

**PRECISION**  
AIRMOTIVE CORPORATION  
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FAA-PMA FACILITY #PQ111NM

# Service Bulletin Fuel Systems

Bulletin No.: MSA-5

Date: 10/21/92

## SUBJECT: USE OF UNAUTHORIZED PARTS IN PRECISION AIRMOTIVE FLOAT CARBURETORS.

- A. EFFECTIVITY: This Service Bulletin is applicable to all aviation carburetors manufactured by Precision Airmotive Corporation or its predecessors, Facet Aerospace Products Company and Marvel-Schebler (Borg Warner).
- B. REASON: This bulletin has been issued to remind owners, operators, overhaulers, and repairers of Precision Airmotive Corporation aviation carburetors of the possible adverse consequences resulting from the use of **UNAUTHORIZED** parts in those carburetors.
- C. BACKGROUND INFORMATION: Precision Airmotive is aware that the FAA has issued numerous PMAs for replacement carburetor parts to manufacturers that are not associated with or licensed through Precision to manufacture and distribute those parts. We have found that there is some confusion in the field as to how and on what basis those PMA's are issued. The PMAs for those parts are based on test and analysis. This means that the approvals for the parts are based on design and performance criteria proposed by the manufacturer of those parts and accepted by the FAA. Such criteria is different from the design and performance criteria established by Precision and its predecessors, Facet and Marbel Schebler, and does not incorporate the knowledge obtained from hundreds of thousands of hours of service experience.
- D. DESCRIPTION: A Genuine Precision Airmotive Part is a part which has been manufactured by or on behalf of Precision Airmotive Corporation or one of the previous manufacturers, Facet Aerospace or Marvel Schebler, in accord with detailed FAA approved specifications, drawings and inspection requirements. Parts manufactured by others are not authorized by Precision Airmotive for use in Precision Airmotive Fuel Metering Equipment, even if such parts have FAA-PMA approval. These **UNAUTHORIZED** parts are not subject to the strict tolerances, manufacturing processes and inspections called for in Precision Airmotive specifications, drawings and inspection requirements.

- E. WARRANTY AND LIABILITY INFORMATION: The use of **UNAUTHORIZED** parts in Precision Airmotive aviation carburetors constitutes an alteration or modification of the carburetor and voids all warranties. Precision Airmotive will accept no warranty or tort liability for carburetors containing **UNAUTHORIZED** parts. Any operator and/or overhaul facility responsible for installation of **UNAUTHORIZED** parts should expect to have the sole and full liability for property damage or injury, including death, arising from any malfunction of the carburetor in which such parts are installed.
- F. PUBLICATIONS AFFECTED: The following warning will be added to Precision Airmotive overhaul manuals for MSA products:

**WARNING: The Use Of Unauthorized Parts In This Model Carburetor Can Cause Product Malfunctions Which Could Result In Damage To, Or Destruction Of, Equipment And Injury To And/Or Death Of Personnel. Use Only Precision Airmotive Corporation Replacement Parts As Specified In The Parts Breakdown Section.**