

Precision Flight Systems – Modular Flight Deck

Precision Flight Systems – Modular Flight Deck - Single/Twin Engine Flight Simulator

AIRCRAFT and FLIGHT TRAINING DEVICES: The C-150/152 or C-172, and a Precision Flight Controls MFD (serial #51168) will be used for training in this course. All aircraft meet the requirements of FAR 141.39 and FAR 91.205 (day and night VFR.) Radio equipment will consist of at least one navigation/communication radio system (transceiver and VOR).

The Precision Flight Controls MFD is a twin and single engine-advanced ATD (AATD.) Equipment includes: fuselage with full dual controls, 180 degree visual system and instruments for flight, engines, and systems.

The IFR avionics package includes Garmin 430 GPS/Nav/Com, dual needle RMI, HSI. Full autopilot/flight director with altitude preselect is available, along with worldwide navigational, and visual capabilities using Real World Frequencies; three needle altimeter; toe brakes; adjustable seats (pilot and copilot); and cockpit lights.

Additional equipment includes a center trim console which provides manual controls for elevator trim, and rudder trim in addition to selectors for fuel, cowl flaps, wing flaps and carburetor heat. The 180 degree visual system includes 5-50" color monitors. USGS 50 meter terrain data is used for the continental US. This Flight Training Device meets all requirements of Appendices B and C; 14 CFR 141.41 (b).

Aviation majors have access to On Top PCATD software. This training aid has a yoke with rudder pedals, a precision flight control quadrant, and an avionics control panel. This PCATD is intended to be used as a training aid only and is not approved for any Part 141 curriculum. Additionally, a KNL 94 GPS trainer is available for GPS demonstrations.

