



Homedale Municipal Airport · 123 Airport Way · Homedale, ID 83628 · (208) 337-5111 · FAX (208) 337-5116

SERVICE BULLETIN #60

DATE: October 28, 2010

SUBJECT: Fuel Tank Preparation

APPLICABILITY: All Fuel Tanks produced from November 2007 – Present
Serial numbers are scribed on the inboard side of the tank.

COMPLIANCE: Mandatory

FROM: Kitfox Aircraft

It has recently come to our attention that many builders have not been rinsing their fuel tanks or have not been rinsing them thoroughly enough to assure that any residuals are removed from the inside of the fuel tanks. There are several reasons for a very thorough rinse, from simple debris in the tank to removal of any release agents. Therefore the following actions must be taken prior to installation, an engine run or the next flight.

ACTION: There are 4 different scenarios to consider:

- 1: Tanks have not been installed: Rinse aggressively a minimum of 3 times using Acetone. Use a minimum of two quarts for each rinse. Do not re-use the rinse, discard it and use new Acetone. Remove all plugs and air out the tanks completely.
- 2: Tanks have been installed but wings are not on the aircraft: If the wings are covered take the necessary precautions to not get the Acetone on the covering and paint. Rinse aggressively a minimum of 3 times using Acetone. Use a minimum of two quarts for each rinse. Do not re-use the rinse, discard it and use new Acetone. Remove all plugs and air out the tanks completely.
- 3: Tanks have been installed and the wings are on the aircraft engine has not been run: Take the necessary precautions to not get the Acetone on the covering and paint. Rinse aggressively a minimum of 5 times using Acetone/AVGAS mix. Use one half gallon of Acetone and one half gallon AVGAS for a minimum of one gallon for each rinse. Do not re-use the rinse, discard it and use new Acetone/AVGAS mix. Complete one final rinse with 1 gallon of AVGAS. Remove the caps and lightly blow compressed air through the main fuel supply line back into the tank to help evaporation and leave the tanks caps off for a minimum of 24 hours for evaporation. Replace the fuel lines and fuel filters.



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4: Tanks have been installed and the wings are on the aircraft engine has been run: Take the necessary precautions to not get the Acetone on the covering and paint. Rinse aggressively a minimum of 5 times using Acetone/AVGAS mix. Use one half gallon of Acetone and one half gallon AVGAS for a minimum of one gallon for each rinse. Do not re-use the rinse, discard it and use new Acetone/AVGAS mix. Complete one final rinse with 1 gallon of AVGAS. Remove the caps and lightly blow compressed air through the main fuel supply line back into the tank to help evaporation and leave the tanks caps off for a minimum of 24 hours for evaporation. Replace the fuel lines and fuel filters.

Remove and inspect the carburetors for any debris or discoloration. Clean the carburetors as required.

CAUTION: Proper care and protection must be taken when using Acetone. Read the labels and take the necessary precautions.

Tanks that do not have serial numbers etched in the side of the tank were manufactured prior to November 2007. Do not use Acetone in these tanks. They do need to be rinsed thoroughly but rinsing with AVGAS would be the suggested rinse media.