

KOKU-KU-KI-449

No. TCD-7483A-2010

Date of Issue: September 13, 2010

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Kawasaki BK117C-2 helicopters: Equipped with a rescue winch system with boom support Part Number (P/N) 44307-500.

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

To prevent loss of the boom and attached loads result from cracks of the boom support, accomplish the following.

- 2.1 Before next flight after April 26, 2009 (the effective date of TCD-7483-2009) and thereafter before each first flight of a day, accomplish the visual check of the boom support in accordance with Kawasaki Service Bulletin No.KSB-117-305A, or any further JCAB-approved revision (hereinafter referred to as SB).
- 2.2 Before each first rescue winch system operation of a day, accomplish the visual check of the boom support in accordance with SB in addition to the visual check as required by paragraph 2.1 of this AD.
- 2.3 Within 30 days after the effective date of this AD, accomplish the detail inspection of the boom support in accordance with SB. This detail inspection constitutes terminating action for the repetitive check as required by paragraph 2.1 and 2.2 of this AD.
- 2.4 If, during any check as required by paragraph 2.1 through 2.3 of this AD, cracks are detected within the boom support as specified in SB, before further flight, remove the affected boom support or replace it with a serviceable part.
- 2.5 After the effective date of this AD, do not install a boom support with P/N 44307-500 on any helicopter, unless it has passed the detail inspection as required by paragraph 2.3 of this AD.

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 27, 2010.

3.2 Kawasaki Service Bulletin No.KSB-117-305A dated August 20, 2010, later JCAB approved revisions and Goodrich Corporation SB 44307-500-03 Revision 2 dated April 30, 2010 pertain to this subject.

3.3 This AD supersedes the TCD-7483-2009 dated April 21, 2009.