

KOKU-KU-KI-279

No. TCD-7745-1-2011

Date of Issue: July 8, 2011

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Kawasaki BK117 C-2 helicopters
2. Compliance is required as indicated, unless already accomplished.

To prevent flight into terrain during flight under Instrument Flight Rules (IFR) result from an unintentional turning of the BARO rotary knobs, because the force required to turn these rotary knobs is too low, accomplish the following.

  - 2.1 Within 10 days after the effective date of this AD, identify the serial number (S/N) of the instrument control panel (ICP) P/N C19269AA installed on the helicopter.
  - 2.2 If the ICP has a S/N as listed in the attachment of this AD, before next flight, install a placard “**Single Pilot IFR operation is prohibited**” in full view of the pilots on the ICP, in accordance with the instructions of Kawasaki Service Bulletin KSB-117-325 or any further JCAB-approved revision (here in after referred to as SB), and inform all flight crews accordingly.
  - 2.3 Within 2 months after the effective date of this AD, modify the ICP in accordance with the instructions of SB, or replace the ICP with a unit having the modification standard ‘Amdt. C’ or higher.
  - 2.4 After modification of a helicopter, or replacement of the ICP, as required by paragraph 2.3 of this AD, the placard as required by paragraph 2.2 of this AD may be removed from the helicopter.
  - 2.5 From the effective date of this AD, do not install any ICP P/N C19269AA with a S/N as listed in the attachment of this AD, on any helicopter, unless

the ICP has been modified in accordance with the instructions of SB, or if the ICP has the modification standard 'Amdt. C' or higher.

2.6 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 22, 2011.

3.2 This AD revises a part of TCD-7745-2010 dated November 18, 2010. The revised part corresponds to the underlined part, the part which is not underlined is non-revised part. Therefore, regarding non-revised part, execute the inspection, the repair, the exchange, the modification or etc. in the compliance time which is indicated on pre-revised AD.

3.3 Kawasaki Service Bulletin No. KSB-117-325 dated October 28, 2010, No. KSB-117-325A dated February 1, 2011, No. KSB-117-325B dated June 14, 2011 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.

S/N		
E0034	E1271	E1972
E0055	E1391	E2041
E0066	E1434	E2117
E0081	E1462	E2156 through E2400 inclusive
E0097	E1486	
	E1490	
E0252	E1529	
E0456	E1582	
E0467	E1730	
E1029	E1849	
E1117	E1874	
E1179	E1891	

Note: ICP P/N C19269AA with serial numbers E2401 through E2999 have been modified in accordance with the requirements of this AD by ECD, prior to installation on a helicopter, or prior to delivery as replacement unit.