

Lesson 2 : Flight Prep. Control. Takeoffs.

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

New :

- ☐ Checklists
- ☐ Preflight (1)
- ☐ Positive exchange of controls
- ☐ Taxiing (2)
- ☐ Pre-takeoff check & runup (2)
- ☐ **Takeoff** and climb (3)
- ☐ Turns, with heading references
- ☐ Straight & level (4)
- ☐ Climbing turns (5)
- ☐ Decending turns (8)
- ☐ Glides, w/ and w/o flaps (8)
- ☐ Return to airport
- ☐ Approach and landing (3)
- ☐ After landing
- ☐ Parking & securing

Lesson includes: 61.87 (d) (1, 2, 3, 4, 5, 8), 61.107(b)(1)(i,ii,iii,iv,xii)

Notes:

Endorsements Given:

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

READING

- ☐ Jepp. Ch.2, Airplane Systems
- ☐ Jepp. Ch.3 Aerodynamic Principles
- ☐ PHAK Ch.3 Aerodynamics
- ☐ PHAK Ch.5 Aircraft Systems
- ☐ PHAK Ch.6 Flight Instruments
- ◇ Jepp.Manuev.: 1-5, 10, 13 (review 6-9)
- ◇ AFH Ch.2 Ground ops
- ◇ AFH Ch.5 Takeoffs and climbs
- ◇ review AFH Ch.1, Ch.3 Basic Flight Maneuvers

There are four basic things that a plane can do: what are they? (climb, decend, turn, level) **[and combine them]**

Explain proper positioning on ground run up of the plane, into wind. Division of attention (taxi and runup)

Powerplant and Systems

Takeoffs - directional control

PREFLIGHT and INSTRUMENTS

Terminology:

- ☐ "Back/forward pressure" pitch on the yoke.
- ☐ Names and function of the flight instruments.
- ☐ "Yaw," "roll," "pitch," "rotate"

Discuss:

- ☐ Power control
- ☐ Pressure control
- ☐ Trim
- ☐ Exchange of controls
- ☐ Interpretation of outside references
- ☐ Division of attention
- ☐ **IMSAFE**

- ☐ Certificates and Documents
- ☐ ARROW
- ☐ Aircraft logbooks (fill in inspection sheet)