

SERVICE BULLETIN 65 (MANDATORY)

SUBJECT: FACET ELECTRIC FUEL BOOST PUMP ALERT

APPLICATION: SQUARE TYPE SOLID-STATE FACET FUEL BOOST PUMPS SHIPPED WITH GLASAIR I FUEL SYSTEM KITS

DESCRIPTION: A recent engine failure incident in a Long EZ was caused by one of its Facet fuel pump's internal valves deteriorating due to exposure to avgas. The valve had worked its way out of the metal cage that normally contains the valve and had been sucked into a position that prevented fuel flow.

Similar Facet electric fuel boost pumps (with part number 480616) were shipped with early Glasair I fuel system kits. The internal valves in this pump (as well as pumps with part numbers 40023 and 480615) are made of a material that will deteriorate over time, when exposed to avgas.

NOTE: This bulletin applies only to the square type Facet fuel pumps shipped with early Glasair I fuel system kits. Glasair II kits use a cylindrical interrupter style Facet boost pump (part number 480-543), as used on Piper aircraft.

SOLUTION: Before the next flight, check the part number of your pump. If the pump has one of the following part numbers: 40023, 480615, 480616, remove the pump and replace it.

\*\*\*\*\* WARNING: COMPLIANCE WITH THIS SERVICE BULLETIN IS MANDATORY \*\*\*\*\*

Stoddard-Hamilton Aircraft has available a direct replacement pump (Facet part number 40106, S-HA stock number 330-4010-006) that we will sell to our builders for \$20.00 (plus shipping). The replacement pump has nylon valves which are unaffected by avgas (other than a slight swelling) and will not deteriorate. The \$20.00 price for the replacement pump represents only our cost to stock them; we are selling the pumps at cost because of the potential seriousness of the problem.

To order the replacement Facet electric fuel boost pump, please contact Stoddard-Hamilton Aircraft's Parts Department. This special price offer is good through May 31, 1989.

  
**STODDARD-HAMILTON**  
AIRCRAFT, INCORPORATED

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