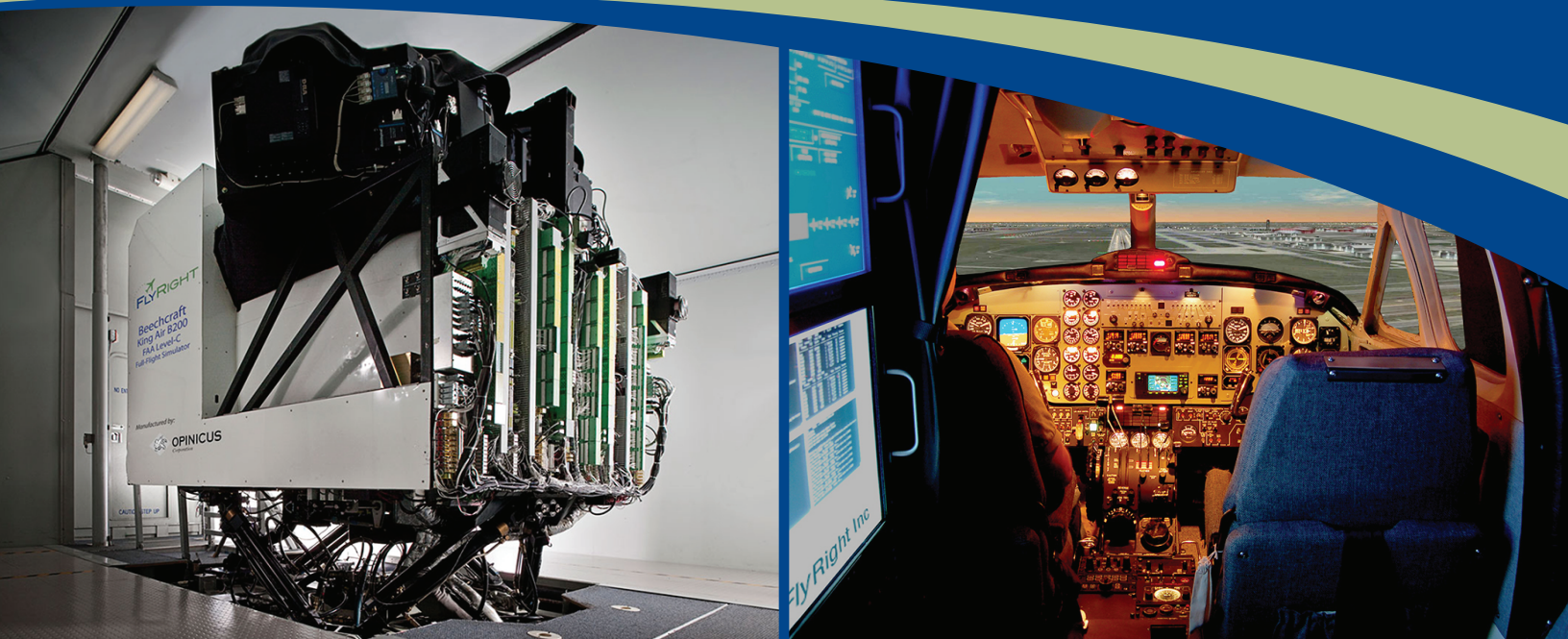


Manufactured by SATCO and completely refurbished and upgraded by Opinicus/Textron, FlyRight's King Air B200 simulator is equipped with an impressive array of state-of-art features and technology, including new LED projectors and image generator with "Anywhere" airport capabilities.



## 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.
Host 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 Projection Design LED projectors. 75° x 45° x 2 image. Circling certified. 100% new Optics, Projectors, Image Generator. 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 and Garmin GPS-400 GPS systems (inter-changeable). Collins FCS-65 Autopilot and Flight Director. Sandel ST-3400 TAWS and Honeywell TCAS.
Simulated Equipment	SimTek	2008	Steam gauges, all engine, fuel, electrical gauges. B200 completely 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.).