

Test to Determine if Alcohol is in Auto gas

If you are unsure about the presence of alcohol in your automobile gasoline, the following test can be performed:

a. Using a glass or chemical resistant plastic (such as TPX) container, mark ten equally spaced volumes. A graduated cylinder is ideal; however, a non-tapered glass jar, such as a large (quart) olive bottle, will work.

b. Add one part water (approximately 100 ml) into the container, fill to the first mark, and then add nine parts (approximately 900 ml) of automobile gasoline, fill to the top mark. Shake thoroughly, let stand for 10 minutes or until automobile gasoline is again bright and clear. Record the apparent level of the line between the automobile gasoline and water.

If alcohol is present in the automobile gasoline, the water will absorb it, and the amount of water will appear to increase, indicating the automobile gasoline should not be used in the aircraft. However, if the water level remains the same, no alcohol is present in the automobile gasoline, and it can be used in the aircraft.