

**CFR § 61.87(d) - Maneuvers and procedures for pre-solo flight training**

Area	Logged
(1) Proper flight preparation procedures, including preflight planning and preparation, powerplant operation, and aircraft systems;	
(2) Taxiing or surface operations, including runups;	
(3) Takeoffs and landings, including normal and crosswind;	
(4) Straight and level flight, and turns in both directions;	
(5) Climbs and climbing turns;	
(6) Airport traffic patterns, including entry and departure procedures;	
(7) Collision avoidance, windshear avoidance, and wake turbulence avoidance;	
(8) Descents, with and without turns, using high and low drag configurations;	
(9) Flight at various airspeeds from cruise to slow flight;	
(10) Stall entries from various flight attitudes and power combinations with recovery initiated at the first indication of a stall, and recovery from a full stall;	
(11) Emergency procedures and equipment malfunctions;	
(12) Ground reference maneuvers;	
(13) Approaches to a landing area with simulated engine malfunctions;	
(14) Slips to a landing; and	
(15) Go-arounds.	