PRECISION AIRMOTIVE CORPORATION

Service Information Letter - Fuel Systems

SIL MS-1

SMALL RECIPROCATING ENGINES
Model HA-6 Carbs
Issued 9-18-96

SUBJECT: NEW LUBRICANT FOR HA-6 PUMP LINKAGE RODS

REFERENCE: Precision Airmotive Corporation MSA Aircraft Carburetor Manual part number MSAFSM dated 3-30-93 and Precision Airmotive Corporation Model HA-6 Aircraft Carburetor Manual part number MSAOH-4 dated 3-30-93

PURPOSE: We have received reports of HA-6 operators experiencing throttle stiffness. In a number of cases, we determined that this was due to friction between the fuel bowl seals and the accelerator pump linkage rods. To address this condition we have approved a new lubricant for use on HA-6 linkage rods; Krytox 240 AB. Krytox is a fuel resistant fluorinated grease and will replace the silicone lubricant called out in the overhaul section of the manual.

If throttle stiffness is experienced during operation, Krytox may be applied to the carburetor while still mounted on the aircraft with the following procedure:

1. Move the throttle to the wide open position.
2. Apply a thin coating of Krytox to the two linkage rods.
3. Move the throttle through its entire travel several times to disperse the lubricant.

NOTE: Moving the throttle on an installed carburetor will operate the accelerator pump and inject fuel into the intake.

AVAILABILITY: Krytox 240 AB is manufactured by DuPont Chemical and should be available through any DuPont distributor. To locate a local source call:

In the U.S.: 1-800-424-7502
Outside the U.S.: 1-800-441-9145

CAUTION: Krytox Is Toxic, Always Follow All Warnings On Package.