

KOKU-KU-KI-197

No. TCD-3796-1-2005

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Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to : NAMC Model YS-11 Series Airplanes

2. Compliance required as indicated, unless already accomplished.

To prevent the wing-structure failure due to fatigue cracks in the outer surface of lower wing panel near the main landing gear mounting area inside the nacelle between W.STA 2482 and W.STA 3334, accomplish the followings:

2.1 Accomplish PART I Modification in NAMC YS-11 Service Bulletin (SB)

No. 57-78 Rev.1 dated May 18, 2005 and later JCAB-approved revisions

before reaching 70,000 flight cycles in total or four years after February 8, 1993 (the effective date of TCD-3796-93), whichever occurs later.

2.2 For airplanes which have not been embodied the modification described in the paragraph 2.1 accomplish interim measures as follows until the modification is accomplished.

2.2.1 On airplanes operated more than 70,000 flight cycles in total on February 8, 1993, perform PART II Inspection (using low-frequency eddy current flaw detection) described in the SB before reaching 2,000 flight cycles or February 8, 1994, whichever occurs earlier.

2.2.2 On airplanes operated less than 70,000 flight cycles in total on February 8, 1993, perform PART II Inspection described in the SB before reaching 70,000 flight cycles or February 8, 1994, whichever occurs later.

2.2.3 After completion of the inspection described in the paragraph 2.2.1 or 2.2.2 of this AD, repeat the inspection at interval not to exceed 2,000 flight cycles.

2.2.4 If cracks are found by the inspection, prior to further flight, accomplish

the PART I Modification.

2.3 An alternative method of compliance with this requirement of this AD may be used, if approved by the Director-General of JCAB.

3. Remarks

3.1 This AD becomes effective on June 22, 2005.

3.2 This directive revises a part of TCD-3796-93 (effected on February 8, 1993). The revised portions correspond to the underlined parts of this directive, and the parts without underline are non-revised portions. Therefore, carry out inspection, repair, exchange, alteration, etc. on the basis of the enforcement time set in the pre-revised directive regarding non-revised portions.

3.3 NAMC YS-11 Service Bulletin No. 57-78 Rev.1 dated May 18, 2005 and later JACB-approved revisions pertain to this subject.

This is the English translation. In case of any difficulty, refer to the Japanese original text.