

KOKU-KU-KI-62		No. TCD-10443-2025
<p style="text-align: right;">Date of Issue: May 23, 2025</p> <p style="text-align: center;">Japan Civil Aviation Bureau</p> <p style="text-align: center;">TAIKUSEI-KAIZEN-TSUHO</p> <p style="text-align: center;">Airworthiness Directive</p>		
<p>1. This TAIKUSEI-KAIZEN-TSUHO is issued by the Japan Civil Aviation Bureau to correct an unsafe condition in a product which is shown in paragraph 2. Aircraft owners and operators are responsible for ensuring compliance with the requirements of this TAIKUSEI-KAIZEN-TSUHO that apply to the product.</p> <p>Note 1: Legal information for Japanese operators is omitted.</p> <p>Note 2: This is the English translation. In case of any difficulty, refer to the Japanese original text.</p>		
<p>2. Applies to:</p> <p style="padding-left: 40px;">KAWASAKI BK117 C-2 helicopter, all serial numbers, equipped with a Rescue Winch System with Rescue Hoist Assembly (hereinafter referred to as “Hoist”) having part number 44301-10-4 or 44301-10-7.</p>		
<p>3. Compliance is required as indicated, unless already accomplished.</p> <p style="padding-left: 40px;">To prevent injury to human load or to person on ground due to hoist cable failure, caused by cracks formed in cable drum manufactured with a material which was produced within a specific period and, was sensitive to corrosion-induced fatigue, accomplish the following.</p>		

3.1 For Rescue Winch Systems installed on Helicopters, accomplish the following paragraph 3.1.1 through 3.1.4, if applicable,

3.1.1 Any hoist with serial numbers (hereinafter referred to as “S/N”) 40067 through 40081, 40083 through 40097 and 40100 (including those with the first character of the S/N is “0” and for which Kawasaki Service Bulletin No. KSB-117-361 (Rev. F or later) has not been implemented.), and for which the cable drum has not been replaced in accordance with 3.1.2 of this AD, at next monthly check period or 40 hoist cycles whichever comes first after the effective date of this AD, and after that, at intervals not exceeding monthly check period or 40 hoist cycles whichever comes first, inspect the cable drum for cracks in accordance with Section 9 (1) of Kawasaki Service Bulletin No. KSB-117-489A or any further JCAB approved revision (hereinafter referred to as “the SB”).

3.1.2 For the hoist with S/N specified in paragraph 3.1.1 of this AD, within 36 months after the effective date of this AD, replace the cable drum in accordance with Section 9 (2) of the SB.

3.1.3 For the hoist with S/N other than that specified in paragraph 3.1.1 of this AD, at intervals not exceeding monthly check period, 3 hoist operating hours or 100 hoist cycles, whichever comes first after the effective date of this AD, inspect the cable drum for cracks in accordance with Section 9 (1) of the SB.

3.1.4 After accomplishment of paragraph 3.1.1 or 3.1.3 of this AD, if any crack exceeding 3 mm is detected, before further flight, contact Kawasaki Heavy Industries for instructions and accomplish those instructions accordingly.

3.1.5 For the hoist with S/N listed on 3.1.1 of this AD, and replacement was accomplished according to 3.1.2 of this AD (including any hoist those

replacement have already accomplished), at intervals not exceeding monthly check period, 3 hoist operating hours or 100 hoist cycles, whichever comes first after the effective date of this AD, inspect the cable drum for cracks in accordance with Section 9 (1) of the SB.

3.2 For Spare Rescue Winch Systems, accomplish the following paragraph

3.2.1 thorough 3.2.3, if applicable,

3.2.1 Before the installation on a Helicopter after the effective date of this AD, inspect the cable drum for cracks in accordance with Section 9 (1) of the SB.

3.2.2 After accomplishment of paragraph 3.2.1 of this AD, if any crack exceeding 3 mm is detected, contact Kawasaki Heavy Industries for instructions and accomplish those instructions accordingly.

3.2.3 For S/N 40067 through 40081, 40083 through 40097 and 40100 (including those with the first character of the S/N is “0” and for which Kawasaki Service Bulletin No. KSB-117-361 (Rev. F or later) has not been implemented.), within 36 months after the effective date of this AD, replace the cable drum in accordance with Section 9 (2) of the SB.

3.3 An alternative means of compliance with this AD may be used, if approved by the Director-General of JCAB.

4. Remarks

4.1 This AD becomes effective on June 5, 2025.

4.2 Omitted. (Reporting requirement for Japanese Operators)

4.3 Kawasaki Service Bulletin No. KSB-117-489A dated April 14, 2025, and later JCAB approved revisions pertain to this subject.

4.4 Omitted. (Note for Japanese Operators)