

KU-KI-17

No.TCD-3226-2-97

Date February 13, 1997

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: NAMC Models YS-11/-11A series airplanes.
2. Compliance required as indicated, unless already accomplished.

To prevent possible hazards in flight caused by looseness or failure of the engine mounting foot stud, accomplish the followings:

  - 2.1 For airplanes equipped with engines not accomplished Rolls-Royce Dart Service Bulletin No.Da72-521 Mod. 1919, within 150 flight hours after February 7,1990(the effective date of TCD-3226-90, KU-KEN-62), and thereafter at intervals not to exceed 250 flight hours, accomplish the following.
    - 2.1.1 Inspect for the gap between engine mount foot and engine compressor casing using a 0.004 in. feeler gauge. If the feeler gauge can be inserted more than 0.5 in. in depth at two separate positions around the mount foot, prior to further flight, replace the engine with a serviceable one.
    - 2.1.2 Inspect the engine mounting foot nuts for looseness or missing.

If up to two nuts are missing or loose, and if studs are not loose, tighten the nuts. Then inspect the engine mount foot of the engine at intervals not to exceed 10 flight hours after the nuts are retorqued. If more than 2 nuts are missing, or loose, apply the procedures specified in THE DART ENGINE MAINTENANCE MANUAL M-Da 10-YS Chapter 72-30.
    - 2.1.3 Inspect the engine mounting foot studs for looseness, pulling or

damage.

If any looseness, pulling or damage is detected, prior to further flight replace the engine with a serviceable one.

2.2 An equivalent means of compliance with the requirement of this AD may be used when approved by the Director -General of JCAB.

3. Remarks

3.1 This AD becomes effective on February 24, 1997.

3.2 The revised portions are indicated by a vertical line in the left hand margin and other portions remain unchanged. Therefore, inspections, repairs, exchanges and other requirements of the unchanged portions should be carried out in accordance with the compliance time specified in the pre-revised AD.