

FAA Level-D King Air 200/350 Simulator

Manufactured by Aeronautical Systems Engineering, FlyRight's newest King Air simulator is equipped with G1000NXi avionics and convertibility between a King Air B200 and 350 model for training. The simulator also features an electronic motion base and the capabilities for Upset Recovery training.



Simulator Specifications: BE-200/350 (FAA ID 1678/1697)

Component/System	Manufacturer	Description
Cockpit structure	Beechcraft	Actual King Air cockpit including seats, primary controls, secondary controls, pedestal, switch panels, circuit breaker panels, overhead, trim, etc.
Host System	Aeronautical System Engineering (ASE)	ASE 2000 - PCI Windows 10 OS, 60Hz Real-Time System with minimum 50% spare capacity
Aircraft Data Package	Aeronautical System Engineering (ASE)	KA200 & KA350 Level D, Part 60 Change 2 data package including aerodynamic and engine data with modeling by ASE
Motion System	E2M	eMove eM6-1070-9000 Electric Motion System, 6 DOF with eMoveRT controller and motion cueing
Visual System	RSi	RSi epic-View D-41 three-channel, collimated, front projection, 200° x 40° Field of View, 4.1 million pixels LED-DLP projectors, Raster XT5 Image Generator
Control Loading	Aeronautical System Engineering (ASE)	ASE CLS-4000Hz Digital Control Loading System, 8 Channels, running at 4000 Hertz, includes GUI for real-time feedback and tuning
Avionics & Instruments	Aeronautical System Engineering (ASE) Mid-Continent & SimTek	Garmin G1000NXi simulated avionics suite. MD302 standby instrument. Analog gauges by SimTek.
Sound System	Aeronautical System Engineering (ASE)	ASE SimQue Digital Sound System with 8 speaker environment
Instructor Operating Station	Aeronautical System Engineering (ASE)	SimView RealTouch Generation 2

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