service Bulletin No. 32-130 dated March 2, 1970 or later JCAB approved revisions.

- 2.2 Having incorporated NAMC Service Bulletin No. 32-138 dated March 27, 1970, the repetitive inspection required by paragraph 2.1 may be discontinued.
- 2.3 For the purpose of complying with this AD, the number of landings may be determined by dividing each airplane's hours' time in service by the operators' fleet average time from take off to landing.

3. Remarks

- 3.1 Effective date: May 7, 1970.
- 3.2 NAMC Service Bulletin No. 32-130, dated March 2, 1970 and No. 32-138 dated March 27, 1970 cover this subject.
- 3.3 This supersedes TCD-645-70.