

Airworthiness Directive

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Docket No. 93-ANE-61; Amendment 39-8700; AD 93-19-04

Airworthiness Directives; PRECISION AIRMOTIVE (formerly Facet Aerospace Products (formerly Marvel-Schebler)) Model MA3, MA3A, MA3PA, MA3SPA, and MA4SPA Carburetors

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▼ Preamble Information

AGENCY: Federal Aviation Administration, DOT

DATES: Effective October 18, 1993.

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93-19-04 PRECISION AIRMOTIVE (formerly Facet Aerospace Products (formerly Marvel-Schebler)): Amendment 39-8700. Docket 93-ANE-61. Supersedes Priority Letter AD 92-15-16 issued on July 9, 1992.

Applicability: Precision Airmotive (formerly Facet Aerospace Products (formerly Marvel-Schebler)) Model MA3, MA3A, MA3PA, MA3SPA, and MA4SPA carburetors installed on but not limited to Textron Lycoming Model O-235, O-290, and O-320 series engines, and Teledyne Continental A-65, A-75, C-75, C-85, C-90, C-115, C-125, C-145, O-200, and O-300 series engines installed on but not limited to normally aspirated piston engine powered aircraft manufactured by Cessna, Piper, Beechcraft, and Mooney.

Compliance: Required as indicated, unless accomplished previously.

To prevent a disruption of fuel flow to the engine, resulting in engine power loss, engine failure, and damage to the aircraft, accomplish the following:

(a) Prior to further flight, for carburetors repaired or rebuilt from November 1, 1991, through July 15, 1992, accomplish the following:

(1) Visually inspect the float for Consolidated Fuel Systems (CFS) Part Number (P/N) CF 30-766 and remove the float if the date "10 91" is stamped on the top of the float lever arm, and replace with a serviceable float. NOTE: CFS Mandatory Service Bulletin CF-1-92, Revision 1, dated July 6, 1992, gives a listing of those known carburetors repaired or rebuilt during the suspect time period. NOTE: Guidance on replacing floats is contained in either Precision Airmotive (Facet) Aircraft Carburetor Service Manual, dated September 1984, or CFS Carburetor Float Kit Installation Instructions, CF 666-915.

(2) Floats identified with Precision Airmotive P/N 30-766 with any date stamped on the float lever arm, or CFS P/N CF 30-766 with dates 8 89, 12 89, 1 90, 2 90, 8 90, 10 90, 1 91, 2 91, 4 91, 4 92, or 7 92 stamped on the float lever arm do not need to be removed.

(b) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Engine Certification Office. The request should be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Engine Certification Office. NOTE: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the Engine Certification Office.

(c) Special flight permits may be issued in accordance with FAR 21.197 and 21.199 to operate the aircraft to a location where the requirements of this AD can be accomplished.

(d) This amendment becomes effective on October 18, 1993.

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