

Airfreddy's **Guide on Learning To Fly**

**Step-by-Step Guide On the Private
Pilot License From Start To Finish**



HALT CHECK / Your First Takeoff

HALT CHECK AND TAKE OFF: Now that you have checked the aircraft, you will taxi up to the hold short line on the taxiway, (you instructor will explain airport markings). When you are cleared to takeoff, you will taxi onto the runway, line up on the centerline, and stop shortly (JUST FOR A FEW SECONDS) Before you begin to move you will want to perform a HALT check.

So just remember before you takeoff you want to HALT!

1: H: HEADING: Check compass heading with runway. If you are departing on runway 22, the compass should read 22

2: A: ALTITUDE: Check altimeter altitude is correct with airport altitude, also turn the transponder to ALT.

3: L: LIGHTS: Turn on desired lights.

4: T: TIME: Make sure that you note the time you take off. If you have a watch on just take a quick look at that and make a mental note of it. If you don't have a watch, you can always look at the hobbs meter. Each 1/10 of an hour is 6 minutes. You just want to get into the habit of this so you can figure out how much fuel you have used.

(At this point in time set your eyesight to the end of the runway and nothing else) Slowly add the throttle until it is in all the way. As you add the throttle, you

will need to add pressure to the right rudder pedal in order to keep the aircraft on the runway. When the airspeed reaches about 50 knots slowly increase the backpressure on the control column until the aircraft starts to fly. You want to keep the nose of the aircraft just above the horizon. When the nose is in the position you want it to be in trim the aircraft so it will fly itself. You will find that when the plane is ready to fly, it will. You don't need to pull it off the runway. Sit at the airport and watch how the big jets take off that is exactly what they are doing.



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