

Jackson Flight Center

Prosser Flight Operations

PRIVATE/SPORT PILOT GROUND SCHOOL SCHEDULE

November 17, 2009 – January 26, 2010

- 11/17 **Aerodynamics**
•4-Forces, Acft Components, CG, Stalls, Load Factor, Spins, Stability, Wake Turbulence, Left Turning Tendencies, Ground Effect
- 11/19 **Aircraft Systems**
•4 & 2 Stroke Engines, Engine Temps, Fuel Induction Systems, Carb Icing, Fuel Grades, Ignitions Systems, Propeller, Preflight Inspections, Hand Propping
- 11/24 **Flight Instruments**
•Pitot Static System, ASI, AS Limitations, VSI, Altimeter, Types of Altitudes, Gyroscopic Instruments, Magnetic Compass
- 12/1 **Regulations, Pt 1**
•FAR 1,61, 91 Sub A (General)
- 12/3 **Regulations, Pt 2**
•FAR 91 Sub B-E (Flight Rules, Equipment, Special Ops, Maint), 43, AC's, AD's NTSB
- 12/8 **Procedures & Airport Operations, Pt 1**
•Aprt/Fac Directory, Arpt Markings & Lighting, Runway Incursion Prevention
- 12/10 **Procedures & Airport Operations, Pt 2**
•Traffic Patterns, Collision Avoidance, SVFR, Flight Physiology, ADM
- 12/15 **Weather, Pt 1**
•Circulation & Wind, Temperature, Moisture, Atmospheric Stability, Clouds
- 12/17 **Weather, Pt 2**
•Air Masses, Fronts, Thunderstorms, Turbulence, Airframe Icing, Jet Stream
- 12/22 **Weather Services**
•Wx Briefings, METAR, TAF, PIREP's, FA's, FD's, Wx Depict Charts, Radar, Sig Wx Chart, Inflight Wx Advisories, TWEB, Enroute Flight Advisories
- 12/29 **Aircraft Performance**
DA, TO Distance, Fuel Consumption, Crosswind Component, Landing Distance, Wt & Bal
- 1/5/2010 **Enroute Flight, Pt 1**
•Pilotage (Maps), Aviation Time, Topography
- 1/7 **Enroute Flight, Pt 2**
•Airspace, Special Use Airspace
- 1/12 **Enroute Flight, Pt 3**
•Dead Reckoning, Turbulence, Power Failure, Other Emergencies
- 1/14 **Navigation, Pt 1**
•VOR Facilities, VOR Nav, VOT Procedures
- 1/19 **Navigation, Pt 2**
•ADF Equipment, NDB Navigation, GPS Navigation
- 1/21 **Communication Procedures**
•Trfc Advisories, Light Gun Signals, Radio Phraseology, ATIS, Controller Comm, FSS, ELT, DF Steer, Transponder
- 1/26 **Final Exam**