



AIRMOTIVE CORPORATION

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FAA-PMA FACILITY #PQ111NM

Service Bulletin Fuel Systems

Bulletin No.: PRS-97
Revision No.: 1
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Revised: 11/11/91

SUBJECT: OVERHAUL PERIODS FOR RS/RSA FUEL INJECTION SYSTEM COMPONENTS.

NOTE: This service bulletin restates overhaul requirements as previously established in Bendix Service Bulletin SB-318.

REASON FOR REVISION: Revision 1 clarifies overhaul requirements and adds a calendar time requirement for TBO in **ACCOMPLISHMENT INSTRUCTIONS**

1. **PLANNING INFORMATION:**

A. **EFFECTIVITY:**

All Precision Airmotive/Bendix RS/RSA fuel injection system components utilized on general aviation aircraft.

B. **REASON:**

To establish overhaul periods for items in 1.A.

C. **DESCRIPTION:**

D. **COMPLIANCE:**

E. **APPROVAL:**

F. **MANPOWER:**

G. **MATERIAL AVAILABILITY:**

H. **TOOLING:**

I. **REFERENCES:**

J. **WEIGHT AND BALANCE:**

K. **PUBLICATIONS AFFECTED:**

2. **ACCOMPLISHMENT INSTRUCTIONS:**

- A. The time between overhaul (TBO) for all fuel system components designated in 1.A. of this service bulletin is the same as the TBO specified by the engine manufacturer for the engine on which the fuel injection system is installed or ten (10) years since placed in service or last overhauled, whichever occurs first.

2. **ACCOMPLISHMENT INSTRUCTIONS:** (cont)

- B. At overhaul, the fuel servo must be calibrated and tested on a factory approved, certified flow bench.
- C. Air bleed nozzles are to be cleaned and inspected at overhaul. Reuse is permissible after satisfactory flow test.
- D. A complete overhaul is mandatory regardless of any FAR operational category when the injector or fuel system component has been subjected to a severe environment such as but not limited to:
 - (1) Engine fire, external or prolonged air intake manifold fire.
 - (2) Contaminated fuel such as water, rust, sand, etc.

Fuel that does not meet engine manufacturer's requirements may be detrimental to engine operation. If non-specified fuel is inadvertently pumped into the aircraft fuel system, contact Precision Airmotive's Product Support Department to determine if overhaul is necessary.

- (3) If any uncertainty exists regarding the need for overhaul, contact Precision Airmotive's Product Support Department, 3220 100TH ST. S.W. #E, Everett, Washington 98204, (206) 353-8181 for consultation.

NOTE: Vertical black bands in the left hand margin denote changes from previous release.