

**Procedure 3.130A****INSTALLATION OF FUEL PICKUP**

In this procedure...

The fuel pickup block will be installed in rib A. The fuel return line will be fitted and installed if required by the engine selection.

**Material Supplied for this procedure:**

| <b><u>Part Number</u></b> | <b><u>Description</u></b> | <b><u>Qty</u></b> |
|---------------------------|---------------------------|-------------------|
| 111-32-010-01             | Plate Fuels Pickup        | 2                 |
| 111-32-054                | Finger Screen             | 2                 |
| AN832-6D                  | Union Bulkhead            | 2                 |
| AN816-6D                  | Nipple                    | 2                 |
| AN924-6D                  | Nut                       | 2                 |
| MS28775-111               | O-Ring                    | 2                 |
| 111-32-055                | Aluminum Tube             | 2                 |
| AN818-6D                  | Nut, Coupling             | 2                 |
| AN819-6D                  | Sleeve                    | 2                 |

**Step 1. INSTALL THE FINGER STRAINER AND FITTINGS IN G10 BLOCK.**

The G10 Fuel Block is installed in inboard forward rib (rib A) prior to wing closure. Apply a thin amount of Pro Seal to the threads of the Finger Strainer (PN 111-32-010-01) and screw it into the aft hole in the G10 Block. (Fig. 130.1)

**Fig. 130.1**

**Step 2. INSTALL FUEL RETURN FITTING USING G-10 BLOCK OR ALUMINUM BLOCK.**

On aircraft using engines that require fuel return lines install the Bulkhead Fitting in the remaining hole in the G10 Block. Be sure to install the O-ring (MS28775-111). Install a short piece of aluminum tubing from the Bulkhead Fitting running outboard through Rib D. Drill a hole in Rib D at approximately the same location as the return fitting in Rib A. Insert the tube through the hole and screw it onto the return fitting. Pro Seal the tube where it goes through Rib D to prevent it from chafing against the fiberglass.