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## **Instrument Flight Syllabus**

### **Phase 1 – 2.0 Hours Simulator – 2.0 Hours Flight Time**

- Basic CRAFT Clearances
- Constant rate turns, climbs, descents
- Constant speed Turns, Climbs, descents
- Compass Turns, Timed Turns
- Partial Panel Turns, Climbs, descents
- Unusual Attitudes
- GPS Familiarity,
- Primary + Supporting Instruments
- VOR Tracking
- Victor Airways

### **Phase 2 – 5.0 Hours Sim – 15 Hours Flight Time**

- GPS Approaches and GPS Holds
- VOR Approaches and Holds
- ILS Approaches and Holds
- Localizer Approaches and Holds
- Missed Approaches
- Circle to Land
- DME Arcs and Approaches
- LDA Approaches

### **Phase 3 – 3.0 Hours Sim – 8 Hours Flight Time**

- Partial Panel Approaches
- Contact Approaches PAR/ASR
- Standard vs Non Standard Departure Procedures
- Standard Instrument Departures (SID)
- Standard Terminals Arrival Route (STAR)
- Lost Communication Procedures
- -250nm Cross Country 61.65(d)(2)(ii)

### **Phase 4 - 5.0 hours Flight Time**

- Checkride Prep 61.65(d)(2)(i)