

58-09-02

Applies to HC-82XF-1 and -1A Propellers Installed on Cessna 180 Aircraft.

Compliance required as outlined.

There have been several reported instances of the piston guide rod P/N A-811 used in jack assembly B-804 breaking at the point where it is pinned to the A-96A fork. Failure of a guide rod will allow the particular blade to become uncontrollable. In view of the possible serious consequences resulting from vibration and the loss of control of the propeller, the following steps must be taken:

1. Inspection within 25 hours.

If item 2 will not be complied with within 25 hours of operation, remove fork pin P/N A-522 and slide the pitch change fork P/N A-96 sufficiently to completely expose the hole in push rod P/N A-811 used in jack assembly B-804. Visually inspect the exposed rod for cracks. If a crack is found, the rod should be removed from the propeller and replaced.

2. Replacement.

Prior to September 1, 1958, replace jack assembly B-804 with jack assembly B-828.

(Hartzell Service Bulletin No. 39 dated January 16, 1957, covers this same subject, and Hartzell Service Bulletin No. 47 also applies.)