

KOKU-KU-KI-500

No. TCD-7511-1-2009

Date of Issue: September 25, 2009

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

Applies to: Kawasaki BK117C-2 helicopters equipped with part number (P/N) 410-A, lot number 208 or 1108 hook installed on P/N 44307-480 series hoist dumper of rescue hoist system.

2. Compliance is required as indicated, unless already accomplished.
To prevent fracture of the hook equipped with the rescue hoist system, result from surface irregularities and discontinuities of the hook due to improper change of material in manufacturing process, accomplish the following.
 - 2.1 Within 10 flight hours after the effective date of this AD or before the next hoist operation, whichever occurs first, inspect the hook of the rescue hoist system in accordance with the accomplishment instructions of Kawasaki Service Bulletin No.KSB-117-308B, or any further JCAB-approved revision. If the hook does not pass the inspection, any further hoist operation is prohibited until the hook will be replaced with a serviceable part.
 - 2.2 Within 30 days after the effective date of this AD, or within 1000 Cycles of the hoist since installation of the affected hook, whichever occurs first, replace the hook with a serviceable part to continue hoist operations.
 - 2.3 After the effective date of this AD, do not install the hook with P/N 410-A and identified as part of lot number 208 or 1108 on any helicopter.
 - 2.4 If a hook was removed in accordance with paragraph 2.1 or 2.2, return the hook to Kawasaki Heavy Industries, Ltd immediately.
 - 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 October 9, 2009.

3.2 This AD revises a part of TCD-7511-2009 dated July 23, 2009. The revised part corresponds to the underlined part, the part which is not underlined is non-revised part. Therefore, regarding non-revised part, execute the inspection, the repair, the exchange, the modification or etc. in the compliance time which is indicated on pre-revised AD.

3.3 Kawasaki Service Bulletin No. KSB-117-308B dated September 2, 2009 and later JCAB approved revisions pertain to this subject.