

GLASTAR SERVICE BULLETIN 45

MANDATORY

Subject: Rotationally Molded Plastic Auxiliary Tanks

Applicability: All GlaStar kits with Plastic Auxiliary Tanks

Compliance Time: As noted below.

Discussion: During service, the plastic auxiliary tanks (201-41000-01, -02, -03 & -04) have experienced unanticipated expansion when exposed to fuel. Additionally, four tanks are known at this time to have experienced fuel leakage around the fuel outlet port fitting. These problems have led Stoddard-Hamilton to develop aluminum auxiliary tanks as direct replacements for the plastic tanks.


Recommended Action: If plastic auxiliary tanks are installed in an aircraft that is currently airworthy, these tanks must be fully defueled before further flight. The aux fuel system must not be refilled or used again until the new, aluminum tanks are installed. Installation of the new tanks will be accomplished by removing the wingtip and tip rib, sliding the old tank out, and installing the new tank in its place.

For all other aircraft, ensure that the plastic tanks have no fuel in them. Do not add fuel to these tanks for any reason. If you have not yet installed these tanks, leave the tanks themselves out of the installation and proceed with pump mounting, etc. while awaiting the new aluminum tanks.

The plastic tanks must be discarded, destroyed, or otherwise rendered unserviceable as GlaStar auxiliary tanks.

Stoddard-Hamilton will provide new aluminium aux tanks, free of charge, to all those who received the plastic tanks. All requests for replacement tanks must be received by Stoddard-Hamilton no later than December 31, 1999.

If you have purchased these tanks, please fill out the attached form and fax or mail it to Stoddard-Hamilton in order to establish delivery order for these new tanks. Alternately, you may e-mail your response to: john@stoddard-hamilton.com.

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