

KOKU-KU-KI-688

No. TCD-7746-2010

Date of Issue: November 30, 2010

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 a lower door bracket Part Number (P/N) B520M0002201.

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

To prevent the unintentional opening of the sliding door, accomplish the following.

2.1 Within 2 months after the effective date of this AD, accomplish the inspection of the required force to release the sliding door handles in accordance with the instructions of Kawasaki Service Bulletin No.KSB-117-323, No.KSB-117-323A or any further JCAB-approved revision (hereinafter referred to as SB).

2.2 If the required force to release the sliding door handle is less than 120N as a result of the inspection as required by paragraph 2.1 of this AD, within 2 months after the inspection as required by paragraph 2.1 of this AD, replace the lower door brackets in accordance with the instructions of SB.

2.3 If the required force to release the sliding door handle is 120N or higher as a result of the inspection as required by paragraph 2.1 of the AD, within a year after the inspection as required by paragraph 2.1 of this AD, replace the lower door brackets in accordance with the instructions of SB.

2.4 Within a month after the effective date of this AD, accomplish the inspection of the door lock roll position in accordance with the instructions of SB, unless the lower door brackets have been replaced in accordance with the instructions of SB.

2.5 If the roll can not pass the peak of the ramp of the lower door bracket safely as a result of the inspection as required by paragraph 2.4 of this AD,

before the next flight, replace the lower door brackets in accordance with the instructions of SB.

2.6 After the replacement as required by paragraph 2.2, 2.3 or 2.5 of this AD, before the next flight, accomplish the inspection of the required force to release the sliding door handles in accordance with the instructions of SB.

2.7 If the required force is less than 120N as a result of the inspection as required by paragraph 2.6 of this AD, install the rubber foam into door sealing of the sliding door in accordance with the instructions of SB.

2.8 If the required force is more than 250N as a result of the inspection as required by paragraph 2.6 of this AD, install the shim under the center arm in accordance with the instructions of SB.

2.9 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 14, 2010.

3.2 Kawasaki Service Bulletin No.KSB-117-323 dated July 29, 2010, No.KSB-117-323A dated October 29, 2010 and later JCAB approved revisions pertain to this subject.