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# Service Letter

Letter No. 028

Issue Date: April 7, 2009

## USE OF KELLY AEROSPACE POWER SYSTEMS PMA'D PARTS IN CARBURETORS AND OTHER FUEL SYSTEM COMPONENTS

### INTRODUCTION:

Volare' Carburetors, LLC (formerly Precision Airmotive/ Facet/ Marvel Schebler/ Borg Warner) issued Flight Safety Service Bulletin SB-1 on February 1, 2009, the subject of which is the use of "Unauthorized" Parts in Volare' Carburetor's components. This service bulletin **did not** address use of existing **FAA/PMA approved** fuel system parts which remain in service and will continue to be sold for use in all Precision Airmotive/ Facet/ Marvel Schebler/ Borg Warner style carburetor's or other fuel system components. All Kelly Aerospace Power Systems (KAPS) fuel system parts and components have FAA/PMA approval and have operated successfully in many applications for over twenty years.

It is important to understand that **unauthorized** does not mean **unapproved**. When related to the repair, maintenance and overhaul of Precision Airmotive/ Facet/ Marvel Schebler/ Borg Warner style fuel system components, only the approval basis establishes permission to use a given part. Unauthorized means that Volare' Carburetors, LLC desires that only their parts be used in the repair, maintenance and overhaul of carburetor's built by them. An "Unauthorized" statement has no bearing as to the airworthiness or flight safety condition of any fuel system part or component. All KAPS fuel system components are FAA/PMA approved under FAR 21.303 and unless deemed unairworthy or unapproved by an action of the FAA, are fit for their designed use. **The current Volare' Carburetor flight safety service bulletin SB-1 does not apply to KAPS fuel system parts and components, including all previous, ongoing, or future repairs or overhauls..**

This service letter is intended to clarify the confusion pertaining to the use of FAA/PMA approved KAPS parts and components in Precision Airmotive/ Facet/ Marvel Schebler/ Borg Warner float style carburetor's.

### PROCEDURE:

Since Volare' Carburetors, LLC Flight Safety Service Bulletin SB-1 is advisory in nature and requires no action other than acknowledgment, this KAPS Service Letter 028 is intended to make clear how the Volare' publication affects the use of KAPS FAA/PMA fuel system components. As a subsequent advisory for users of KAPS parts, no action other than acknowledgment is necessary.

For reference, please see the Volare' Carburetors, LLC Flight Safety Service Bulletin SB-1 included as "Attachment A" to this service letter.

*All questions, information, or requests pertaining to flight safety service bulletin SB-1 must be forwarded to Volare' Carburetors, LLC, Product Support Dept. (336) 449-5054.*

*Questions regarding this service letter? Contact KAPS Customer Service at (334) 286-8551.*

## ATTACHMENT A (SL 028)



Volare Carburetors LLC  
Flight Safety Service Bulletin

Bulletin No. SB-1  
Date: February 1, 2009

### **Subject: Use of UNAUTHORIZED Parts in Volare's Float Carburetors**

1. **Applicability:** This Flight Safety Service Bulletin (SB) applies to all aviation carburetors manufactured by Volare Carburetors LLC ("Volare"), and its predecessors Precision Airmotive Corporation, Facet Aerospace Products Company, and Marvel-Schebler (Borg Warner) (all collectively referred to hereafter as "Volare Float Carburetors").
2. **Reason:** Volare is issuing this SB to remind owners, operators, over-haulers, and repairers, of Volare Float Carburetors of the possible adverse consequences resulting from the use of UNAUTHORIZED parts in Volare Float Carburetors.
3. **Background:** Some owners of Volare Float Carburetors have yet to replace superseded carburetor parts or have allowed installation of replacement carburetor parts made by various manufacturers not associated with or licensed by Volare to manufacture or distribute such replacement parts. Volare currently manufactures some carburetor parts that supersede parts made by Volare's predecessors because such superseded parts are obsolete, have been removed from service due to service difficulties, service bulletins, service letters or instructions, airworthiness directives or for other reasons. Non-Volare parts have not been designed or tested under the same performance criteria upon which FAA granted approval to Volare Float Carburetors. Volare and its predecessors have hundreds of thousands of hours of service experience with Volare Float Carburetors that the manufacturers of such replacement parts do not.
4. **Description:** Genuine Volare Float Carburetors contain only non-superseded parts manufactured by or on behalf of Volare and its predecessors in accordance with the strict tolerances, manufacturing processes and rigorous inspection requirements contained in Volare's detailed FAA-approved specifications, drawings, and inspection requirements. Because no superseded parts or parts manufactured by others meet these exacting standards, all such replacement parts are UNAUTHORIZED.
5. **Voiding of Warranty and Waiver of Liability:** The use of UNAUTHORIZED replacement parts in Volare Float Carburetors constitutes a modification and/or alteration of such aviation carburetors **voiding all warranties** express or implied, to the extent permitted by law.

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## ATTACHMENT A (SL 028)



- a. Volare **expressly disclaims any and all responsibility and liability** for any aviation carburetor containing UNAUTHORIZED parts to the extent permitted by law.
- b. The installation of UNAUTHORIZED parts in Volare Float Carburetors constitutes a **complete and total waiver** to the extent permitted by law of any and all rights the operator may have had to hold Volare responsible or liable for the malfunction or failure of such a modified and/or altered aviation carburetor.
- c. To the extent permitted by law, the owner, operator and/or overhaul facility or repairer responsible for installation of UNAUTHORIZED parts in Volare Float Carburetors shall bear the sole responsibility and full liability for any **damages of whatever nature, injury, or death** arising from any malfunction or failure of such a modified and/or altered aviation carburetor.

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