



Instruction No. 7

Fuel Gage and Tank Unit Installation

Items 1178, 1518, 1267, and 1524

The present fuel gage tank unit is of very light construction, and the float arm is very easily bent. Normally, a Seabee leaving the factory is adjusted in such a manner that the fuel tank contains approximately 5 to 8 gallons of fuel when the fuel gage indicator in the cabin reads empty. If the float arm is bent during a servicing operation, which requires the removal and replacement of the tank unit, it is possible that the bend might be in such a direction that the fuel may be exhausted before the indicator reaches the empty position. This of course creates a hazardous condition. The following action should be taken to minimize the danger, when servicing or replacing the above listed items:

1. After installation, drain the tank and replace the fuel one gallon at a time until the fuel gage indicator begins to move from the empty position. If the quantity of fuel required to start the indicator moving is outside of the 5 to 8 gallon tolerance range, the tank unit should be removed and the float adjusted, being careful not to damage the linkage system, until the indicator does start to move within the specified tolerance range. Also check to make sure float arm does not bind.
2. Completely fill the tank making sufficient observations to determine that the gage calibration is reasonably accurate.