

KOKU-KU-KI-381

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Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

Applies to: Kawasaki BK117C-2 helicopters equipped with a rescue hoist assembly with part numbers (P/N) 44301-10-4 or 44301-10-7 and serial numbers from 00002 through 00285.

2. Compliance is required as indicated, unless already accomplished.
To prevent improper level winding of the cable caused by damage of the Level Wind Screw due to non-conforming machining, accomplish the following.
 - 2.1 Before next operation of the rescue hoist system after the effective date of this AD, perform measuring inspection and visual inspection of the Level Wind Screw in accordance with the instructions of Kawasaki Service Bulletin No. KSB-117-311, or any further JCAB-approved revision (hereinafter referred to as SB).
 - 2.2 If, as a result of the inspection required by paragraph 2.1, the Level Wind Screw passes both of the measuring inspection and the visual inspection, no further action is required by this AD.
 - 2.3 If, as a result of the inspection required by paragraph 2.1, the Level Wind Screw fails the measuring inspection and passes the visual inspection, perform visual inspection of the Level Wind Screw at interval not to exceed 25 cycles of the operation of the rescue hoist system in accordance with the instructions of SB.
 - 2.4 If, as a result of the inspection required by paragraphs 2.1 or 2.3, the Level Wind Screw fails the visual inspection, the Level Wind Screw must be replaced with a serviceable one in accordance with the instructions of SB before next operation of the rescue hoist system.

2.5 Even if, as a result of the inspection required by paragraph 2.3, the Level Wind Screw passes the visual inspection, the Level Wind Screw must be replaced with a serviceable one in accordance with the instructions of SB until March 31, 2010.

2.6 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 7, 2009.

3.2 Kawasaki Service Bulletin No. KSB-117-311 dated August 3, 2009 and later JCAB approved revisions pertain to this subject.