

KOKU-KU-KI-921

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Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Kawasaki BK117 C-2 helicopters: Equipped with Automatic Flight Control System (AFCS)

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

To prevent abnormal proximity to the ground, which result from unexpected descent to much lower altitude, because the automatic level-off function is erroneously triggered, accomplish the following.

2.1 Before next flight after the effective date of this AD, confirm the contents of the attachment of this AD, and insert it in front of the corresponding page of flight manual supplement 10-19 "Automatic Flight Control System(AFCS)".

Advise the contents of revision mentioned above to flight crews.

2.2 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 December 29, 2010.

3.2 Kawasaki Service News No. KSN-117-137A dated December 22, 2010 pertain to this subject.

This is the English translation. In case of any difficulty, refer to the Japanese original text.

The following information must insert to Flight Manual Supplement 10-19 “Automatic Flight Control System(AFCS)”:

**KAWASAKI BK117C-2  
FLIGHT MANUAL**

**SUPPLEMENT 10-19  
Automatic Flight Control System (AFCS)**

<b>SECTION 4    NORMAL PROCEDURES</b>
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**NOTE** :    If the pilot uses any pitch upper mode (i.e. ALT.A, ALT, IAS, V/S, G/S) of the AFCS, the pilot has to attentively monitor ground level, altimeter and label indication on PFD AFCS strip.  
If erroneous triggering automatic level-off function occurs (in case of use of ALT.A mode, autopilot does not level-off at desired altitude), the pilot has to press the “ALT” mode selector button on the APMS panel to disengage “ALT” mode that was erroneously triggered. If pilot wants to level off, pilot has to press the “ALT” mode selector button again to engage “ALT” mode when reaching the desired altitude.