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## FOR SALE \$200,000 Atlantis refurbished, re-hosted, King Air C90, Cockpit Specific

**Flight Training Device Powered by  
Microsoft Lockheed Martin's Prepar3D® FAA Certifiable to AATD  
fully digital, upgradeable, software- driven flight training device.  
Comes with new Sim to Sim interactive technology**

### Re-configured Scope of Work:

1. Re-configured and re-hosted Atlantis C90 FTD.
2. Completely dis-assemble the FTD, and re-furbish it to new condition with our own added hardware and software. (Lockheed Martin Microsoft 3 PD software)
3. Test Fly and obtain FAA AATD Certification under our company name.
4. Meet the specification and description according to the attached documents.
5. Offer the client an Extended Parts and Labor Limited Warranty, if desired.

### Pricing:

FAA Approved, C90 Configuration, AATD, Atlantis Re-Configured  
Professional Installation and Setup Included Professional Packaging Included  
Operator and maintenance training Included  
1 Year Parts and Labor Limited Warranty Included  
Total Price (excluding crating, shipping, taxes, duties, tariffs) \$200,000



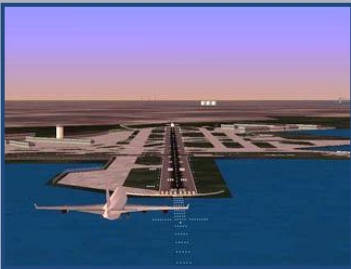
Standard King Air fi-  
berglass and closure



Optional King Air  
nose section

**Optional instructor's  
station**

**Visuals displays can  
be projection or  
monitors**



### **FEATURE HIGHLIGHTS**

Pilot/Copilot Instruments can be reconfigured from instructor's console

Realistic B200 fiberglass / metal cockpit enclosure, mounted on a heavy-duty metal frame platform,

Fully Adjustable, B200 replica pilot seats.

Artificial Horizon (Interchangeable with ADI / EADI)

HSI (Interchangeable with EHSI)

Avidyne EXP-5000 PFD on Pilot side or Copilot side (optional)

Garmin GN S530 GPS

Collins Pro Line II Radios Comm. 2

Collins VHF transceiver • Collins Nav 2

Collins VOR/LOC/GLS/MKR Receiver

Collins ADF Receiver

Collins Transponder

Bendix/King Autopilot

Bendix/King Altitude / Vertical Speed Mode Control Panel

Simulated Audio Panel

Artificial Horizon (Interchangeable with ADI / EADI)

Altimeter (Interchangeable with "drum" altimeter with digital readout)

HSI (Interchangeable with EHSI)

Engine instruments markings interchangeable between 90, 100, 200, 300, 350, 1900

All items on a King Air B200 checklist can be accomplished

Accurate NAVDATA based navigation database with available updates.

Dedicated, Graphical Instructor's Console and Station" (GICAST™), with 19" LCD monitors.

Multi-segment, 200 degrees, ultra-high resolution Visuals, with monitors or curved screen, with overhead projection, Accurate representation of terrain, airport and runway environments.

Dedicated image generators, main server computers, Complete set of Operating Manuals, Training Manuals, and other technical documentation maintenance drawings and parts list.

One Year Parts and Labor, Limited

Warranty, with available on-site service.

### **AERODYNAMICS COEFFICIENT & DERIVATIVES TO INCLUDE:**

Basic Aerodynamic Model includes all stability, control, lift and drag coefficients through the aircraft flight envelope with all the pilot-operating handbook specified geometry variation. Includes the effects for ground proximity on the aerodynamic design coefficients and takeoff and landing performances.

Lift, drag, side force, pitching moment, rolling moment, yawing moment, CG and moments of inertia, basic lift coefficient, ground

**INSTRUCTOR STATION:**

The instructor station is the primary training control station. The AATD/FTD is turned on from a single switch at the instructor station. The instructional scenarios and flight environments are selected from the instructor station.

The instructor station consists of keyboard, mouse, monitor and printer. Also at the instructor station is an instructor control panel (or box) which includes the main power, electromechanical control loaders (ECLS) control, audio controls with headset connection and the emergency stop.

**COMPUTATIONAL SYSTEM**

The computational system is housed in one nineteen-inch rack located at the front of the cockpit. The system includes both the host and ECLS computers and the image generator (visual) system. The computer provides all the interfaces between the cockpit, instructor station and visual system.

**PROPULSION MODEL:**

This AATD/FTD will include propulsion model of the Beach 200 Pratt & Whitney PT 6 relating throttle position with the relevant engine parameters and resulting thrust. Accounts for applicable installation effects, ambient temperature and pressure variations, plus

**LANDING GEAR:**

The landing gear is controlled by a two-position switch, which must be pulled out of the safety detent before it can be moved to the opposite position. The landing gear handle and gear lighting system will be as in the Piper Seminole and function correctly. Instructor requested failures of Up, Down, and in Transition malfunctions are included.

**NAVIGATION:**

The **SimServices Series AATD/FTD** utilizes Navigational database of the entire lower 48 states, with up-date capabilities. Instructor may fail any navigation station in real time.

**Network Capabilities:**

The **SimServices Series AATD/FTD** is able to connect with an Air Traffic Control Simulator. (The capability to see other aircraft with the new digital color visual system and to communicate with other **SimServices Series AATD/FTD** is an available option.) Flight playback is included along with the ability to have printed results.

**SOUND SYSTEM:**

The **SimServices Series AATD/FTD** sound system



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