

KU-KI- 144

No.TCD- 3796 - 93

Date February 2, 1993

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.STA2482 and W.STA3334, accomplish the followings:

2.1 Accomplish PART I Modification in NAMC YS-11 Service bulletin (SB) No. 57-78 dated JAN.8,1993 approved by JCAB before reaching 70,000 flight cycles in total or four years after the effective date of this AD, 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 the effective date of this AD, perform PART II Inspection (using low-frequency eddy current flaw detection) described in the SB before reaching 2,000 flight cycles or one year after the effective date of this AD, whichever occurs earlier.

Japan Civil Aviation Bureau	No.TCD - 3796 - 93	sheet 2/2
<p>2.2.2 On airplanes operated less than 70,000 flight cycles in total on the effective date of this AD, perform PART II Inspection decribed in the SB before reaching 70,000 flight cycles or one year after the effective date of this AD, whichever occurs later.</p> <p>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 intervals not to exceed 2,000 flight cycles.</p> <p>2.2.4 If cracks are found by the inspection,prior to further flight, accomplish the PART I Modification.</p> <p>2.3 An alternative method of compliance with the requirement of this AD may be used if approved by the Director-General of JCAB.</p>		
<p>3. Remarks</p> <p>3.1 This AD becomes effective on February 8, 1993.</p> <p>3.2 NAMC YS-11 Service Bulletin No.57-78 dated January 8, 1993 pertains to this subject.</p>		