



EASA Safety Information Bulletin

SIB No.: 2009-04
Issued: 06 February 2009

Subject: **Volare Carburetors LLC (formerly Precision Airmotive, Facet Aerospace and Marvel-Schebler) Carburetor Float Failures.**

Ref. Publications: Federal Aviation Administration (FAA) Special Airworthiness Information Bulletin (SAIB) CE-06-33R1 dated 12 April 2006; Precision Airmotive Mandatory Service Bulletin MSA-13 dated 30 January 2008; and Lycoming Service Bulletin (SB) 582A dated 10 October 2008.

Description: The FAA published the referenced advisory document to alert owners, operators, repair facilities and mechanics of service difficulties with certain Volare Carburetors LLC (formerly Precision Airmotive, Facet Aerospace and Marvel-Schebler) float type carburetors. The reported conditions were the result of fuel leaking into the carburetor float, a damaged or worn float, or a damaged or worn float valve. This condition, if not corrected, can lead to loss of power due to an overly rich fuel mixture.

To address these concerns, Precision Airmotive, who manufactured these carburetors until early 2008, issued Mandatory Service Bulletin MSA-13, recommending the modification of all affected carburetors by replacing brass and advanced-polymer floats with a new foam float.

Over the past few years, there have been similar incidents reported in Europe, some of which resulted in an emergency landing and consequent loss of the aircraft.

After reviewing the available information and pending an ongoing investigation to confirm adequate reliability of the new foam floats, EASA supports the recommended actions contained in the referenced advisory documents. This SIB is published to ensure that all owners and operators of affected aircraft, registered in European Union Member States or associated countries, are aware of these recommendations.

Applicability: All Volare Carburetors LLC (formerly Precision Airmotive, Facet Aerospace and Marvel-Schebler) float type carburetors. These carburetors are known to be installed on, but not limited to, Lycoming, Teledyne Continental and Franklin reciprocating

engines, which are known to be installed on, but not limited to, aircraft certificated or validated under Part (CS, JAR, FAR) 23 or equivalent standard.

Note: This safety concern does not apply to carburetors containing floats manufactured by other FAA-PMA approved sources.

Contact:

For further information contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA.
E-mail: ADs@easa.europa.eu.

Copies of any related Precision Airmotive or Volare service publications may be obtained upon request from:

Volare Carburetors LLC, P.O. Box 44, 211 Chase Street,
Gibsonville, North Carolina 27249, United States of America,
telephone +1 336-449-5054.

No website is known to exist for Volare Carburetors at this time.

A copy of Lycoming SB 582A (containing Precision Airmotive MSA-13) can be downloaded at
<http://www.lycoming.textron.com/support/publications/service-bulletins/pdfs/SB582A.pdf>