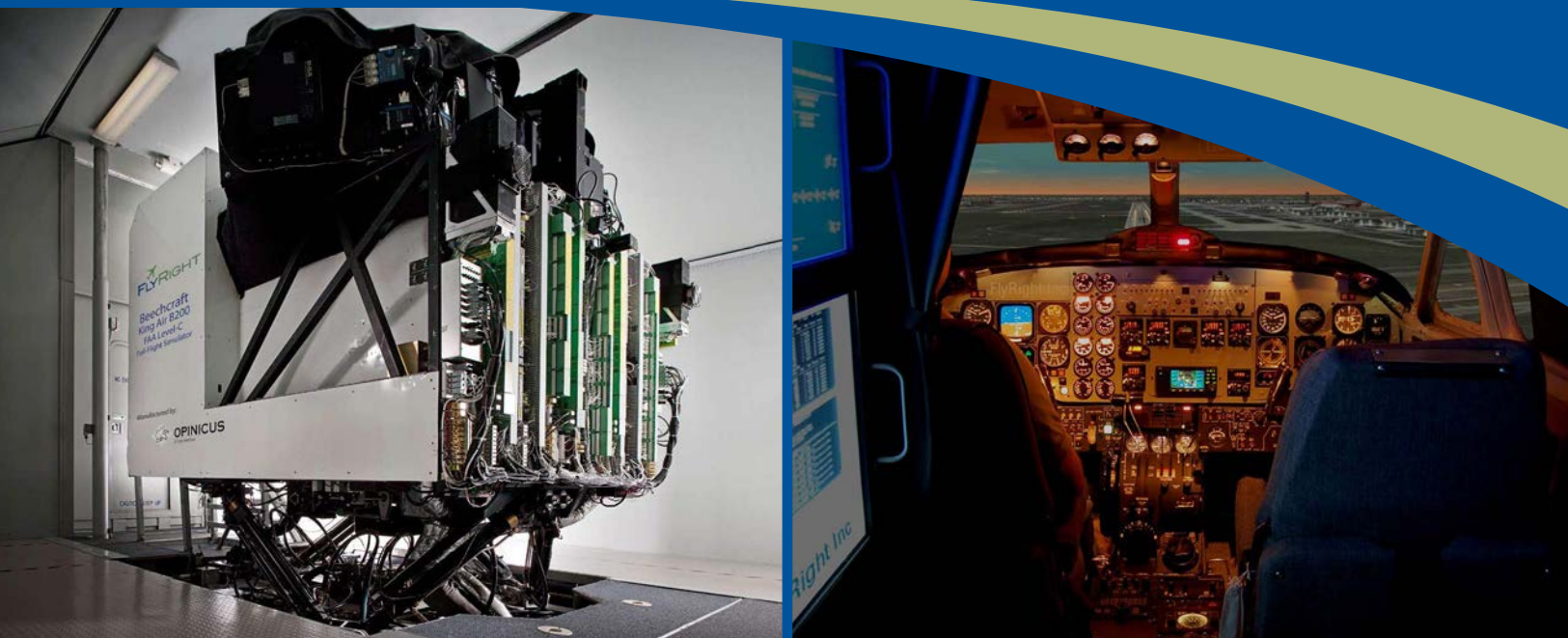


Manufactured by SATCO and completely refurbished and upgraded by Opinicus/Textron, FlyRight's King Air B200 simulator is equipped with an impressive array of state-of-art features and technology, including new LED projectors and image generator with "Anywhere" airport capabilities.



Simulator Specifications:

Component	Provider/ Manufacturer	Date in Service	Description
Cockpit structure	Beechcraft	2008	King Air B200 cockpit, including overhead, panels, circuit breaker panels, sub-panels, quadrant, etc.
Hbst System	Opinicus/Textron	2008	PCI, LINUX based, POSIX compliant OS. 120hz real-time capable with minimum 50% spare capacity.
Aircraft Data Package	Kohlman (KSR)	2006	B200 data packages from KSR to level-C specifications. Includes aero and engine data and modeling.
Motion System			
Hydraulic Actuators	McFadden	1999	McFadden (supported by Hydrodyne)
Hydraulic System	McFadden	1999/2008	Redesign hydraulics & cooling. Vickers HPU.
Motion Controller	Opinicus	2008	RealCue Digital Controller
Visual System	Redifun (RSI)	2013	Collimated 3-channel, 4 ProjectionDesign LED projectors. 75° x 45° x 2 image. Circling certified. 100% new Optics, Projectors, ImageGenerator. Numerous visual scenes throughout the world.
Control Loading	Opinicus/Textron	2008	RealFeel Digital. New linkages, bearings, controller, motors, position transducers, etc.
Avionics & Instruments			Mix of simulated and stimulated
OEM Equipment	RockwellCollins, Honeywell, etc	1999/2008	Collins 2-tube EFIS-84 system. Honeywell KLN-90B andGarminGPS-400 GPS systems (inter-changeable). Collins FCS-65 autopilot and Flight Director. Sandel ST-3400 TAWS and Honeywll TCAS.
Simulated Equipment	SimTek	2008	Steam gauges, all engine, fuel, electrical gauges. B200 is 100% new gauges in 2008
Sound System	SimPhonics	2008	SMX Digital Sound. Completely new system in 2008.
Instructor Operating Station	Opinicus/Textron	2008	Dual 21-inch touch-screen. Complete malfunctions, repositioning, and host controls. Windshear modules as well as all FAA-required Level-C simulations (icy runway, etc.).