

PI-135 Hardware Technical Specifications

Component: ELITE Pro Panel II Flight Console

Description: This console is constructed of steel and aluminum with black powder coating. The flight control system is accomplished by high resolution potentiometers and mechanically self centers with feel and dampening through steel spring mechanisms. Procedural switches and levers as listed below will accommodate simple, complex and light twin aircraft modules from startup, shutdown, flight and navigation procedures. Analog to digital conversion is done through integrated circuit boards, DNC connectors to a panel motherboard.

Yoke, 2 magneto, 2 fuel boost, 2 cowl flaps, avionics master, flaps, alternate air, 2 start switches, left and right alternator, battery master, pitot heat, park brake, 6 and 3 lever throttle quadrant, fuel selector, ignition key, Hobbs meter, gear switch, lights, rudder trim, pitch trim, CWS and PTT .

Interface: USB with six ft. USB cable. Power, 9 VAC, 300 to 500 mA, negative center.

Dimensions: 28 inches wide, 16 ¼ inches deep and 5 ¼ inches high.

Weight: 40 lbs



Component: AP3000 Avionics Panel

Description: The radio stack is designed after the BK Silver Crown radio stack. It is made of sheet metal construction with black powder coating with intensity adjusting red LCD digital displays. Functions include dual - head, altitude /VSI preselector, OBS, CRS, HDG, MDI (or radar altimeter), Aux and Nav selectors and moving map toggle. Encoders, switches and buttons are mounted on integrated circuit boards that interface with a radio mainboard.

Interface: USB and six foot USB cable, 9 VAC, 1.2A, negative center.

Dimensions: 8 ¼ inches wide (at base), 13 ¼ inches tall and 7 ¾ inches deep (at base)

Weight: 11 lbs



Component: ELITE Rudder Pedals

Description: The rudder pedals are constructed of heavy gauge sheet metal with black power coat finish. They feature hydraulic dampening and proportional braking on each pedal. Analog to digital interface is accomplished through high resolution potentiometers and an integrated circuit main board.

Interface: USB and six foot USB cable

Dimensions: 8 ¼ inches wide (at base), 13 ¼ inches tall and 7 ¾ inches deep (at base)

Weight: 11 lbs


