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FAA-PMA FACILITY #PQ111NM

# Service Bulletin Fuel Systems

Bulletin No.: MSA-11

Date: 1/31/00

**SUBJECT:** AUSTRALIAN AV-GAS CONTAMINATION

**REFERENCE:** AUSTRALIAN (CASA) A.D./ GENERAL/ 80 and 81  
FUEL DE-CONTAMINATION

## **SECTION I - PLANNING INFORMATION**

### **A. EFFECTIVITY:**

All aircraft with Precision Airmotive MSA/ Facet/ Marvel-Schebler Float Carburetors which are subject of referenced A.D.s and shown to be contaminated through approved testing procedures.

### **B. REASON:**

To clarify Factory recommended action concerning MSA Float Carburetors contaminated with fuel containing Ethylene Di-Amine (EDA). EDA is known to attack brass and fluorocarbon, both of which are used in MSA Float Carburetors.

### **C. DESCRIPTION:**

Due to limited information concerning the effects of subject contamination at this time, Precision Airmotive recommends, in order to ensure the safety of the fleet, the following procedures.

#### **Precision MSA/ Facet/ Marvel-Schebler Float Carburetors:**

Replacement of Carburetor, notification of part number and serial number to CASA and, or, to Precision Airmotive, and the quarantine of the removed unit until such time as the future airworthiness of the unit can be determined.

Prior to operating engine with replacement Carburetor, verify entire aircraft Fuel delivery system has been cleaned of further contamination.

### **D. COMPLIANCE:**

Prior to next flight.

**E. MATERIAL AVAILABILITY:**

Replacement components are available through any Precision authorized distributor as listed below.

**In Australia:**

Aviall -  
Superior Air Parts  
Celsius/Hawker Pacific, Bankstown Airport (Factory Approved Warranty Repair Station)

**In New Zealand:**

Aviall  
Aeromotive Corporation

**SECTION II – ACCOMPLISHMENT INSTRUCTIONS:**

- A) Remove Carburetor from aircraft per applicable airframe / engine manual.
- B) Store removed Carburetor in safe place and inform Precision Airmotive and CASA of model number, part number, and serial number of removed unit.
- C) Ensure that entire fuel delivery system, (tanks, pumps, filters, etc.) in aircraft are free of contaminants per recommendations from airframe manufacturer, engine manufacturer and CASA, or by whatever means necessary to ensure that no additional contaminants are introduced into the carburetor.
- D) Install replacement Carburetor per applicable manuals.
- E) Hold contaminated unit until notified of disposition by CASA or Precision Airmotive.

**SECTION III – WARRANTY INFORMATION:**

- A) No warranty coverage.

**Note:** All Precision Airmotive units currently under warranty, whether installed on a factory Lycoming or Continental engine or purchased outright, must be replaced with a Precision unit to continue coverage.