

KU-KEN-1251

No.TCD-2650-86

Date November 25, 1986

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to : NAMC Model YS-11/-11A series airplanes

2. Compliance is required as indicated, unless already accomplished.

To prevent possible failure of engine low torque switch that could lead to propeller auto-feather during flight, accomplish the following.

2.1. Within 100 hours time in service after the effective date of this AD or within 10 days after the effective date of this AD, whichever occurs first, conduct inspections, and replacement if necessary, in accordance with paragraphs 2.1.1~2.1.3.

2.1.1. Visually inspect flare condition of pin, which attaches a bridge to a bridge bearing in low torque switch assembly ( P/Ns; L944739, L944743 and L944769 ), to determine whether both ends of the pin jut out from the bridge bearing and are enough flared.

2.1.2. If the ends of the pin are not found to be enough flared during the inspection prescribed in paragraph 2.1.1, inspect the flare diameters of the pin to determine whether the flare diameters exceed 3.4mm.

2.1.3. For low torque switch assemblies with the flare diameter of the pin not more than 3.4 mm, prior to next flight, replace them with serviceable ones.

2.2. For low torque switch assemblies not installed on airplanes on the

effective date of this AD, prior to their first installation on airplanes after the effective date of this AD, conduct the inspections in accordance with paragraphs 2.1.1 and 2.1.2. Low torque switch assemblies with flare diameter of the pin not more than 3.4 mm may not be installed on airplanes.

- 2.3 Alternate means of compliance with this AD may be used, if approved by the Director-General of Civil Aviation Bureau.
3. This AD becomes effective on November 26, 1986.