

KU-KEN-25

No. TCD- 452

Date January 25, 1967

## Japan Civil Aviation Bureau

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: NAMC YS-11

2. Compliance required as indicated

As the malfunction of the main landing gear door actuating mechanism has happened because of interference of the guide and the hook with the roller, accomplish the following.

2.1 Inspect the main landing gear door actuating mechanism for compliance with the following requirements immediately.

- (1) The gap between the main landing gear roller and the main landing gear door actuating mechanism guide shall be more than 0.5 millimetre (0.02 inch).
- (2) At the position where rollers of the main landing gear just begin to enter between guides, the gap between the main landing gear roller and the main landing gear door actuating mechanism guide shall differ less than 0.5 millimetre

( 0.02 inch) between left-hand one and right-hand one.

(3) At the position of the door "full open", the hook shall stand back more than 0.5 millimetre (.002 inch) but less than 1.0 millimetre ( 0.04 inch) from the guide.

(4) The stop bolt of the door shall have no play on shaking the door by hands.

2.2 If any requirement under 2.1 shall not be complied with, make adjustment prior to further flight.

2.3 Repeat the inspections required under 2.1 and the adjustment required under 2.2 in every "C" check and in any case something has been done to the main landing gear and the door actuating mechanism.

3. Remarks:

3.1 Effective date : January 25, 1967

3.2 NAMC Service Bulletin No. A32-63 covers this subject.