

## Airworthiness Directive

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

AD **51-28-02**

FRANKLIN Model 6V4-178 and 6V4- 200 Series Engines

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#### ▼ Preamble Information

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**51-28-02** FRANKLIN: Applies to Model 6V4-178 Series Engines Prior to Serial Number 17690 and 6V4- 200 Series Engines Prior to Serial Number 26235.

Compliance required as indicated.

To preclude the possibility of oil pump failure, oil pump gears (P/N 10673 and 17736) must be inspected at each 300 hours of operation. Excessively galled gears must be replaced. If same part numbers are used for replacements, the 300-hour inspections will still apply. If carbonitrided oil pump drive gear, P/N 19377, and oil pump driven gear, P/N 19373, are installed, no further inspection is required. When these new carbonitrided gears are installed, suffix "P" must be stamped after the serial number of the engine on the nameplate - example: No. 1700P.

(Franklin Service Bulletin No. 86, revised November 1, 1951, covers this same subject.)

This supersedes AD's 51-22-02 and 51-11-03.

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