

KU-KEN-640

No.TCD-565-68

Date December 17, 1968

Japan Civil Aviation Bureau

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: NAMC Models YS-11/YS-11A Airplanes equipped with the Main landing gears accumulated more than 4000 hours in service.

2. Compliance required as indicated

As cracks were found on the torque arm lug fillet of the MLG (main landing gear) outer cylinder, accomplish the followings unless already incorporated.

2.2 For the aircraft equipped with MLG outer cylinder accumulated more than 4,000 hours in service as of the effective date of this Directive, at the next C-check or within 400 hours in service whichever comes first, inspect the torque arm lug fillet of the MLG outer cylinder for cracks using dye-penetrating method and then blend it to prevent stress concentration on the affected area regardless of the indication(s) of crack(s). Inspection should be carried out in accordance with NAMC Service Bulletin No. 32-94, dated December 5, 1968, or later its revisions approved by JCAB.

2.2 If crack of more than 12 mm (0.47 in.) in length is found, remove the MLG and inspect it using the magnetic particle inspection method and then blend it.

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2.3 For the aircraft equipped with the MLG of less than 4,000 hours in service as of the effective date of this Directive, carry out the inspection specified in paragraph 2.1 and 2.2 after reaching 4,000 hours in service.

3. Remarks

3.1 Effective date: January 8, 1969

3.2 NAMC Service Bulletin No. 32-94, dated December 5, 1968 covers this subject.