

KOKU-KU-KI-1125

No. TCD-6590-2005

Date of Issue: April 13, 2005

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

2. Compliance is required as indicated, unless already accomplished.

To prevent the detachment of the balance weight from the main rotor blade (blade) which could result in the excessive vibration, accomplish the following.

2.1 Within 4 weeks after the effective date of this AD, perform the visual inspection of main rotor blades and check the historical record of the main rotor blades in accordance with Kawasaki Service Bulletin No. KSB-117-248 and No. KSB-117-248-1 or later JCAB-approved revisions (SB).

2.2 If a bolted blade is detected as a result of the inspection and the check required in paragraph 2.1, determine the flight hours of the blade since the bolting repair in accordance with the SB within 4 weeks after the effective date of this AD. Also replace the blade in accordance with the SB before exceeding the following flight hours.

2.2.1 The blade with less than 2,300 flight hours since the bolting repair must be replaced before reaching 2,500 flight hours since the bolting repair.

2.2.2 The blade with 2,300 flight hours up to and including 3,000 flight hours since the bolting repair must be replaced within the next 200 flight hours after the effective date of this AD or before reaching 3,050 flight hours since the bolting repair whichever comes first.

2.2.3 The blade with more than 3,000 flight hours since bolting repair must

be replaced within the next 50 flight hours after the effective date of this AD.

2.3 For a blade which is identified that bolting repair has not applied as a result of the inspection and the check required in paragraph 2.1, make an entry in the historical record of the blade in accordance with the SB within 4 weeks after the effective date of this AD.

2.4 After the effective date of this AD, a bolted blade which newly installed on the helicopter shall not be used over 2,500 flight hours since the bolting repair.

2.5 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 April 18, 2005.

3.2 Kawasaki Service Bulletin No. KSB-117-248 dated March 23, 2005, No. KSB-117-248-1 dated April 4, 2005, later JCAB-approved revisions and LBA LTA D-2005-115 pertain to this subject.

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