

**FEDERAL AVIATION REGULATIONS  
STUDENT PILOT SOLO REQUIREMENTS**

**INSTRUCTION IN AND DEMONSTRATE ACCEPTABLE PERFORMANCE**

[FAR 61.87 (b), (d)]

FAR 61.87 (b)      Pre-Solo written examination

**SATISFACTORY  
COMPLETION**

FAR 61.87 (d)

1. flight preparation procedures, including pre-flight 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. aircraft 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;
15. go-arounds;

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