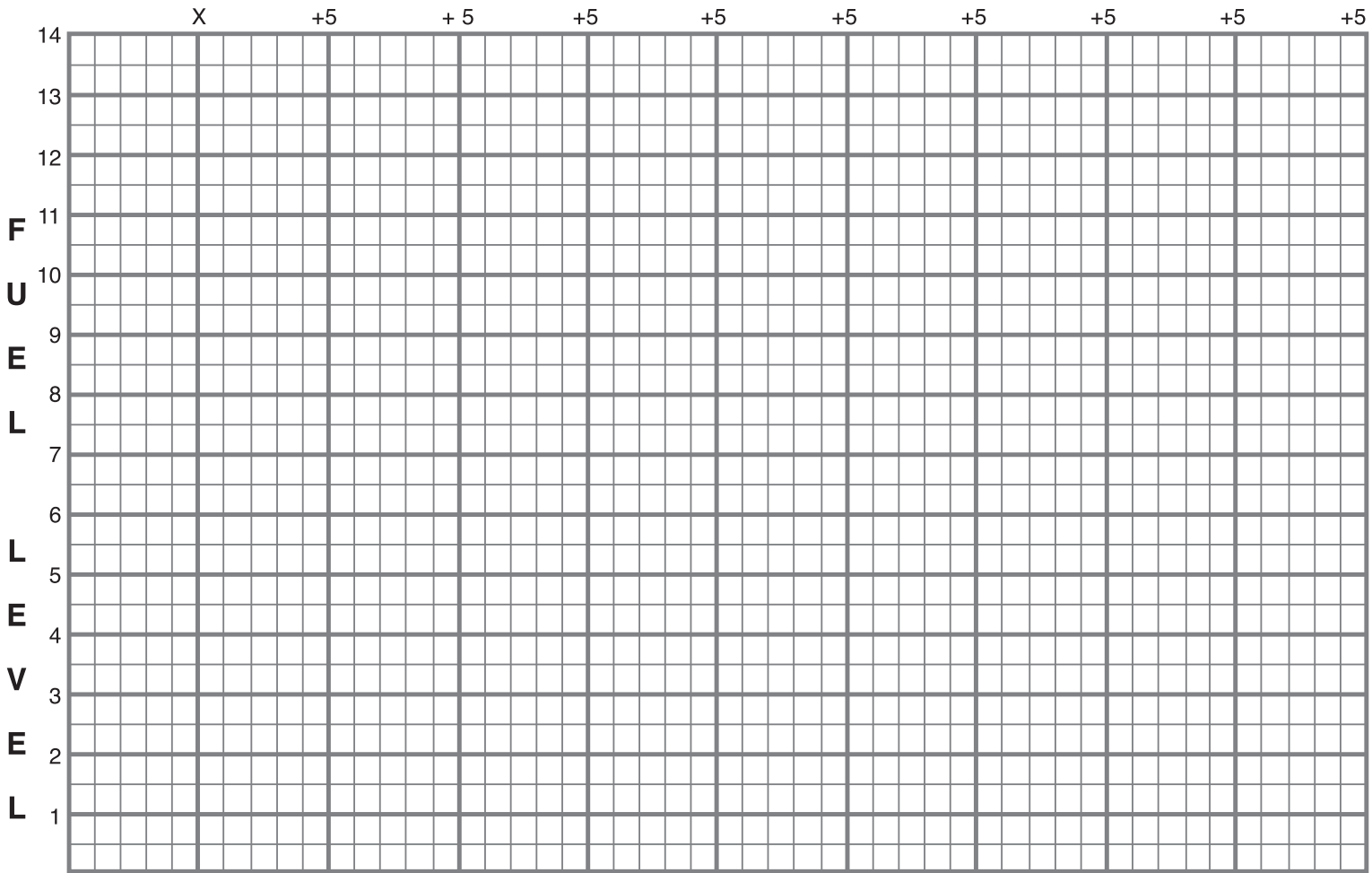


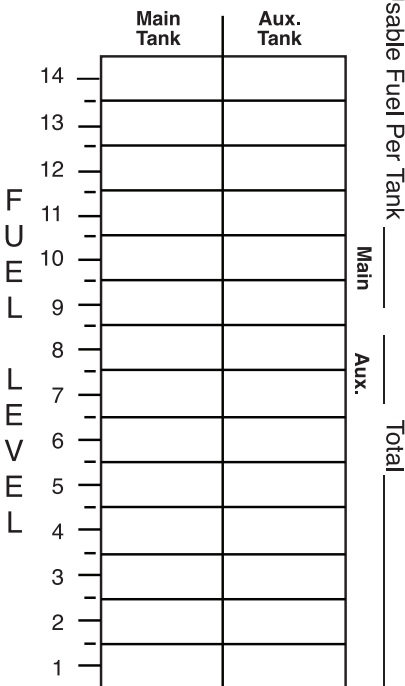
UNIVERSAL FUELHAWK

CALIBRATION GRAPH



GALLONS USABLE

GALLONS USABLE



UNIVERSAL FUELHAWK - Calibration Card

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HOW TO CALIBRATE YOUR UNIVERSAL FUELHAWK

Step 1

Park aircraft on a level place with the fuel selector in the **OFF** position to prevent cross-feeding while filling.

Step 2

Use the tank with the least amount of fuel. The nearer empty the more accurate is the calibration. Lower the "FUELHAWK" into the tank until it touches the bottom. Place finger firmly on top and withdraw the "FUELHAWK". Note the level of the fuel in the tube. If it is too low to measure, add a little. Now place a dot on the graph at that level on the X "unknown quantity" column. See (A) on sample graph.

NOTE: If your aircraft has a tank capacity of more than 50 gallons, add 10 gallons in each of the following steps and make each line on the graph represent 2 gallons.

Step 3

Add exactly 5 gallons of fuel and remeasure. Place another dot on the graph at that level on the plus 5 gallons column to the right of the X column.

Step 4

Add another 5 gallons. Remeasure and place another dot on the graph on the plus 5 gallons column to the right of the last dot. Continue adding 5 gallons and placing dots until the tank is full. The final addition may be less than 5 gallons. Note the number of gallons it takes to fill the tank and place a

dot at the full level on the column that represents the number of gallons it has taken to fill the tank. (Each line on the graph is one gallon). See (B) on sample graph.

Step 5

The full level mark is now your "Known Quantity" or gallons usable. Indicate that number on the graph opposite the full mark. Refer to your aircraft owners manual for the gallons usable in each tank.

Step 6

Draw a line from the full mark through each dot to the dot on the X column. Curve the line as is needed to make it a smooth curve. This is your fuel curve.

Step 7

Fill in the bottom of the graph starting at the full mark. Each line represents one gallon. See sample.

Step 8

Transfer the graph information to your calibration card. See sample card.

Step 9

If your aircraft has Auxiliary Tanks, repeat steps 1 through 8 using a different color pencil on the graph.

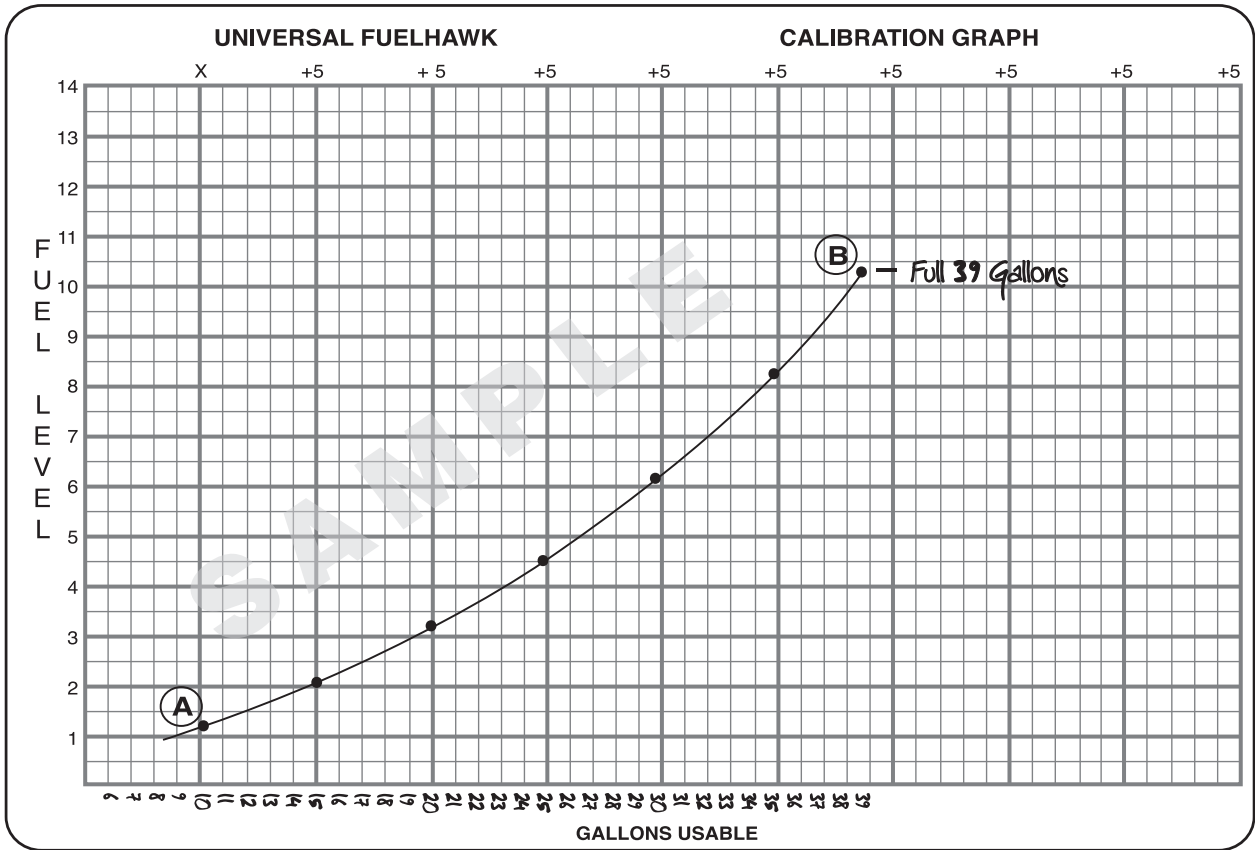
Step 10

Return fuel selector to the ON position. This completes the calibration of your UNIVERSAL FUELHAWK. Keep it and the calibration card in a handy place in the aircraft. File the graph with your aircraft papers should you ever lose the calibration card.

You now have a very accurate means of measuring fuel for all future flights. Simply check the level with your UNIVERSAL FUELHAWK and refer to the calibration card for a quick and easy read-out in gallons of usable fuel. Additional Blank Calibration Docs can be printed at www.lusoaviation.com

KEEP THIS CHART IN A SAFE PLACE WITH YOUR AIRCRAFT DOCS

CUT OUT - PROTECT IN PLASTIC / LAMINATE



GALLONS USABLE

	Main Tank	Aux. Tank
14		
13		
12		
11		
10	Full 39	
9	36 1/2	
8	34 1/2	
7	32	
6	29 1/2	
5	26 1/2	
4	23	
3	19	
2	14	
1	8	

UNIVERSAL FUELHAWK - Calibration Card

Aircraft Model 1972 CESSNA 182 - N5557A

Usable Fuel Per Tank 39 Main Aux. Total 78

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