KOKU-KU-KI-1105		No. TCD-7804A-2017

Date of Issue: July 11, 2017

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), except Part Number B221K2801-053.

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 the next flight after the effective date of this AD, revise the flight manual by incorporating the content of the attachment of the AD No. TCD-7804-2010 or this AD. This may be done by inserting a copy of an attachment of the AD No. TCD-7804-2010 or this AD into the flight manual.

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 July 16, 2017.

3.2 This AD supersedes the AD No. TCD-7804-2010 dated December 24, 2010.

3.3 Kawasaki Service News No. KSN-117-137A dated December 22, 2010 and later JCAB approved revisions 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)

SECTION 4 NORMAL PROCEDURES

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 AUTOMATIC LEVEL-OFF FUNCTION IS ERRONEOUSLY TRIGGERED (E.G. WHEN USING OF ALT.A MODE, AUTOPILOT DOES NOT LEVEL-OFF AT DESIRED ALT), THE PILOT HAS TO PRESS THE ALT BUTTON ON THE APMS TO DISENGAGE ALT MODE.**