

KOKU-KU-KI-2465

No. TCD-8779-2016

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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

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

To prevent restricting the movement range of the cyclic stick, possibly resulting in degraded control of the helicopter, due to an air inlet cover ring which detached and got stuck between the air inlet and the stick, accomplish the following.

2.1 For the helicopters, serial numbers (S/N) from 4001 up to 4039 inclusive, except S/N 4029: Within 100 flight hours (FH) after the effective date of this AD, inspect the left and right air inlet Part Number (P/N) B212M20C1005 in accordance with the instructions of section 9 of Kawasaki Service Bulletin KSB-117-408 or any further JCAB approved revision (hereinafter referred to as SB).

2.2 If, during an inspection as required by paragraph 2.1 of this AD, a loosened cover ring is found, before next flight after that inspection, accomplish applicable corrective actions in accordance with the instructions of section 9 of SB.

2.3 If, during an inspection as required by paragraph 2.1 of this AD, no loosened cover ring is found, within 400 FH or within 9 months, whichever occurs first after the effective date of this AD, inspect and concurrently modify the installation of each air inlet cover ring in accordance with the instructions of section 9 of SB.

2.4 For all helicopters: Do not install an air inlet P/N B212M20C1005, as required by paragraph 2.4.1 or 2.4.2 of this AD, as applicable, unless the air inlet has been reworked and marked in accordance with the

instructions of section 9 of SB

2.4.1 For a helicopter that, on the effective date of this AD, has an air inlet P/N B212M20C1005 installed: After modification of the helicopter as required by paragraph 2.2 or 2.3 of this AD.

2.4.2 For a helicopter that, on the effective date of this AD, does not have an air inlet P/N B212M20C1005 installed: From the effective date of this AD.

2.5 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 14, 2016.

3.2 Kawasaki Service Bulletin No.KSB-117-408 dated June 27, 2016 and later JCAB approved revisions pertain to this subject.