

KOKU-KU-KI-529

No. TCD-6962-2006

Corrected

Date of Issue: August 14, 2006

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 the damage on Tail Rotor Drive Shaft system, accomplish the following.

2.1 Before the next flight after the effective date of this AD, insert a copy of Attachment of this AD into the applicable "OPERATIONAL LIMITATIONS" section in the Flight Manual.

2.2 Within 50 flight-hours or within 30 days after the effective date of this AD, whichever is earlier, accomplish the following:

2.2.1 Replacement of Main Transmission (MGB) bolts on the Tail Rotor Output Flange

If the P/N of MGB bolts are 1121-31501.11, replace these bolts with the bolts, P/N B651M0003201 in accordance with Kawasaki Service Bulletin No.KSB-117-277 dated August 11, 2006(hereinafter referred to as SB.).

In case the P/N of MGB bolt is marked (re-identified) by vibro-pen as B651M0003201, it has to be replaced.

2.2.2 Replacement of Long Drive Shaft attaching bolts

If the P/N of Long Drive Shaft bolts are P/N1121-31501.13,replace these bolts with the bolts, P/N B651M0004201 in accordance with SB.

2.2.3 Replacement of Intermediate Gear Box (IGB) bolts on the Input Flange

If the P/N of IGB bolts are P/N 4639 310 053 or 4639 310 067, replace these bolts with the bolts, P/N B651M0003201 in accordance with SB.

In case the P/N of IGB bolt is marked (re-identified) by vibro-pen as B651M0003201, it also has to be replaced.

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 August 21, 2006.

3.2 Kawasaki Service Bulletin No.KSB-117-277 dated August 11, 2006 and later JCAB approved revisions pertain to this subject.