

KOKU-KU-KI-837		No. TCD-10402-2024
Date of Issue: December 11, 2024		
Japan Civil Aviation Bureau		
TAIKUSEI-KAIZEN-TSUHO		
Airworthiness Directive		
<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>KAWASAKI BK117 C-2 helicopter.</p>		
<p>3. Compliance is required as indicated, unless already accomplished.</p> <p>To prevent loss of control of the helicopter due to wear and broken of the bolt on the tail rotor actuator that connects the cardan joint and the piston rod in the tail rotor controls (hereinafter referred to as “the bolt”), accomplish the following.</p> <p>3.1 Before next flight after the effective date of this AD, inspect the bolt for wear in accordance with Section 9 of Kawasaki Service Bulletin No. KSB-</p>		

117-488 or any further JCAB approved revision (hereinafter referred to as “the SB”).

3.2 After accomplishment of the inspection required by paragraph 3.1 of this AD, inspect the bolt for wear, at intervals not to exceed 300 flight hours or 12 months whichever occurs first, in accordance with Section 9 of the SB.

3.3 For a spare tail rotor actuator, before next flight after installation on a helicopter, inspect the bolt for wear, in accordance with Section 9 of the SB.

3.4 If a defect specified in paragraph (9) or (11) in Section 9.1 of the SB is detected during in the inspections required by paragraphs 3.1 through 3.3 of this AD, before next flight, mark the tail rotor actuator as unusable, contact Kawasaki Heavy Industries for instructions and accomplish those instructions accordingly.

3.5 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 December 13, 2024.

4.2 Omitted. (Reporting requirement for Japanese Operators)

4.3 Kawasaki Service Bulletin No. KSB-117-488 dated December 11, 2024 and later JCAB approved revisions pertain to this subject.

4.4 Omitted. (Reporting requirement for Japanese Operators)