

USE OF KELLY AEROSPACE POWER SYSTEMS BRASS FLOATS IN FLOAT STYLE CARBURETORS

INTRODUCTION:

Precision Airmotive (formerly Marvel Schebler/Facet) issued Mandatory Service Bulletin MSA-1 on 10/15/90 (revised 11/11/91) to mandate the removal of metal floats from float style carburetors and replace them with newly developed advanced polymer (Delrin plastic) floats. This service bulletin did not address use of existing FAA/PMA approved floats which remained in service. On January 30, 2008, Precision Airmotive issued Mandatory Service Bulletin MSA-13 which superseded MSA-1. This bulletin once again mandated the replacement of Precision metal floats and also mandated the replacement of the Precision advanced polymer floats, requiring that a new improved Precision foam float be installed.

Mandatory Service Bulletin MSA-13 addressed the FAA/PMA approved floats by stating "This bulletin does not apply to carburetors containing floats manufactured by other FAA-PMA approved sources. Continued airworthiness instructions for those non Precision Airmotive/Facet floats should be obtained from the manufacturer". Kelly Aerospace Power Systems (KAPS) has produced a metal float (brass) since 1989 and has installed them routinely in all our overhauled units. In addition, our metal float has been supplied to the field as individual replacement parts or included in repair kits. ***The current Precision Airmotive mandatory service bulletin MSA-13 does not apply to KAPS metal floats.***

This service letter is intended to clarify the confusion pertaining to the use of FAA/PMA approved KAPS metal floats in Precision Airmotive/ Facet/Marvel Schebler float style carburetors.

PROCEDURE:

Since all aircraft with Marvel Schebler/Facet/Precision Airmotive Float Carburetors, containing floats manufactured by Precision Airmotive or Facet are affected by Mandatory Service Bulletin MSA-13, a determination must be made whether a KAPS metal float has been used. At any inspection examine the aircraft or engine logbook entries or other aircraft documentation to ascertain whether a KAPS float has been installed. ***Do not open carburetor for determination!*** If positive identification is made, it is advisable to make an appropriate logbook entry stating that "Precision Airmotive Mandatory Service Bulletin MSA-13 is not applicable, refer to Kelly Aerospace Power Systems Service Letter 027 ". If positive identification can not be made, fully comply with Precision Airmotive Mandatory Service Bulletin MSA-13.

All questions, information, or requests pertaining to mandatory service bulletin MSA-13 must be forwarded to Precision Airmotive LLC., Product Support Dept. (360) 651-8282.

Questions? Contact KAPS Customer Service at (877) 359-5355 or (334) 386-5400.