

Lesson 3 : Slow Flight. Steep turns. Traffic Patterns.

Flight: _____. End Hobbs Date: ____/____/____
Flight: _____. Start Hobbs Ground: _____.
Plane: _____
Total : _____. + _____. = _____. Landings: _____

New :

- ☐ Steep turns (b)(1)(v)
- ☐ Prep and recovery for slow
- ☐ Slow flight (9)
- ☐ **MCA**
- ☐ Slow to simulate the approach
- ☐ Too slow
- ☐ Radio procedures intro (b)(5)
- ☐ Collision avoidance (7), (b)(7)
- ☐ Airport traffic patterns (6)
- ☐ Approach and landing (3)

Review:

- ☐ Preflight, Taxiing (1)(2)
- ☐ Pre-takeoff check & runup (2)
- ☐ Takeoff and climb (3)
- ☐ 4 fund. review (4)(5)
- ☐ Glides, w/ and w/o flaps (8)

Lesson includes: 61.87 (d) (1-9), *F&G:61.107(b)(1)(v)*, *GR:61.105(b)(5,7)*

Notes:

Endorsements Given:

NAME: _____
CFI: _____ Date: ____/____/____

READING

- ☐ Jepp. Ch.4B,4D Airports, Airspace
- ☐ Jepp. Ch.5B Radio Procedures
- ☐ PHAK Ch.12 Aiport Operations
- ☐ PHAK Ch.13 Airpsace
- ◇ Jepp.Manuev.: 12,17,21 (review 1-9,10,13)
- ◇ AFH 4-1 to 4-2 Slow Flight
- ◇ AFH 9-1 to 9-2 Steep turns
- ◇ AFH Ch.7 Patterns
- ◇ AFH 8-1 to 8-10 Appr. and Landings

Slow flight defined, and **MCA**

To simulate how a landing is approached

Steep turns for control and coordination

PATTERN and RADIO procedures intro

- ☐ Quickly cover legs and Who, Who, Where, What

Terminology:

- ☐ "clean" or "dirty" configurations
- ☐ "mushy", "buffet"
- ☐ Stabilized approach - at the "slower" app speed

Discuss:

- ☐ Power control (altitude)
- ☐ Pitch control (airspeed)
- ☐ Rudder
- ☐ Trim
- ☐ Interpretation of outside references
- ☐ Feel in slow flight
- ☐ 4 LEFT TURNING TEND.
 - ☐ torque (twist)
 - ☐ spiraling slipstream (on tail)
 - ☐ p-factor (asymetric prop loading)
 - ☐ gyroscopic precession (more in tailwheel)
- ☐ Overbanking
- ☐ Collision avoidance
- ☐ Windshear and wake avoidance

- ☐ Review 4 forces (lift, weight, thrust, drag)

☐ **IMSAFE**

- ☐ ARROW (inspections list)