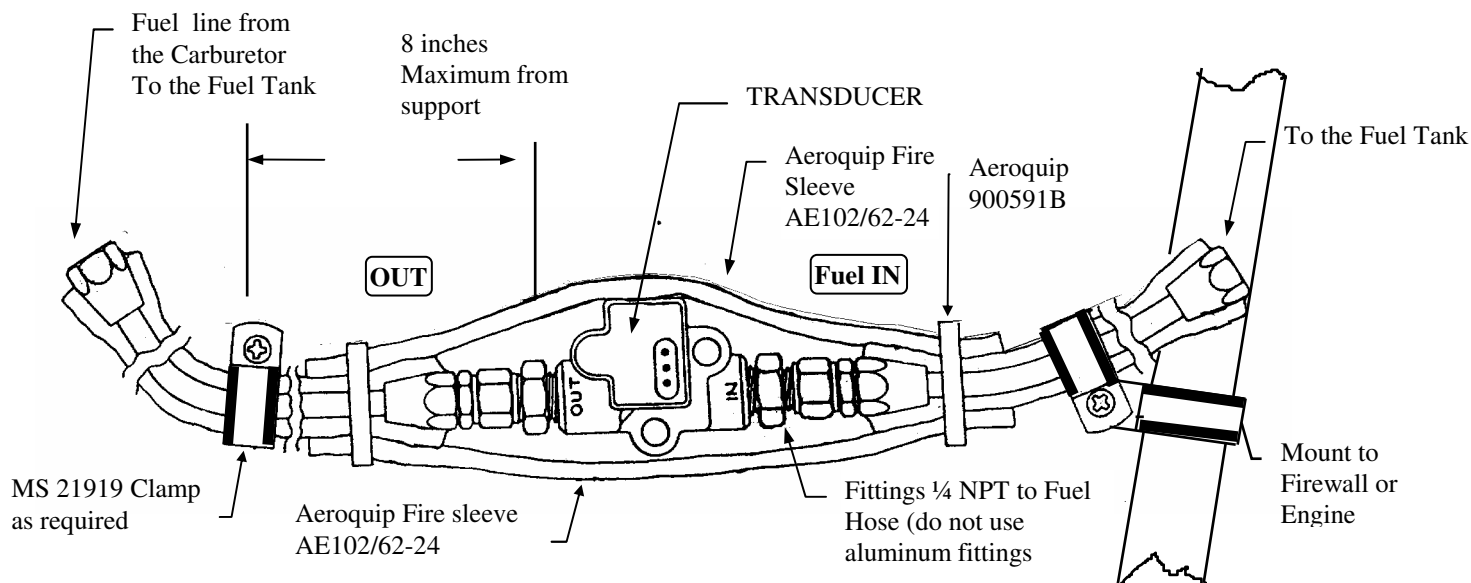


# ***J.P.Instruments Fuel Flow Installation Manual*** for EGT-701 with Fuel Flow Option

**Report # 503**  
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**Rev B : Date 03/14/97**



## **Mounting Procedure:**

1. **Find a convenient** location within 8" of a hose support or fitting and away from **any** hot exhaust pipes to suspend the Fuel Flow Transducer. The hose support or fitting may be on the input or output line of the Flow Transducer.
2. Remove the fuel hose which goes from the Carburetor to the Fuel Tank.
3. Purchase two new hoses, one from the Carburetor to the Fuel Flow Transducer and the other from the Fuel Flow Transducer to the Fuel Tank. **There must be flexible hose in and out of the Transducer.** The hoses must meet TSO-C53a Type C or D FAA specification. **The new hoses must be the same diameter as the current hose in the aircraft.**
4. Mount the Fuel Flow Transducer in the fuel supply line and in the return line for pressure carburetors. **The Flow Transducer must be wrapped with Fire Sleeveing.** Place a small hole in the fire sleeve and pass the transducer wires through it. Seal with High temperature Silicone RTV sealant.
5. Before connecting fuel hose to the carburetor , verify that the boost pump delivers at least 125% of takeoff fuel consumption at minimum fuel pressure as marked on fuel pressure gage.

## ***J.P.INSTRUMENTS***

**PO Box 7033**

**Huntington Beach CA 92646**

**Title :** Installation of a Fuel Flow Transducer in the fuel supply or return line from the carburetor to the fuel tank

**Drawing No.** 700923

**Date**  
02/14/97

**Drawn/**

**Approved**

**Rev NC**