

KOKU-KU-KI-444

No. TCD-7358A-2010

Date of Issue: September 22, 2010

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to : Kawasaki BK117C-2 helicopters

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

To prevent impairment of free movement of the flight controls by incorrectly fixed bearing, accomplish the following:

2.1 Within 50 flight hours (FH) after October 8, 2008 (the effective date of TCD-7358-2008), perform the inspection of bearing installation about right and left Bellcrank and Guidance Unit in accordance with the instructions of Kawasaki Service Bulletin No.KSB-117-295A or any further JCAB-approved revision (hereinafter referred to as SB).

2.2 After the inspection as required by paragraph 2.1, repeat the inspection as paragraph 2.1 of this AD at every periodical inspection at 600 FH or every 12-month inspection (whichever comes first).

2.3. Within 12 months after the effective date of this AD, modify the affected levers by retrofit of washers and bushings in accordance with the instructions of SB.

2.4. After modification as required by paragraph 2.3 of this AD, repeat the inspection as paragraph 2.1 of this AD at not exceeding 600 FH or 24-month (whichever comes first), instead of the inspection as required by paragraph 2.2 of this AD, in accordance with the instructions of SB.

2.5 If Bellcrank or Guidance Unit with incorrectly installed bearing is detected as a result of inspection as required by paragraph 2.1, 2.2 or 2.4 of this AD, replace applicable Bellcrank or Guidance Unit prior to further flight.

Note) Replacement of the Bellcrank or Guidance Unit does not constitute terminating action for the repetitive inspection as required by

paragraph 2.2 or 2.4 of this AD.

2.6. Installation on a helicopter of a spare lever or lever assembly that has been manufactured prior to December 16, 2009: Within 50 FH after installation, but not before accumulating 10 FH after installation, accomplish a one-time inspection of the replacement part in accordance with the instructions of SB. If Bellcrank or Guidance Unit with incorrectly installed bearing is detected as a result of this inspection, replace applicable Bellcrank or Guidance Unit prior to further flight.

Note) Installation on a helicopter of a spare lever or lever assembly that has been manufactured prior to December 16, 2009 is prohibited after April 12, 2011.

2.7 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 October 6, 2010.

3.2 This AD supersedes the AD No. TCD-7358-2008 dated September 24, 2008.

3.3 Kawasaki Service Bulletin No.KSB-117-295A dated April 20, 2010 and later JCAB approved revisions pertain to this subject.