

KOKU-KU-KI-634

No. TCD-6982-2006

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Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to : Kawasaki Model BK117, BK117A-3, BK117A-4, BK117B-1, BK117B-2 and BK117C-1 helicopters

2. Compliance required as indicated, unless already accomplished.

To prevent the fatigue failure of the flight control system, accomplish the following.

2.1 Within 30 days after the effective date of this AD, change the life limits of Hinged Support Assy (P/N:117-421241, 117-421251, 105-42124 and 105-42125) and Bearing Bracket (P/N:117-421331 and 105-42123) in accordance with Kawasaki Service Bulletin No.KSB-117-266A dated September xx, 2006 or later JCAB-approved revisions (hereinafter referred to as SB).

2.2 After the effective date of this AD, Hinged Support Assy (P/N:117-421241, 117-421251, 105-42124 and 105-42125) and Bearing Bracket (P/N:117-421331 and 105-42123) must be replaced before the flight-hours of these parts reach 2100 hours in accordance with the SB.

If the flight-hours of the affected parts have already exceeded 1800 hours at the effective date of this AD, the parts must be replaced within the following applicable time limit.

2.2.1 The parts of which flight-hours are more than 1800 hours and up to 2100 hours inclusive must be replaced within the next 300 flight-hours or before reaching 2300 flight-hours, whichever comes first.

2.2.2 The parts of which flight-hours are more than 2100 hours and up to 2400 hours inclusive must be replaced within the next 200 flight-hours or before reaching 2500 flight-hours, whichever comes first.

2.2.3 The parts of which flight-hours are more than 2400 hours and up to 2800 hours inclusive must be replaced within the next 100 flight-hours or before reaching 2800 flight-hours, whichever comes first.

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

3. Remarks

3.1 This AD becomes effective on September 20, 2006.

3.2 Kawasaki Service Bulletin No.KSB-117-266A dated September 15, 2006 and later JCAB-approved revisions pertain to this subject.