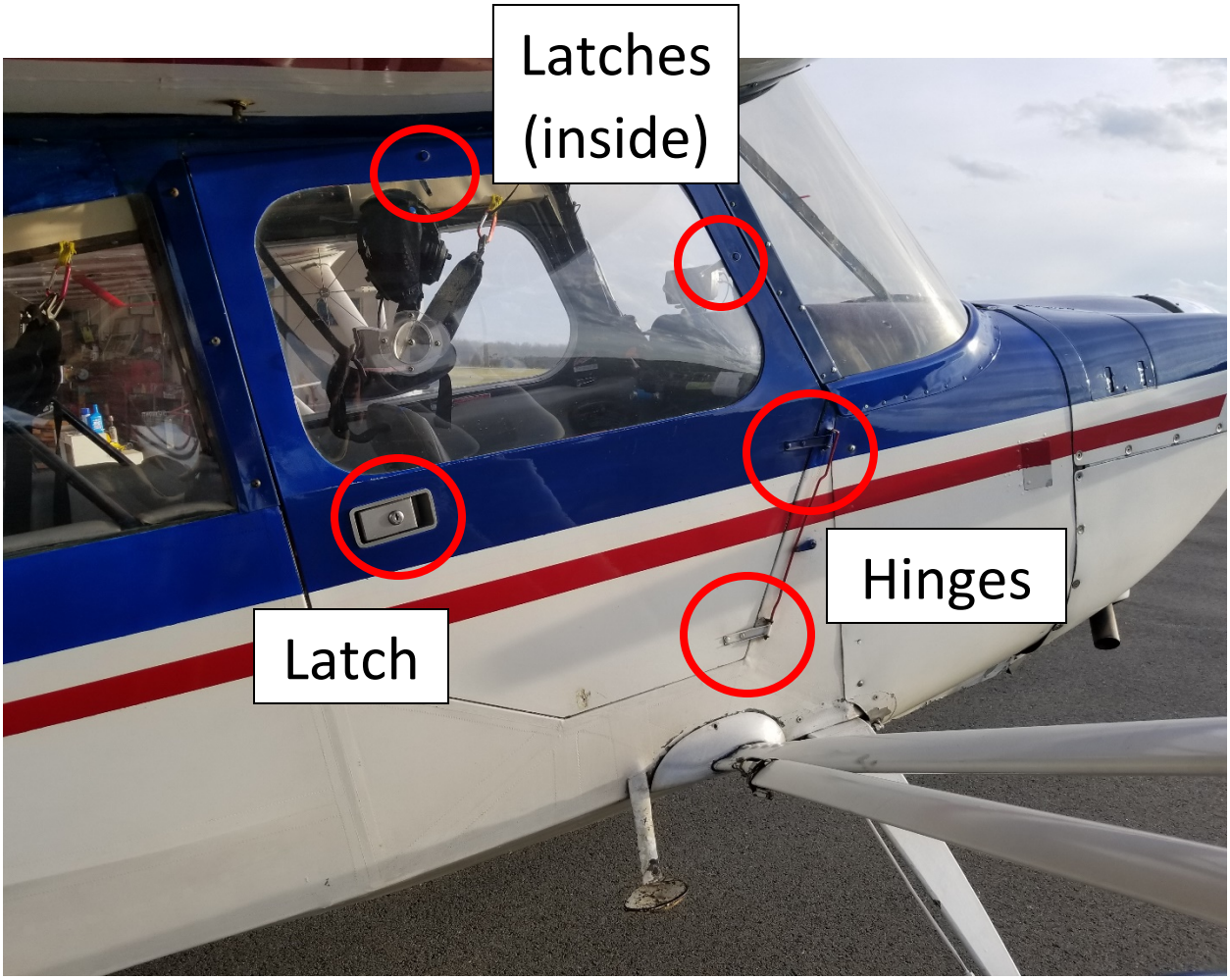
Extraction Information

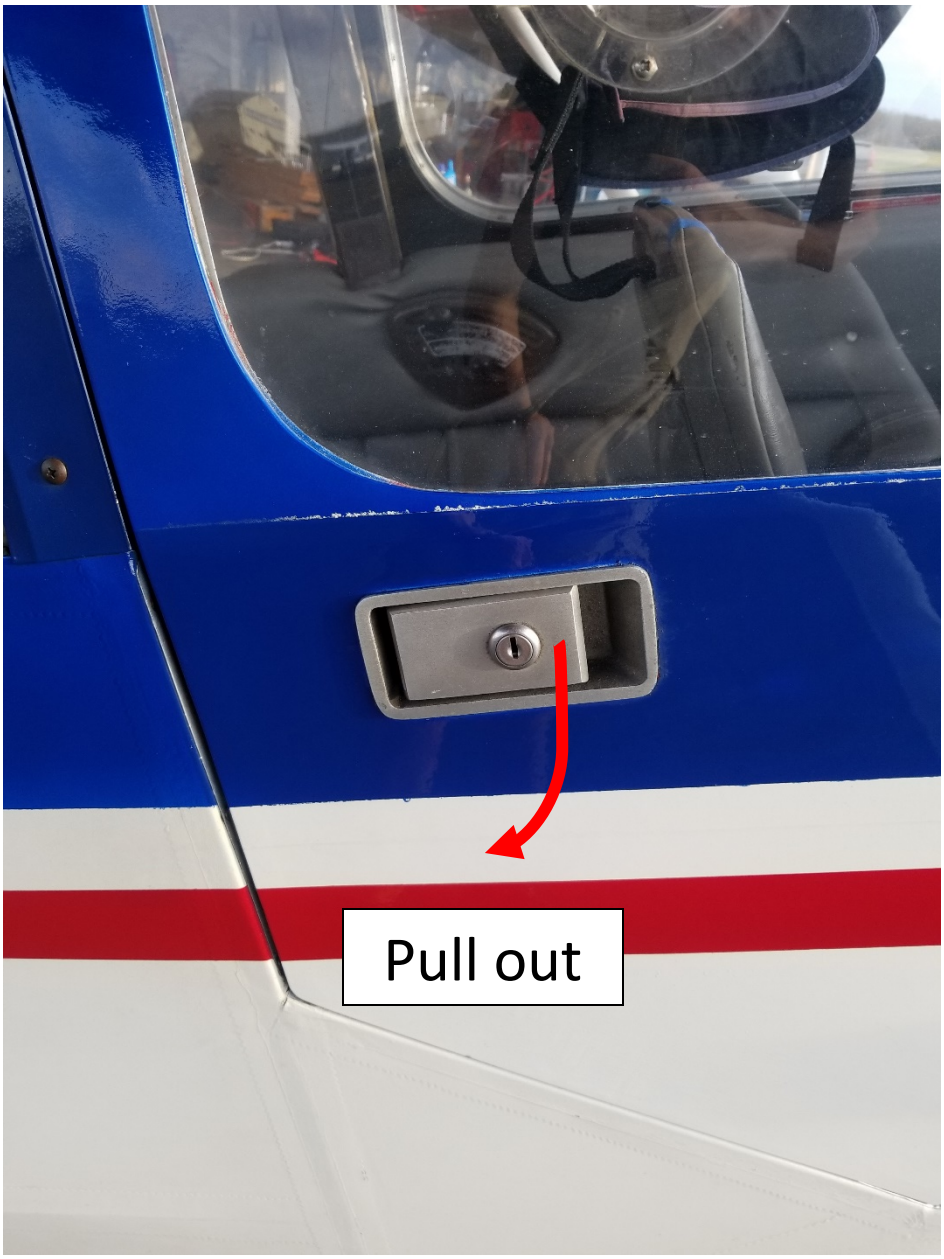
Decathlon N1207E

RJ Gritter

The door is on the right side of the airplane under the wing.

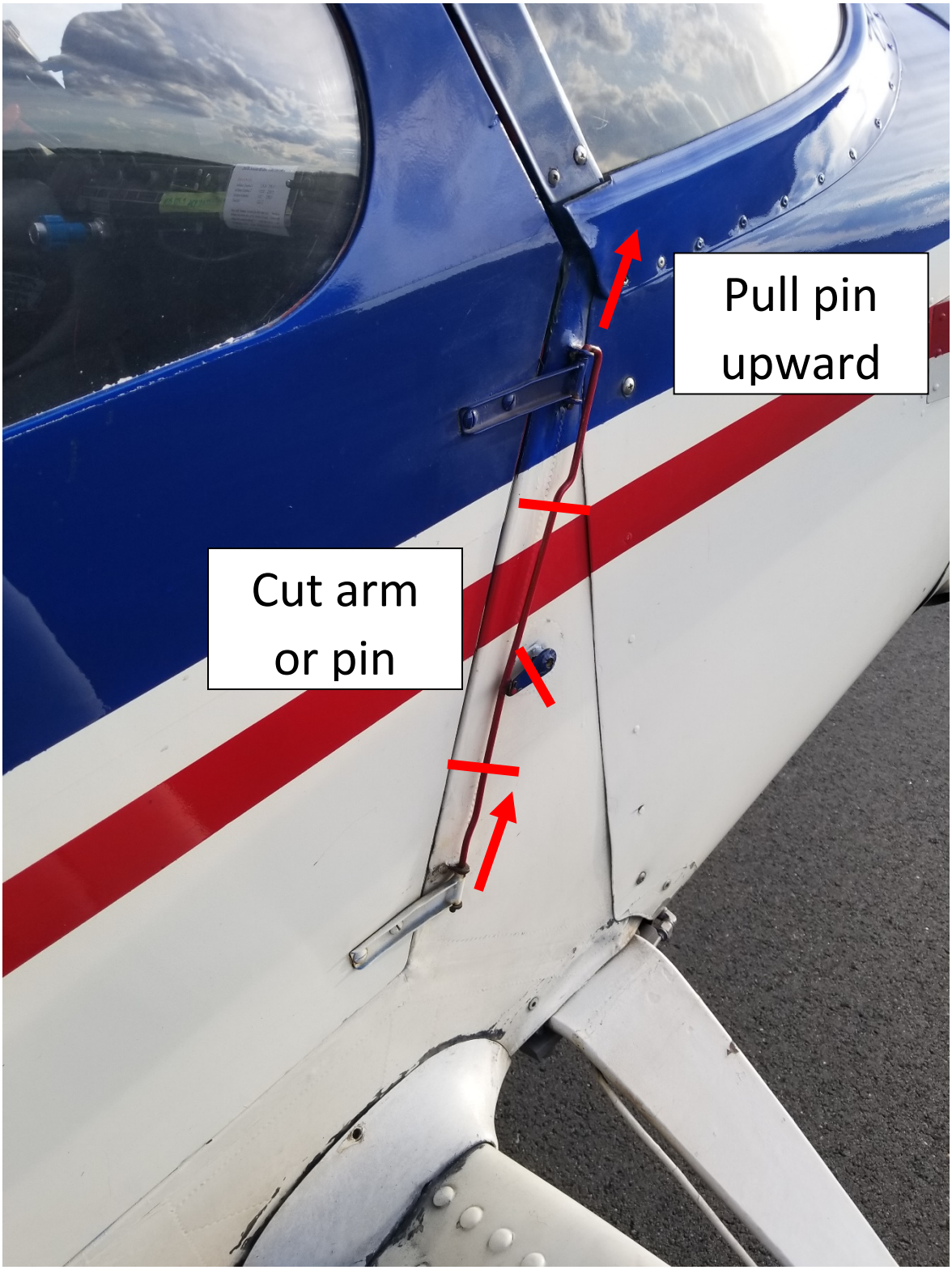


The door hinges from the front edge and is held shut by three latches – two inside, which only the pilot can reach, and one outside, which can be opened from inside or outside.



The main latch is operated by pulling out on the handle. If the inside latches are latched, you'll have to pull hard enough to bend the door frame in order to open the door, but it should still open.

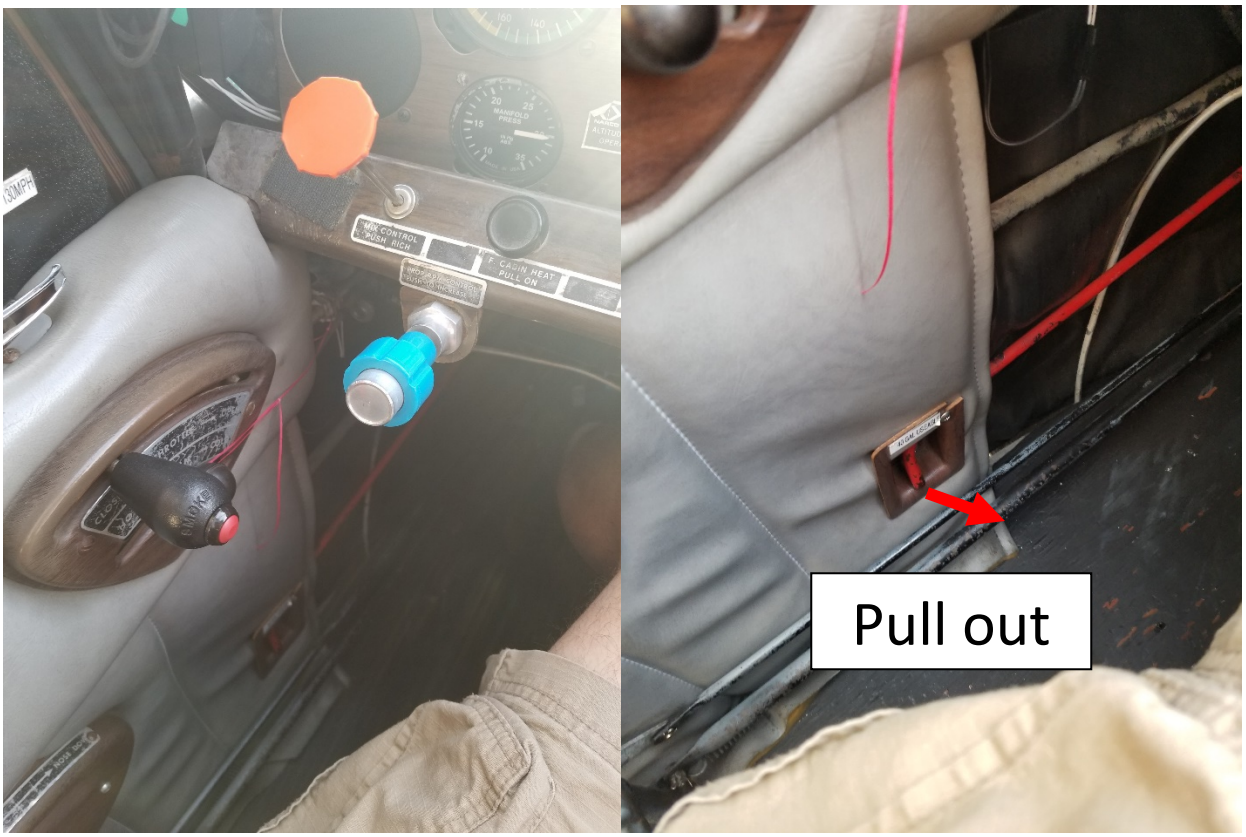
The inside latches can be opened by breaking the window and pulling the handles toward the opening. They are shown unlatched in this picture.



The door can be removed by cutting the hinges. Cutting the blue arm in the middle will allow the entire red hinge pin to be removed, allowing the door to fall away. Otherwise, the hinges can be cut off directly.

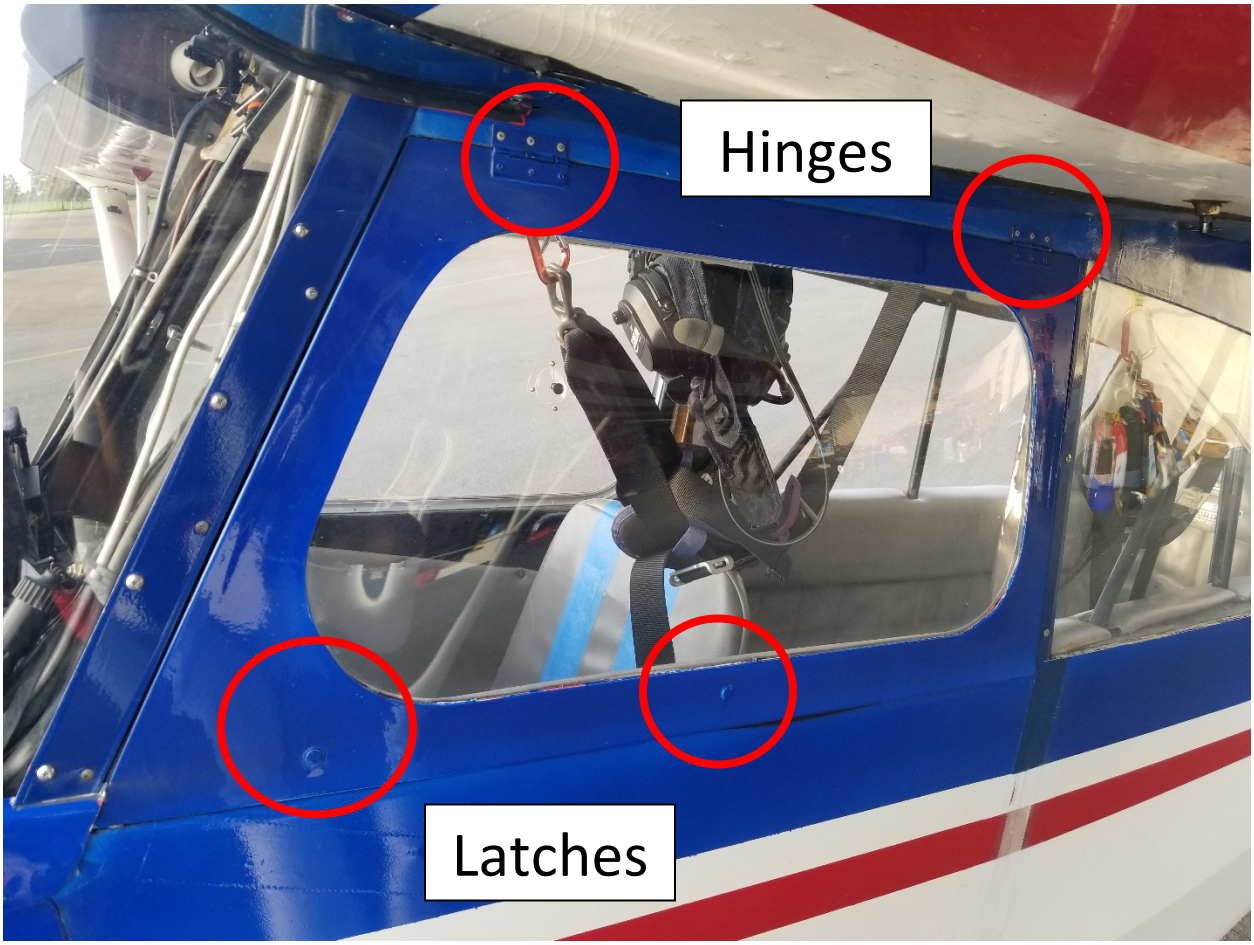
A 5-point harness with a double lap-belt holds the pilot into the airplane. The seatbelts are black and the parachute is blue; the parachute does not need to be unbuckled to remove the pilot, and in fact would be nearly remove while seated.

To unbuckle the seat belt, pull the two levers away from the pilot. Ignore the other clasps attached to the parachute. Pull the pilot out the door to safety.



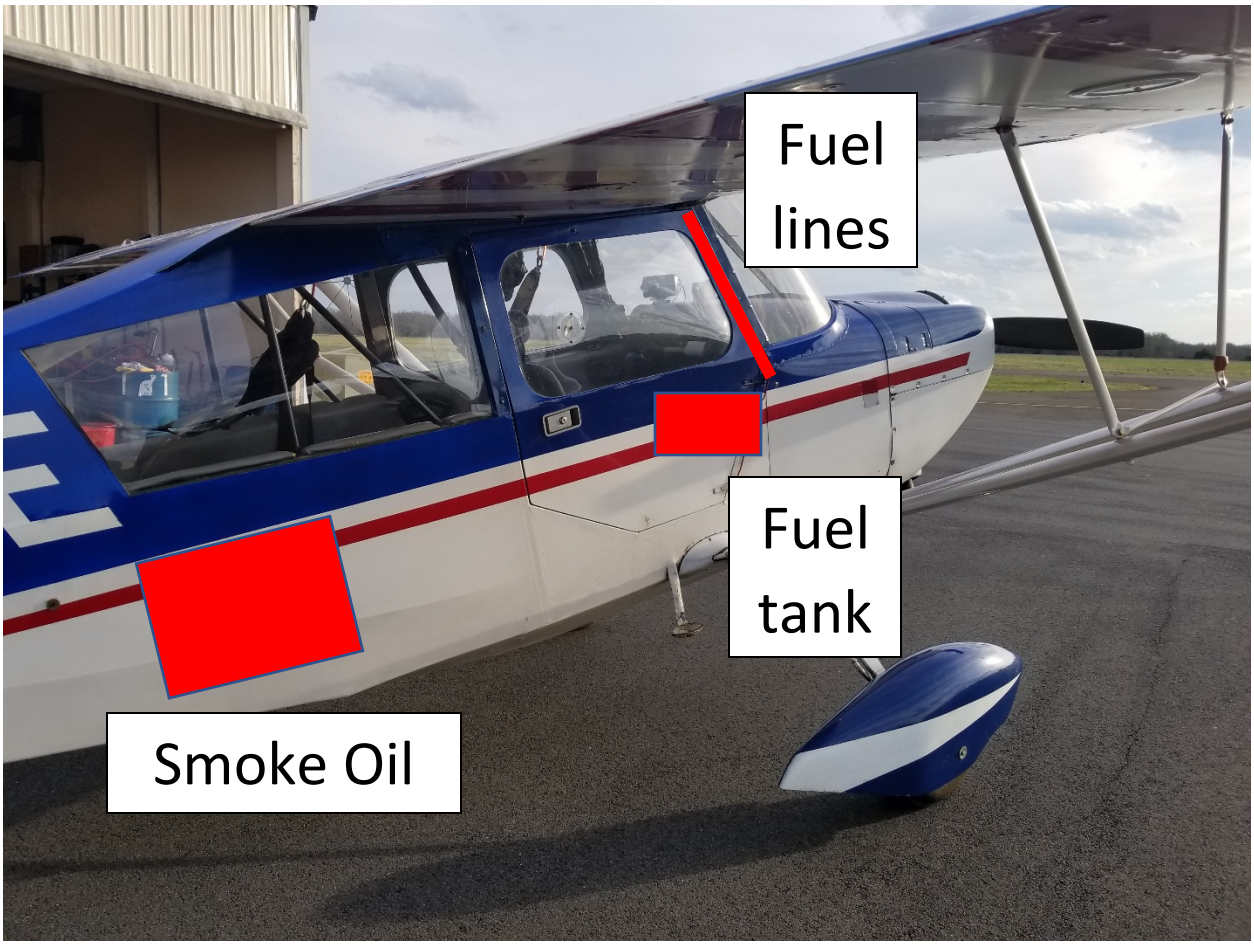
Left of the pilots legs are the engine and fuel controls. Near the floor is the fuel shutoff. Pull the red lever away from the wall to shut off fuel to the engine.

Behind the pilot on the left side of the cockpit is the switch panel. Move all switches down to shut off all electrical power.



If the door is inaccessible, the window can be removed by cutting the hinges at the top edge. It's held shut by latches which can only be operated by the pilot, or by breaking the plastic window and pulling the latches toward the opening.

Avgas is stored in fuel tanks in each wing. Expect about 4 gallons in each tank.



An additional 1.5 gallons of fuel is located just above the pilots legs, below the dashboard.

Fuel lines run down the rear edge of the windshield, so don't cut this area.

Up to 6 gallons of smoke oil is located in the back of the cockpit in a plastic tank.