

CFR § 61.105(b) - Aeronautical knowledge Ground Log

Area	Date	Hours	Signature
(1) Applicable Federal Aviation Regulations of this chapter that relate to private pilot privileges, limitations, and flight operations;			4359991CFI 10/23
(2) Accident reporting requirements of the National Transportation Safety Board;			4359991CFI 10/23
(3) Use of the applicable portions of the "Aeronautical Information Manual" and FAA advisory circulars;			4359991CFI 10/23
(4) Use of aeronautical charts for VFR navigation using pilotage, dead reckoning, and navigation systems;			4359991CFI 10/23
(5) Radio communication procedures;			4359991CFI 10/23
(6) Recognition of critical weather situations from the ground and in flight, windshear avoidance, and the procurement and use of aeronautical weather reports and forecasts;			4359991CFI 10/23
(7) Safe and efficient operation of aircraft, including collision avoidance, and recognition and avoidance of wake turbulence;			4359991CFI 10/23
(8) Effects of density altitude on takeoff and climb performance;			4359991CFI 10/23
(9) Weight and balance computations;			4359991CFI 10/23
(10) Principles of aerodynamics, powerplants, and aircraft systems;			4359991CFI 10/23
(11) Stall awareness, spin entry, spins, and spin recovery techniques for the airplane and glider category ratings;			4359991CFI 10/23
(12) Aeronautical decision making and judgment; and			4359991CFI 10/23
(13) Preflight action that includes - (i) How to obtain information on runway lengths at airports of intended use, data on takeoff and landing distances, weather reports and forecasts, and fuel requirements; and (ii) How to plan for alternatives if the planned flight cannot be completed or delays are encountered.			4359991CFI 10/23