

FLT 3: Slow Flight

| DUAL | SOLO | XC | NIGHT | INSTR | GND |
|------|------|----|-------|-------|-----|
| 1.2 | - | - | - | - | 1.0 |

REFERENCES

- III.E. Airworthiness Reqs – General Overview
- XI.A. Maneuvering during Slow Flight
- XIV.A. Postflight Procedures

OVERVIEW

Introduce and discuss slow flight, as well as the required aircraft inspections and documents, and postflight procedures with the learner. Airborne, review prior concepts as desired, then focus on slow flight. Return to the pattern to demonstrate a couple patterns and a landing.

NOTES

Planned to be completed with GND 3: Local Procedures

Time and abilities permitting, allow the learner to fly a pattern or two before demonstrating a landing

PLAN OF ACTION

Ground Discussion

- Slow flight (XI.A.)
- Required aircraft documents & inspections (III.E.)
- Postflight procedures (XIV.A.)
- Flight overview
 - Airport diagram, sectional, maneuvers
- Expectations & responsibilities (learner & instructor)
- What the learner should learn

- Maneuvers review, as required
- Slow flight
 - Straight & level
 - Climbs, descents, turns
- Traffic Pattern
 - Normal approach
 - Landing (observe)

Pre-Flight

- Weather briefing, NOTAMs, TFRs, etc.
- Performance / Weight & balance (completed by CFI)
- Required documents / inspections
- Pre-flight inspection
- Engine start
- Taxi / Runup

Post-Flight

- After landing checklist
- Taxi
- Parking & Engine shutdown
- Post flight / Securing

Flight

- Normal / Crosswind takeoff
- Climb procedures & checklists
- Scanning, Clearing turns

Debrief

- Review the flight
- What went well?
- What can be improved?
- What's next

OBJECTIVE / COMPLETION STANDARDS

Approaches and landings aside, the learner shows increasing control of the aircraft in regular flight and builds a foundation for control of the aircraft during slow flight. ATC communication abilities continue to grow. Aim for \pm 200', 20° heading, 20 knots.