

Sky Sports Fuel Gage Probe Installation

Dick Cuttler (PA) - I described, to the fine folks at Sky Sports, that this installation was for a Vari-Eze and that the capacitance probe's base plate had to be mounted vertically. They suggested two 12" bendable probes and a dual indicator. I received two **un**-bendable probes and a **single** indicator. So much for that! The nice lady I dealt with said to send it all back and she would make it right. She did and I finally set to work on the installation.

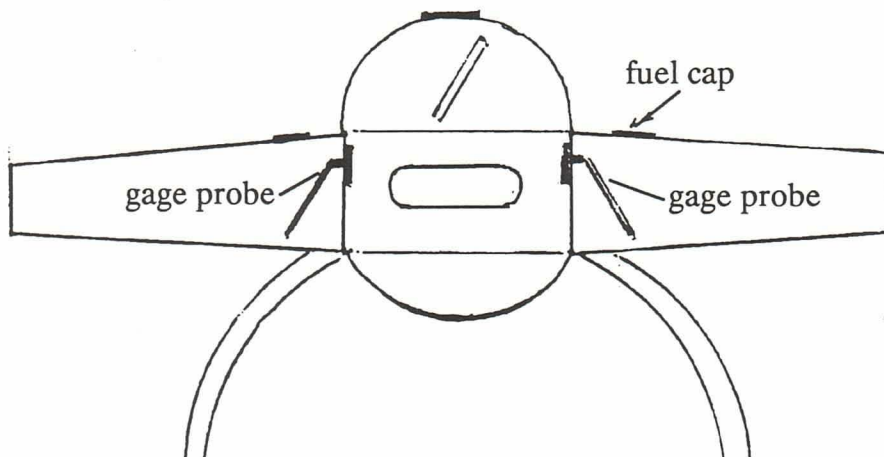
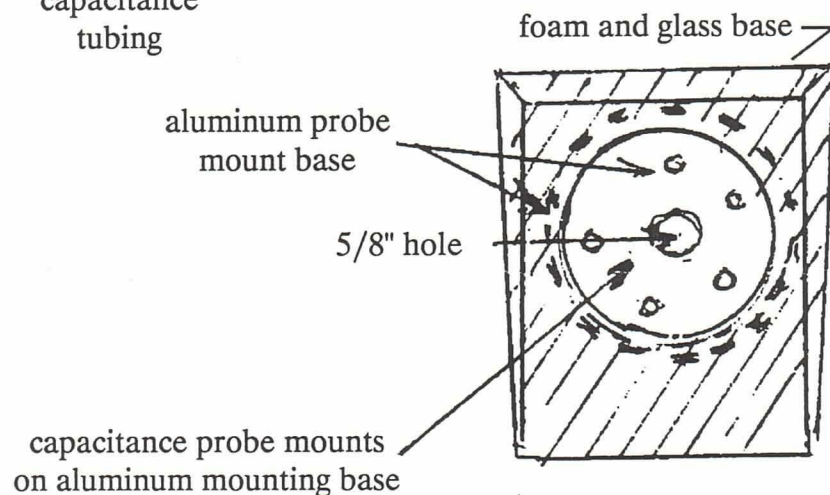
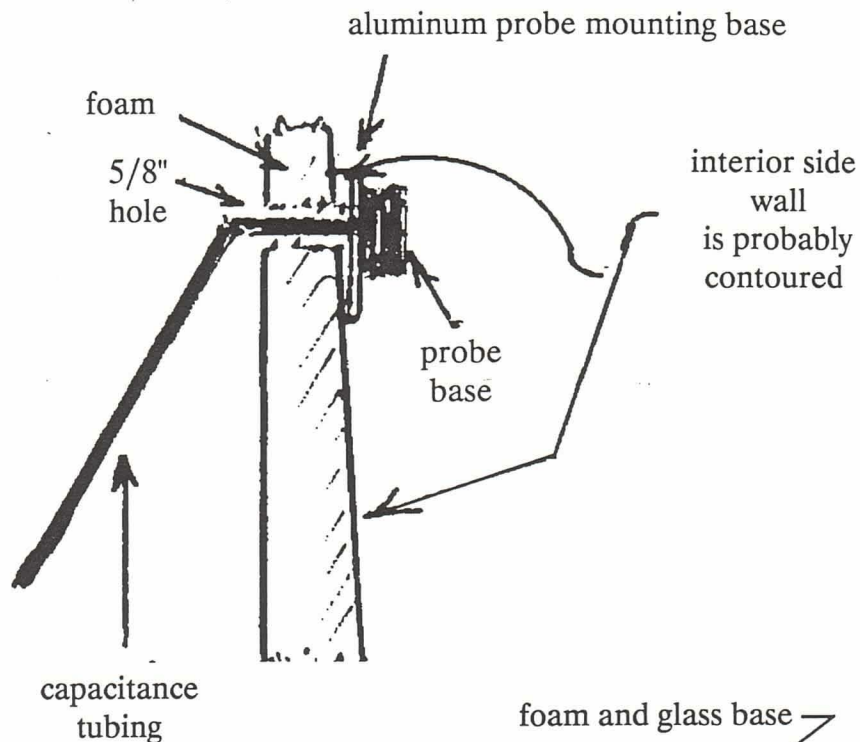
I placed my probes just slightly aft of the rear seat back which, on my airplane, is located about 8" forward of the main spar storage oval. It is made of 1/4" - 5 ply aviation grade plywood. Two 5/8" holes were drilled through the sandwich foam and glass into the tank about 1-1/2" below the top of the tank. Be sure to seal off the foam area sandwich with epoxy. It **MUST** be fuel proofed!

Construct a foam and glass foundation for the pre-drilled and tapped 1/8" aluminum probe mounting base. The probe will mount to this base later. Be sure the probe's base and the aluminum mounting base are oriented correctly when the capacitance tube is pointed down. After which, there is only one position it can be located.

I calibrated the system at empty with the appropriate pot screw, put 6 gallons in each side and adjusted the full pot to indicate 1/2 full. That is about my usual fuel load for local flying.

Oil Analysis Experience

Ian Wilde (England) - I have had several engine oil samples analyzed and have been satisfied with the service of: Engine Oil Analysis, 7820 South 70 East Avenue, Tulsa, OK, 74133, (918) 665-6464.



Enthusiasm is like having two right hands!