



Airworthiness Directive

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Amendment 39-3292; AD 78-18-04

Airworthiness Directives; BENDIX: Applies to Bendix D-2000 and D-2200 Series Magnetos
PDF Copy (If Available):

▼ Preamble Information

DATES: Effective September 9, 1978.

▼ Regulatory Information

78-18-04 BENDIX: Amendment 39-3292. Applies to Bendix D-2000 and D-2200 series magnetos unless previously accomplished.

To preclude the loss of ignition, accomplish the following, excepting paragraph (e), within the time

specified below or 180 days after the effective date of this AD, whichever occurs first.

(a) Rotor-Housing Interference

Within the next 10 hours in service, for any of the following serial numbered magnetos, accomplish the "Detailed Instructions", shown in Service Bulletin No. 590A or an approved equivalent.

(1) Red nameplate magnetos exhibiting four hex. head socket cap screws as shown in Service Bulletin No. 590A, Figure 1, having S/N 5145 thru 11744, not prefixed by the letter "A" nor "R".

(2) Blue nameplate magnetos exhibiting four hex. head socket cap screws as shown in Service Bulletin Figure 1, having S/N 701001 or below, not prefixed by the letter "A" nor "R".

(b) Rear Bearing Overheating.

Within the next 10 hours in service, for any of the following serial numbered magnetos, accomplish the "Detailed Instructions", shown in Service Bulletin No. 600 or an approved equivalent.

(1) Red nameplate magnetos, S/N 3001 thru 17509 (including those identified by an "A" or "R" preceding the serial number) not exhibiting the letter "B" stamped approximately in the center of the bottom line of the nameplate.

(2) Red nameplate magnetos, S/N X2455 thru X2561 not exhibiting the letter "B" stamped approximately in the center of the bottom line of the nameplate.

(3) Blue nameplate (Bendix remanufactured) magnetos, having S/N below 806001, not exhibiting the letter "B" stamped approximately in the center of the bottom line of the nameplate.

(c) Capacitor Malfunction

Within the next 25 hours in service for red nameplate magnetos below S/N 11744, accomplish Parts I and II of Service Bulletin No. 587 or an approved equivalent unless the stamped letter "S" appears on the nameplate in or near the lower right corner. On four cylinder versions, S/N 8618 thru 9823 and on six cylinder versions, S/N 7544 thru 9823, also accomplish Part III, or an approved equivalent.

(d) Coil Retainer Plug Migration.

Within the next 25 hours in service, for red nameplate magnetos below S/N 4400, accomplish the instructions of Part 1 "Detailed Inspection" procedure for threaded tapered plug, 10-382649, Paragraph Nos. 1 and 2, of Service Bulletin No. 584B or an approved equivalent.

(e) Coil Retaining Devices

Compliance with this paragraph is required at the expiration of 24 months after the effective date of this AD or the following specific periods whichever occurs first, unless previously accomplished.

- (1) On magnetos having less than 1800 hours in service since new or last overhaul on the effective date of this AD, accomplish Paragraph (e)(3) before accumulation of 2000 hours in service.
 - (2) On magnetos having more than 1800 hours in service since new or last overhaul on the effective date of this AD, accomplish Paragraph (e)(3) within the next 200 hours in service.
 - (3) Install Bendix Coil Securing Kit, P/N 10-382939 per Service Bulletin No. 584B, Part No. 2, "Detailed Housing Modification Procedure" or Part No. 3, "Detailed Disassembly and Detailed Reassembly Instructions" as specified in Part Nos. 2 or 3 "General Instructions", or an approved equivalent.
- (f) Equivalent inspections and procedures must be approved by the Chief of the Engineering & Manufacturing Branch, AEA-210, Federal Aviation Administration (FAA) Eastern Region.
- (g) As permitted by FAR 21.197 aircraft may be flown to a base where maintenance required by this Airworthiness Directive can be accomplished.

This amendment supersedes AD **77-17-07**.

This amendment is effective September 9, 1978.

▼ Footer Information

▼ Comments