# FLYRIGHT
## EXPERT TRAINING FOR SAFE FLYING

Manufactured by Opinicus/Textron and placed into service in November 2014, FlyRight's King Air 350i simulator augments our world-class King Air training programs.  Equipped with RockwellCollins ProLine21 avionics and a 200 degree daylight visual system, this state-of-the-art simulator will impress the most demanding operators.





# Simulator Specifications:

| Component | Provider/ Manufacturer | Description |
|---|---|---|
| Cockpit structure | Beechcraft | Actual King Air cockpit (entire aircraft nose section).  Panels supplied by Beechcraft including headliner, overhead panels, subpanels, circuit breaker panels, pedestal, quadrant, etc. |
| Host System | Opinicus/Textron | PCI, LINUX based, POSIX compliant OS.  120Hz real-time capable with minimum 50% spare capacity |
| Aircraft Data Package | Rockwell Collins | BE30 Level-D (Part-60) data package from Rockwell Collins.  Includes aero and engine data and modeling prepared by Opinicus Cop and Rocwell Collins.. |
| Motion System   Hydraulic System   Motion Controller | FlightSafety Opinicus | 36" Excursion FlightSafety actuators. Dual 60 HP FSI HPU. RealCue Digital Controller |
| Visual System | Redifun (RSI) | Front Projection display with three-channel 200 degree x 40 degree Field of Field of Vue.  LED projectors and full-daylight capability. Raster XT4 Image Generators with "Anywhere" airport capability.x 2 image. |
| Control Loading | Opinicus/Textron | RealFeel Digital., including throttles (for simulated linkage failure). |
| Avionics & Instruments | Rockwell Collins SimTek | Rockwell Collins ProLine21 simulated avionics suite, including IFIS and FMS 3000. Analog gauges (flaps, fuel, etc) provided by SimTek and FlightSafety Simulation |
| Sound System | SimPhonics | SMX Digital Sound |
| Instructor Operating Station | Opinicus/Textron | Dual 21-inch touch-screen.  Complete malfunctions, repositioning, and host controls.  Windshear modules as well as all FAA-required Level-D simulations (icy runway, etc.). |