



Pre-Solo Test Study Guide



General Questions (FAR/AIM)

- Personal documents/endorsements for solo flight (61.87)
- Student pilot limitations-passengers and cargo (61.89)
- Student pilot limitations-visibility and flight above clouds (61.89)
- Final Authority during solo flight (91.3)
- Pre-flight Actions-airport and performance
- Careless and reckless operations (91.13)
- Alcohol and flying (91.17)
- Use of safety belts and shoulder harnesses
- Minimum fuel reserve for day VFR flight and associated cruise speed
- Transponder requirements
- Required aircraft certificates and documents (91.203)
- Collision hazard avoidance
- Right of way rules (91.113)
- Minimum safe altitudes over congested/non-congested areas
- Altimeter settings
- VFR Cruising altitudes (91.159)
- Recovery altitude from flight maneuvers
- Go Arounds
- Steps after engine failure in flight

Aircraft Questions (Refer to POH and Checklist)

- Day VFR Minimum Equipment (91.205)
- V-Speed definitions and airspeeds for your airplane
- Max flap setting for your airplane for takeoff
- Total usable fuel and fuel consumption per hour
- Min/Max oil capacity
- Max crosswind component
- Carb heat usage
- Carb icing indications
- Take-off and landing distance over 50' obstacle

Airport and Local Airspace (PHAK Chapter 15-Airspace/AIM)

- Traffic Patterns for each runway at your airport/airports for solo flight
- Traffic Pattern entry/exit (procedure, radio calls etc)
- Radio calls at controlled/uncontrolled airports
- Standard direction of turns in the traffic pattern
- Determining if an airport has standard/non-standard traffic pattern
- CTAF Definition and procedures
- Runway closure signage
- Airspace Dimensions/requirements for entry and operation (Class B/C/D)
- Ground reference maneuvers in class D airspace
- ATC Instructions that compromise safety
- Light Gun signals
- Solo Flight/equipment required in Class B
- Entry into Class B/C Airspace
- Airport Symbolology on Sectional Chart
- Visibility and Ceiling Requirements in Class C
- Special VFR as a student pilot
- Local Airport airspace dimension and symbology