

KU-KEN- 896

No.TCD -2589-1-87

Date July 15, 1987

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Kawasaki BK117 Series Helicopters with tail rotor blade P/N 117-31742 S/N 63 through S/N 82

2. Compliance required as indicated, unless already accomplished.

To prevent separation of erosion protective shell of tail rotor blades due to possible improper bonding, accomplish the following:

- 2.1 For tail rotor blades with less than 5 hours time in service on the effective date of this AD, replace the blades with serviceable ones before further flight in accordance with KAWASAKI BK117 Maintenance Manual (hereinafter referred to as MM), paragraph 34-3 and 34-5.
- 2.2 For tail rotor blades with more than or equal to 5 hours time in service on the effective date of this AD, before each flight, inspect erosion protective shell of the blades for separation in accordance with MM, paragraph 34-2, step 2, "Inspect metal parts for separation".
- 2.3 In the above inspection, if bonding separation exceeds permissible limits prescribed in paragraph 34-2 of MM, before further flight, replace the affected blade with serviceable one in accordance with MM, paragraph 34-3 and 34-5.
- 2.4 Tail rotor blades in stock (P/N 117-31742 S/N 63 through S/N 82) with less than 5 hours time in service on the effective date of this AD, must not be installed.
- 2.5 Alternate means of compliance with this AD may be used, if approved by Director-General of Japan Civil Aviation Bureau.

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<p>3. Remarks</p> <p>3.1 This AD amends AD No. TCD-2589-86 dated July 30, 1986.</p> <p>3.2 This AD becomes effective on August 15, 1987.</p> <p>3.3 Kawasaki Service Bulletin KSB-117-027A dated June 30, 1987 or later JCAB approved revisions pertain to this AD.</p>		