

KOKU-KU-KI-4

No. TCD-10137-2023

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Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Kawasaki BK117 C-2 helicopters, all serial numbers, equipped with a Rescue Winch System with Boom and Support Assembly having part number 44307-500.

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

To prevent loss of the load and injury to persons due to failure of the Boom and Support Assembly on the Rescue Winch System, accomplish the following.

2.1 Within 4 weeks after the effective date of this AD, determine the hoist cycles for the Boom and Support Assembly, in accordance with the instructions of Kawasaki Service Bulletin No. KSB-117-481 or any further JCAB approved revision (hereinafter referred to as SB).

2.2 Depending on the determination of the hoist cycles as required by paragraph 2.1 of this AD, within the compliance time (as applicable) as specified in Table 2.1 of this AD, and, thereafter at intervals not exceeding 3330 hoist cycles, inspect the inner and the outer surface of the Boom and Support Assembly for cracks, deformations, dents, corrosion and/or other damage in accordance with the instruction of SB.

Table 2.1 Initial inspection

Hoist cycles	Compliance time
3330 or more	Before the next hoist operation
Less than 3330	Before 3330 hoist cycles are reached

2.3 If, during the inspection required by paragraph 2.2 of this AD, any cracks, deformations, dents, corrosion and/or other damage are found, send the Boom and Support Assembly to a qualified repair shop for inspection

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and repair. 2.4 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 17, 2023. 3.2 Kawasaki Service Bulletin No. KSB-117-481 dated March 31, 2023 and later JCAB approved revisions pertain to this subject.		

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