Geoffrey Hatcher ATP, MEI, CFII, IAJET Type Rating
Hatcher Aviation Flight Instruction & Pilot Services
1915 Biscayne Little Rock, AR 72227
(501) 680-7283 geoff@geoffhatcher.com www.geoffhatcher.com

§ 61.109 Aeronautical experience. Private pilot, airplane, single-engine

40 hours of flight time

20 hours of flight instruction.

(1) 3 hours of cross-country flight instruction in a single-engine airplane;
(2) 3 hours of night flight training in a single-engine airplane that includes—

- One cross-country flight of over 100 nautical miles total distance; and
- 10 takeoffs and 10 full stop landings at an airport. (in the traffic pattern)

(3) 3 hours of instruments flight training including

- straight and level flight,
- constant airspeed climbs and descents,
- turns to a heading,
- recovery from unusual flight attitudes,
- radio communications
- use of navigation systems/facilities and radar services appropriate to instrument flight;

(4) 3 hours of flight training within 60 days preceding the date of the test

10 hours of solo flight time in a single-engine airplane, consisting of at least—

- 5 hours of solo cross-country time;
- One solo cross-country flight of
  - 150 nautical miles total distance,
  - full-stop landings at three points
  - one segment of the flight at least 50 nm between the takeoff and landing
- Three takeoffs and three landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport with an operating control tower.

Permitted credit in a flight simulator: a maximum of 2.5

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Curiculum & Checkride (PTS)

PREFLIGHT PREPARATION
- Certificates and Documents
- Airworthiness Requirements
- Weather Information
- Cross-Country Flight Planning
- National Airspace System
- Performance and Limitations
- Operation of Systems
- Aeromedical Factors

2 PREFLIGHT PROCEDURES
- Preflight Inspection
- Cockpit Management
- Engine Starting
- Taxiing
- Before Takeoff Check

3 AIRPORT AND SEAPLANE BASE OPERATIONS
- Radio Communications and ATC Light Signals
- Traffic Patterns
- Airport/Seaplane Base, Runway, and Taxiway Signs, Markings, and Lighting

4 TAKEOFFS, LANDINGS, AND GO-AROUNDS
- Normal and Crosswind Takeoff and Climb
- Normal and Crosswind Approach and Landing
- Soft-Field Takeoff and Climb
- Soft-Field Approach and Landing
- Short-Field Takeoff and Maximum Performance Climb
- Short-Field Approach and Landing
- Forward Slip to a Landing
- Go-Around/Rejected Landing

5 PERFORMANCE MANEUVER
- Steep Turns

6 GROUND REFERENCE MANEUVERS
- Rectangular Course
- S-Turns
- Turns Around a PointV

7 II. NAVIGATION
- Pilotage and Dead Reckoning
- Navigation Systems and Radar Services
- Diversion
- Lost Procedures

8 SLOW FLIGHT AND STALLS
- Maneuvering During Slow Flight
- Power-Off Stalls
- Power-On Stalls
- Spin Awareness

9 BASIC INSTRUMENT MANEUVERS
- Straight-and-Level Flight
- Constant Airspeed Climbs
- Constant Airspeed Descents
- Turns to Headings
- Recovery from Unusual Flight Attitudes
- Radio Communications, Navigation Systems/Facilities, and Radar Services

10 EMERGENCY OPERATIONS
- Emergency Descent
- Emergency Approach and Landing (Simulated)
- Systems and Equipment Malfunctions
- Emergency Equipment and Survival Gear

11 NIGHT OPERATION
- Night Preparation
- Night Flight

12 POSTFLIGHT PROCEDURES
- After Landing, Parking and Securing