

# PRIVATE PILOT FLIGHT SYLLABUS

PRE-SOLO FAR 61.87(d), 61.87(b)

- 1) 61.87(d) (2),(4),(5),(8) taxi, straight and level, turns, climbs, decents, landings.  
**READING:**
  - ◇ Jepp. Ch.1, Ch.2A Airplanes / PHAK Ch.1 Aircraft Structure, Ch.2, Ch.4 Controls
  - Jepp. Maneuvers: 3, 6, 7, 8, 9
  - AFH Ch.1, Ch. 4 Basic Flight Maneuvers
- 2) 61.87(d) (1),(2),(3),(4),(5),(8) preflight procedures and planning, takeoffs, *taxi, straight and level, turns, climbs, decents, landings*.  
**READING:**
  - ◇ Jepp. Ch.2, Systems, Ch.3 Aero. / PHAK Ch.3 Aerodynamics, Ch.5 Systems, Ch.6 Instr.
  - Jepp. Maneuvers: 1 through 5, 10, 13, (review 6 through 9)
  - AFH Ch.2 Pre/Post-flight & ground ops, Ch.3 Takeoffs and Climbs, (review Ch.1, Ch.4)
- 3) 61.87(d) (1-9) *preflight procedures and planning, taxi, straight and level, turns, climbs, decents, landings*, airport operations, traffic pattern, collision avoidance, slow flight.  
**READING:**
  - ◇ Jepp. Ch.4B,4D Airports, Airspace, Ch.5B Radio / PHAK Ch.12 Apt ops, Ch.13 Airspace
  - Jepp. Maneuvers: 12, 17, 21, (review 1 through 9, 10, 13)
  - AFH 5-1 to 5-2 Slow Flight, 6-14 to 6-15 Steep turns, Ch.7 Patterns, Appr. and Landings
- 4) 61.87(d) (9),(10) slow flight, stalls.  
**READING:**
  - ◇ Jepp. Ch.4 / PHAK 14-1 to 14-2
  - Jepp. Maneuvers: 17, 18, 19
  - AFH Ch.5 Slow flight, stalls, spins
- 5) 61.87(d) (3),(12) takeoffs, landings, ground reference maneuvers  
**READING:**
  - Jepp. Maneuvers: 22, 23, 24, 10, 12, 13
  - AFH Ch.3 Takeoffs and Climbs, Ch.7 Patterns, Appr. and Landings, 6-1 to 6-8 Ground ref.
- 6) 61.87(d) (11),(13),(14),(15) emergency procedures, slips, go-arounds  
**READING:**
  - Jepp. Maneuvers: 13, 15, 16
  - AFH 7-8 to 7-9 Slips, Go-arounds, Ch.8 Faulty App. and Land., Ch.12 Emerg Operations
- 7) 61.87(d) (3),(12),(14) x-wind takeoffs, x-wind landings, ground reference maneuvers, *slips*  
**READING:**
  - ◇ Jepp. Ch.5 / PHAK Ch.12
  - Jepp. Maneuvers: 22, 23, 24, 11, 14
  - AFH 3-4 to 3-6 x-wind t/o, 6-1 to 6-8 Ground ref.
  - AFH 7-8 to 7-9 Slips, Go-arounds, 7-11 to 7-13 x-wind land.
- 8) 61.87(d) (1-15) review, and 61.87(b) PRE-SOLO aeronautical knowledge test review  
**READING:**
  - ◇ Jepp. Ch.1 - Ch.5, Ch.8B / PHAK Ch.1 - Ch.8, Ch.12, Ch.13
  - Jepp. Maneuvers: review 1 through 24
  - AFH Ch.1 - Ch.8, Ch. 12
  - 14 CFR Part 61, 91
  - POH
- 9) STAGE CHECK
- 10) SUPERVISED SOLO FLIGHT