

KU-KI-496

No.TCD-4605-97

Date May1,1997

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 2.1-2.3.

2.1 Prior to further flight , 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-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 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 May 12, 1997.

3.2 KHI Service Bulletin-117-129 dated April 30, 1997, pertains to this subject.