

Replaced by MSA-13
1-30-08

P-PRECISION
AIRMOTIVE CORPORATION
3220 100TH ST. SW BLDG E
EVERETT, WASHINGTON 98204
FAA-PMA FACILITY #PQ111NM

MANDATORY
Service Bulletin
Fuel Systems

Bulletin No.: MSA-1
Revision No.: 1
Date: 10/15/90
Revised: 11/11/91

SUBJECT: REPLACEMENT OF COMPOSITE FLOATS WITH METAL FLOATS

Note: This service bulletin supersedes and replaces Facet Aerospace Service Bulletin #A2-90.

This bulletin has been issued to reflect the acquisition of the Facet Aerospace product line (Marvel Schebler Aviation Carburetors) by Precision Airmotive Corporation and to clarify time of compliance for replacement of the carburetor float.

REASON FOR REVISION: Revision 1 updates **COMPLIANCE**, adds Precision Airmotive data plate information to **EFFECTIVITY** and clarifies usage for 666-915 kit.

1. PLANNING INFORMATION:

A. EFFECTIVITY:

All Marvel Schebler Aviation Carburetors

Note: A carburetor should already contain a metal float if it falls under at least one of the following categories:

- 1. The letters "MF" are stamped or etched on the lower portion of the Marvel Schebler data plate. (The letters "MF" indicate that Facet Service Bulletin #A1-84A has been complied with.

or

- 2. It has a black Facet Aerospace data plate.

or

- 3. It has a black Precision Airmotive data plate.

B. REASON:

Previous reports from the field indicate that composite floats may be absorbing fluid and sinking.

C. DESCRIPTION:

Replace the existing composite float with a metal float.

**M
A
N
D
A
T
O
R
Y**

D. COMPLIANCE:

Immediately.

Note: A sinking float may result in disruption of fuel flow to the engine, Precision Airmotive therefore considers the replacement of composite floats with metal floats mandatory. An Airworthiness Directive (A.D.) has been requested.

E. APPROVAL:

None.

F. MANPOWER:

Not applicable.

G. MATERIAL AVAILABILITY:

Metal floats are available from local distributors in kits:
666-915 For all Model MA-3 and MA-4SPA carburetors
666-916 For all Model MA4-5, MA-5 and MA-6 carburetors
666-917 For all Model HA-6 carburetors

H. TOOLING:

Not applicable.

I. REFERENCES:

Facet Service Bulletin #A1-84A, Released: 5/84

J. WEIGHT AND BALANCE:

Not applicable.

K. PUBLICATIONS AFFECTED:

Aircraft Carburetors & Parts Manual, Form # FSM

2. ACCOMPLISHMENT INSTRUCTIONS:

- A. Remove and replace the float per instructions contained in the float kit.

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