

## Savannah Tip No 23, Fuel Spouts;

I have found that the spouts on many fuel tanks have not been machined flat.

Consequently the fuel cap gaskets do not seal properly, and fuel is able to be sucked out of the tank during flight especially when the tanks are full.

Some of this fuel finishes up inside the wing which then results in a fuel smell inside the cabin especially when the aircraft is hangered.

The tank spouts can be sanded flat with a 180 grit sanding pad glued to a piece of glass.

Use a marking pen to mark a witness mark on the surface to be sanded so that you can tell when you have the surface flat.

If you have done the job properly you will not have any fuel stain on top of the wing after a flight with full tanks.

Be sure to prevent any of the sanding dust from getting into the fuel tank. Probably best to drain the tanks and suck the dust from the bottom of the tank with a air operated vacuum cleaner. Remember that most electric vacuum cleaners have the intake air going through the motor which could get very exciting if the intake air is full of petrol fumes.

