

Lesson 4 : Stalls. Slow Flight.



Flight: \_\_\_\_ End Hobbs Date: \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Flight: \_\_\_\_ Start Hobbs Ground: \_\_\_\_.  
 Plane: \_\_\_\_  
 Total : \_\_\_\_ + \_\_\_\_ = \_\_\_\_ Landings: \_\_\_\_

New :

- Stall setup, and entry
- Stall indications (10)(viii)
- Stall recovery (10)(viii)
- Power-off stalls, approach config. (10)(viii)
- Power-on stalls (10)(viii)
- Spin avoidance
- [Demo stalls if time]
- Eng. out sim near MBA if possible (long glide)

Review:

- Prep and recovery for slow
- Slow flight, and **MCA** (9)(viii)
- Slow simulates the approach
- Glides
- Collision avoidance
- Airport traffic patterns
- Radio procedures
- Approach and landing

Lesson includes: 61.87 (d) (9,10), F&G:61.107(b)(1)(viii), G:61.105(b)(11)

Notes:

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Endorsements Given:

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NAME: \_\_\_\_\_  
CFI: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

READING

- Jepp. Ch.4 The Flight Environment
- PHAK 14-1 to 14-2 Charts
- Jepp.Manuev.: 17,18,19
- AFH CH.4 Slow Flight, Stalls, Spins

Slow flight defined, and MCA  
To simulate how a landing is approached

Stall and stall recovery - aerodynamic

Practice to recognize and avoid stalls (and unint. spins)  
Spin talk through (idle, rudder, rec stall, dive) (b)(11)

Safe altitude & clearing, 1500

Terminology:

- "clean" or "dirty"
- "mushy", "buffet"
- Stabilized approach

Discuss:

- Power control (altitude)
- Pitch control (airspeed)
- Rudder
- Trim
- Interpretation of outside references
- Feel in slow flight
- Stall is a normal thing to learn to control
  
- 4 forces review (lift, weight, thrust, drag)
- Left turning tend. review (tq, sp slip, pfact, gyro)

- IMSAFE
- MEDICAL - SCHEDULED?**
- ARROW (inspections sheet)