

KOKU-KU-KI-512

No. TCD-10235-2023

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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 hook damper, having part number 44307-480-1, of rescue winch system.

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

To prevent loss of the load and injury to persons due to falling the hook off from the hook damper of the rescue winch system, caused by galling to the threaded part of the hoist hook and the threads of the hook nut, accomplish the following.

2.1 Before the next rescue winch system operation after the effective date of this AD, inspect the hook threads and the nut threads of the hook damper for damage, in accordance with the instructions of Kawasaki Service Bulletin No. KSB-117-483 or any further JCAB approved revision (hereinafter referred to as SB).

2.2 After accomplishment of paragraph 2.1 of this AD, each time the hook is assembled and/or disassembled, inspect the hook threads and the nut threads of the hook damper for damage in accordance with SB.

2.3 If, during inspection as required by paragraphs 2.1 or 2.2 of this AD, any damage is found on the hook threads or the nut threads, before next rescue winch system operation, replace both the hook and the nut in accordance with the instruction of SB.

2.4 For the spare hook damper, before installation on a helicopter or within 1 year, whichever comes first, after the effective date of this AD, inspect the hook threads and the nut threads for damage in accordance with SB.

2.5 If, during inspection as required by paragraph 2.4 of this AD, any

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| <p>damage is found on the hook threads or the nut threads, before installing the spare hook damper on a helicopter, replace both the hook and the nut in accordance with SB.</p> <p>2.6 After inspection required by paragraphs 2.1, 2.2 or 2.4 of this AD, assemble the hoist hook in accordance with the instructions of SB.</p> <p>2.7 An alternative means of compliance with this AD may be used, if approved by the Director-General of JCAB.</p> | | |
| <p>3. Remarks</p> <p>3.1 This AD becomes effective on December 26, 2023.</p> <p>3.2 Kawasaki Service Bulletin No. KSB-117-483 dated December 8, 2023 and later JCAB approved revisions pertain to this subject.</p> | | |

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