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## PRIVATE PILOT FLIGHT SYLLABUS OUTLINE

Students must be proficient and knowledgeable in each area of each phase before continuing towards the next phase or to continue towards a Solo Flight or the checkride.

### Phase I

#### Airwork:

- Straight and Level Flight
- Climbs, Turns, Descents, Climbing and Descending Turns
- Steep Turns
- Slow Flight
- Power On & Off Stalls
- Rudder Coordination
- Ground Reference: S-Turns along a Road, Turns around a point (wind drift/correction)

#### Traffic Patterns & Landings:

- Traffic Patterns
- Take offs & Landings
- 0,10,20,30 & 40 Degree Flap Landings
- Slip to Land
- Go- Around
- Engine out Emergencies

### Phase II Solo

5.0 Hours of Solo Flight Time in the pattern working on

- Patterns
- Landings
- Radio communications
- Departing the pattern and reentry
- Local Flight in the Area (Muenster, Moss lake, Etc)

### Phase III

Cross Country – 5.0 Hours Solo Cross Country Required

- Dual Cross Country from Gainesville (GLE) to Bonham (F00)
- Solo Cross country to Bonham
- Dual Long Cross country from Gainesville (GLE) to Durant (DUA) to Paris (PRX) to Gainesville (GLE)
- Long Solo Cross Country – (GLE-DUA-PRX-GLE)
- Solo Cross Country to Wichita Falls (CWC) or Pauls Valley (KPVJ) and return to (GLE)

#### Phase IV

##### Towered Airport Operations

Dual Cross Country to Ardmore, OK (KADM) Covering:

- Control Tower Operations in the Pattern
- Ground Control Operations
- Solo Flight back to Ardmore with 3 Solo Landings at a Towered Airport

#### Phase V

Night Operations - 3 Hours night Flight time required, 10 Landings and 1 Cross Country Flight (Dual Only)

- Flight 1- 8-10 Night Landings at (GLE)
- Flight 2 – Cross country to Wichita Falls (KCWC) and back.

Hood (Simulated Instrument) – 3.0 Hours Required

- Climbs, Turns, Descents, Climbing and Descending turns, Turns to Headings
- VOR's- Finding your location from, Tracking to a VOR
- Unusual Attitude Recoveries (Nose High and Nose Low)

#### Phase VI Checkride Prep

- Cross Country (Including Diversion to another airport)
- Clearing Turns
- Steep Turns
- Slow Flight (With and without Flaps)
- Power Off and On Stalls
- Hood Work (See above Hood Sections)
- Engine Failure to approach to landing
- S-Turns Along a Road
- Turns Around a Point
- Short Field Take offs and landings
- Soft Field Take offs and Landings
- Crosswind Landings
- Slip to land
- Go Around