

Programming CFS 1002/2002 with Aircraft Useable Fuel

1. The battery compartment is located on the back of the instrument. On the CFS 1001/2002 remove the one screw attaching the instrument battery plate cover, while assuring the batteries are not lost or damaged by dropping from the instrument. Install 3 batteries (**P/N: EPX-76**) into the battery compartment (negative side facing out). Install battery plate cover.
2. While looking at the rear of the CFS 1002/2002 at the bottom center under the 3 small connectors you should see a set of 7 dip switches. Position S1 to the ON (up) position. (Note: This will put the CFS 1002/2002 into "Fill-Up" programming mode)
3. Turn the aircraft power to the instrument ON. All the digital displays on the CFS 1002/2002 should read "0" with the one on the far left flashing.
(NOTE: If aircraft useable fuel is less than 1000 gals - press the "FUNCT" button once and observe that the second digit is blinking. The first digit will be "0" and the second digit will become first digit of aircraft useable fuel)
4. Press the "SET" button to advance the blinking digit to a number equaling the first number in the aircraft useable fuel. Press the "FUNCT" button once and observe that the second digit is now blinking. Press the "SET" button to advance the blinking digit to the second number of the aircraft useable fuel. Press the "FUNCT" button once and observe that the third digit is blinking. Press the "SET" button to advance the blinking digit to the third number of the aircraft useable fuel. If needed, Press the "FUNCT" button again, this will cause the fourth and final digit to blink as did the first three digits. Press the "SET" button advancing the blinking digit of the last number of the aircraft useable fuel. Press the "FUNCT" button and note the legend "VERIFY" appears on the far right center of the display. If the figure displayed equals the aircraft's useable fuel, press the "ENTER" button. **Note: The programmed number may change or blank out. This is normal, continue with step 5.**
5. On the rear of the CFS 1002/2002 locate the S1 switch you turned ON earlier and set it to the OFF (DWN) position.
6. Cycle the aircraft power to the unit OFF and then ON again. The CFS 1002/2002 should come on and be in the "GAL.REM" mode.
7. Push the "FUNCT" button the digital display should be displaying your aircraft's useable fuel. If not, turn aircraft power OFF and repeat steps 2 – 7 again.