

KOKU-KU-KI-1462

No. TCD-8379-1-2014

Date of Issue: March 13, 2014

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Kawasaki BK117 C-2 helicopters

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

To prevent the detachment of a person or external load from the helicopter hoist, due to an incorrect installation of retaining ring inside the damper unit, accomplish the following.

2.1 For helicopters equipped with the hook damper on the rescue winch system, Part Number (P/N) 44307-480 or P/N 44307-480-1, before the first hoist operation after March 8, 2014 (the effective date of TCD-8379-2014), or April 7, 2014, whichever occurs first, deactivate the rescue winch system in accordance with the instructions of Kawasaki Service Bulletin No. KSB-117-372A dated March 3, 2014 or any further JCAB approved revisions.

2.2 For helicopters equipped with the hook damper on the rescue winch system, P/N 44307-480 or P/N 44307-480-1, within 6 months after the effective date of this AD, modify the bonding strap unit and replace the retaining ring in accordance with the instructions of Kawasaki Service Bulletin No. KSB-117-372B dated March 10, 2014 or any further JCAB approved revisions(here in after referred to as SB).

2.3 Modification of a helicopter as required by paragraph 2.2 of this AD cancels the rescue winch system deactivation requirement of paragraph 2.1 of this AD for that helicopter.

2.4 Within 100 hoist cycles after modification as required by paragraph 2.2 of this AD, and, thereafter, at intervals not to exceed 100 hoist cycles, and, additionally, at every hoist cable change, inspect the retaining ring for correct

installation in accordance with the instructions of SB.

Note: If, during a helicopter flight, 100 hoist cycles are reached, a tolerance of 10 additional hoist cycles may be applied to the inspection interval as specified in paragraph 2.4 of this AD, provided these hoist cycles are carried out before landing.

2.5 If, during any inspection as required by paragraph 2.4 of this AD, the retaining ring is found to be damaged or installed incorrectly, contact KHI for further instructions and accomplish those instructions accordingly.

2.6 After the effective date of this AD, do not install a hook damper having P/N 44307-480 or P/N 44307-480-1, unless the unit has been previously modified in accordance with the instructions of SB.

2.7 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 March 18, 2014.

3.2 This AD revises a part of TCD-8379-2014 dated March 3, 2014. 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-117-372A dated March 3, 2014, No. KSB-117-372B dated March 10, 2014 and later JCAB approved revisions pertain to this subject.

Referenced Publications:

Kawasaki Service Bulletin No. KSB-117-372A

Kawasaki Service Bulletin No. KSB-117-372B