

Airworthiness Directive

▶ Federal Register Information

▼ Header Information

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

AD **48-50-01**

FRANKLIN Model 6A4-150-B3 and B31 Engines

PDF Copy (If Available):

▼ Preamble Information

▼ Regulatory Information

48-50-01 FRANKLIN: Applies to All Bellanca 14-13, 14-13-2 and Universal (Stinson) 108, 108-1 Aircraft Equipped With Franklin Model 6A4-150-B3 and B31 Engines With Serial Numbers 11000 to 14000 Inclusive.

Compliance required after each 25 hours of operation.

To prevent possible cylinder base flange failure, visual inspection for cracks just above the base flange should be made every 25 hours of operation on the early type cylinders until replaced by the later type cylinders. Early type cylinders have a flat section which extends 3/8 inch to 7/8 inch from the outer edge of the base flange. On later type cylinders the flat section has been practically eliminated by extending the ribbed section close to the edge of the flange.

It is urgently recommended that early type cylinders be replaced at the earliest opportunity. (Franklin Service Bulletin No. 69 covers this same subject and offers special discounts effective through January 1949, for cylinder replacements).

This supersedes AD 48-47-02.

▼ **Footer Information**

▼ **Comments**

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