

KU-KI-1036

No.TCD-4605A-97

Date November 4, 1997

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory

1. Applies to : Kawasaki Heavy Industries (KHI) Model BK117

Series Helicopter

2. Compliance required as indicated, unless already accomplished.

To prevent failure of the vertical fin and subsequent loss of control of the helicopter, accomplish the following paragraphs 2.1-2.4.

2.1 Prior to further flight after May 12, 1997(the effective date of AD No.TCD-4605-97(KUKI-496)), and thereafter at intervals not to exceed 100 hours time-in-service, visually inspect the vertical fin for cracks, loose rivets, or other anomalies in accordance with the Kawasaki Service Bulletin (SB) No. KSB-117-129 dated April 30, 1997, or further JCAB approved revisions.

2.2 If the inspection required by paragraph 2.1 of this AD reveals anomalies, prior to further flight, take an appropriate action in

accordance with a JCAB approved method, and report the following items to the Director, Airworthiness Division, Japan Civil Aviation Bureau.

- a) Helicopter Model Number and Serial Number
- b) Nomenclature and Part Number of the Part containing the anomalies
- c) Summary of anomalies (Location and the length of the crack, etc.)
- d) Total time-in-service of the vertical fin

2.3 Within next 600 flight hours after the effective date of this AD but no later than July 31, 1998, perform the inspection described in paragraph 2.1 of this AD and ensure that there is no anomaly on the vertical fin. And modify the vertical fin in accordance with SB No. KSB-117-129A dated September 17, 1997. After the modification, repeat the inspection described in paragraph 2.1 of this AD at intervals not to exceed every 300 flight hours.

2.4 Alternate means of compliance with this AD may be used if approved by the Director-General of Civil Aviation Bureau.

3. Remarks

3.1 This AD becomes effective on November 20, 1997.

TCF-50-001-2E

3.2 KHI Service Bulletin No. KSB-117-129 dated April 30, 1997, or further JCAB approved revisions pertains to this subject.

3.3 This AD supersedes AD No. TCD-4605-97 dated May 12, 1997.