



適航指令發布單

Airworthiness Directive Issuance Form

民航局AD編號 AD Number	CAA-2018-02-001	發布日期 Date issued	2018/2/5												
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Kawasaki BK117, BK117A-3, BK117A-4, BK117B-1, BK117B-2, , BK117C-1 and BK117C-2 helicopters.														
主旨摘要	To prevent loss of control of the helicopter due to the fatigue damage of the helical gear support (HGS) of the main rotor transmission.														
民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	設計國民航主關機構 Original Authorities <table border="0"> <tr> <td><input type="checkbox"/> FAA</td> <td><input type="checkbox"/> Germany LBA</td> </tr> <tr> <td><input type="checkbox"/> EASA</td> <td><input type="checkbox"/> CAA-NL</td> </tr> <tr> <td><input type="checkbox"/> Brazil</td> <td><input type="checkbox"/> UK CAA</td> </tr> <tr> <td><input type="checkbox"/> Transport Canada Civil Aviation</td> <td><input checked="" type="checkbox"/> Japan CAB</td> </tr> <tr> <td><input type="checkbox"/> DGAC</td> <td><input type="checkbox"/> CAA of Israel</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Other _____</td> </tr> </table>			<input type="checkbox"/> FAA	<input type="checkbox"/> Germany LBA	<input type="checkbox"/> EASA	<input type="checkbox"/> CAA-NL	<input type="checkbox"/> Brazil	<input type="checkbox"/> UK CAA	<input type="checkbox"/> Transport Canada Civil Aviation	<input checked="" type="checkbox"/> Japan CAB	<input type="checkbox"/> DGAC	<input type="checkbox"/> CAA of Israel		<input type="checkbox"/> Other _____
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	設計國AD編號 Original AD number	TCD-9082-2018													
1. 直接採用原AD之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) ____ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ 2. 使用人是否需要將AD執行結果向民航局提出報告?(Do Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)															
備註 Note	Kawasaki Service Bulletin No.KSB-117-434														
註： 1. AD內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail：adcaa@mail.caa.gov.tw Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail：adcaa@mail.caa.gov.tw															

KOKU-KU-KI-1929

No. TCD-9082-2018

Date of Issue: January 17, 2018

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Kawasaki BK117, BK117 A-3, BK117 A-4, BK117 B-1, BK117 B-2, BK117 C-1 and BK117 C-2 helicopters.

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

To prevent loss of control of the helicopter due to the fatigue damage of the helical gear support (HGS) of the main rotor transmission, accomplish the following.

2.1 After the effective date of this AD, replace the HGS before or upon reaching the applicable life limit as specified in KAWASAKI BK117 MAINTENANCE MANUAL APPROVED PAGES Rev.30, KAWASAKI BK117C MAINTENANCE MANUAL APPROVED PAGES Rev.18 or KAWASAKI BK117C-2 MAINTENANCE MANUAL APPROVED PAGES Rev.24 as applicable or later JCAB approved revisions (hereinafter referred to as ALS).

Note: Kawasaki Service Bulletin No. KSB-117-434 provides an acceptable method to determine the total time of the HGS.

2.2 Compliance with the requirements of paragraph 2.1 of this AD can be demonstrated by:

2.2.1 Revising, as follows, the maintenance program on the basis of which the Operator or the Owner ensures the continuing airworthiness of each operated helicopter:

Incorporate the airworthiness limitation of the HGS specified in the ALS, and

2.2.2 Complying with the maintenance program described in paragraph 2.2.1 of this AD.

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2.3 An alternative means of compliance with this AD may be used, if approved by the Director-General of JCAB.		
<p>3. Remarks</p> <p>3.1 This AD becomes effective on January 31, 2018.</p> <p>3.2 KAWASAKI BK117 MAINTENANCE MANUAL APPROVED PAGES Rev.30 dated January 15, 2018, KAWASAKI BK117C MAINTENANCE MANUAL APPROVED PAGES Rev.18 dated January 15, 2018, KAWASAKI BK117C-2 MAINTENANCE MANUAL APPROVED PAGES Rev.24 dated January 15, 2018, Kawasaki Service Bulletin No. KSB-117-434 dated January 15, 2018 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.