

KU-KEN- 323

No.TCD- 767-71

Date July 30, 1971

Japan Civil Aviation Bureau

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Main landing gear actuating cylinders, P/N 151100-2 or -3 (Serial Numbers 5 through 589) on NAMC Model YS-11 and -11A series airplanes

2. Compliance required as indicated

To prevent possible malfunction of main landing gear retracting system due to fatigue crack originating from a hole on the piston rod of the actuating cylinder, accomplish the following within the next 1000 hours time in service after the effective date of this AD, unless already accomplished, for the actuating cylinders which have accumulated 2000 hours time in service on the effective date of this AD, or prior to the accumulation of 3000 hours time in service for the actuating cylinders which have not accumulated 2000 hours time in service on the effective date of this AD.

- (a) Among the actuating cylinders, S/N 5, 6, 16, 17, 22, 28~30, 37, 38, 40~43, 48~52, 54~57, 64~66, 78, 80, 86, 87, 90, 94, 95, 103~106, 109, 111~114, 120, 124, 127~129, 132, 135, 152, 176, 185, 187, 193, 197, 200, 201, 206, 208, 209, 213, 216, 226, 242, 246, 251, 259, 261, 265, 267, 269, 271~273, 280, 290, 296, 299, 315~317, 327~329, 334, 340, 342, 391, 398, 399 and 407,
 - i) discard an actuating cylinder if it has two plug holes on the piston rod and install an actuating cylinder modified in accordance with subparagraph ii) of this paragraph or paragraph (b), or an actuating cylinder not affected by this AD, or

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<p>ii) if there is one hole on the piston rod, modify the actuating cylinder in accordance with Teijin Seiki Service Bulletin No. 28, approved on July 17, 1971, or later JCAB approved revision or replace with the actuating cylinder not affected by this AD.</p> <p>(b) For actuating cylinders other than those mentioned in paragraph (a) of this section, modify them in accordance with Teijin Seiki Service Bulletin No.29, approved on July 17, 1971, or later JCAB approved revision or replace them with the actuating cylinders not affected by this AD.</p> <p>(c) Upon installation of a serviceable actuating cylinder in accordance with paragraph (a) or (b) of this section, check main landing gear operation.</p>		
<p>3. Remarks</p> <p>3.1 Effective date; August 2, 1971</p> <p>3.2 Teijin Seiki Service Bulletin No. 28 and 29 and NAMC Service Bulletin No. 32-165, approved on July 24, 1971 refer to this subject.</p>		