

KU-KEN- 167

No.TCD- 1158-75

Date March 19, 1975

## Japan Civil Aviation Bureau

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Fuji FA-200-180 with McCauley Model B2D34C53 propeller hub installed

2. Compliance required as indicated

To prevent an in-flight hub failure, accomplish the following paragraph a, through d, unless already accomplished.

- a. McCauley model B2D34C53 propeller hub should be retired from service prior to reaching 1,000 hours total time in service.

However propeller hub with more than 975 hours total time in service at the effective date of this AD may be used for another 25 hours time in service if the hub has been dye penetrant inspected for cracks at the hub outer surface of hub socket, paying particular attention to hub rear surface and visually inspected for cracks before each flight with minimum 5 power magnifying glass.

Propeller hub with more than 1,000 hours total time in service should not be used in acrobatic or utility category or in pilot training.

Propeller hub with not more than 975 hours total time in service at the effective date of this AD should be dye penetrant inspected for cracks at the hub outer surface of hub socket before accumulating 975 hours total time in service and may be used thereafter until accumulating

1,000 hours total time in service if visually inspected for cracks before each flight with minimum 5 power magnifying glass.

b. Propeller hub found to be cracked as a result of inspection in accordance with paragraph a, of this AD must be replaced with serviceable hub.

c. The aircraft may be flown without spinner and spinner bulkhead to accommodate easier preflight visual inspection.

In this case, the aircraft with cylinder head temperature gauge should have a temperature sensor at No.1 cylinder instead of No. 3 cylinder.

d. Propeller hub which has been removed from service in accordance with this AD should be attached with a tag so as not to be used in service inadvertently.

Remarks :

1. This AD is effective on March 26, 1975.
2. Fuji Service Bulletin FAS-076, dated March 18, 1975, pertains to this AD.