

# RC-12X Cockpit Procedural Trainer

**DELIVERING REALISTIC COCKPIT PROCEDURAL, SUSTAINMENT,  
AND ANNUAL TRAINING ANYTIME, ANYWHERE**

The Leidos RC-12X Cockpit Trainer (CPT) provides cost-effective, immersive pilot and copilot training on procedures and specialized tasks — without leaving the mission. The RC-12X CPT is a compact, reconfigurable, modular, and fully integrated training simulation solution that provides savings on fuel, aircraft maintenance, personnel travel, and mission focus.

This simulator supports aircrew in a multitude of cockpit procedures for the RC-12X and Hawker Beechcraft King Air 350ER aircraft using Rockwell Collins Pro Line 21™ avionics systems. It trains pilots and crew members in every preflight check, including engine start and shutdown procedures.

Leidos and its team members, including Fidelity Flight Simulation, Inc., developed the RC-12X CPT system trainer for the U.S. Army Program Executive Office for Simulation, Training, and Instrumentation (PEO STR).



## KEY FEATURES OF THE RC-12X CPT

- ▶ Realistic design using actual, salvaged and refurbished parts to duplicate the exact cockpit
- ▶ Touchscreen displays replicating the aircraft's actual controls, dials, and switches
- ▶ Out-the-window (OTW) view for observing weather, times of day, runway lights, and more
- ▶ Over 600 operationally relevant procedures and tasks
- ▶ CPT databases for virtually all landing fields
- ▶ Instructor operator station (IOS) for monitoring and insertion of simulation malfunctions
- ▶ Easy observation of pilot actions with two articulated arms and supplemental instructor panel
- ▶ After-action review (AAR) with playback in a VCR mode
- ▶ Scenario development tool for customized scenarios.
- ▶ Modular design enabling reconfiguration within 30 minutes for different avionics suites and new software loads
- ▶ Easy installation and portability, enabling disassembly, move, reassembly and operation within 48 hours
- ▶ Low power draw using standard 20- or 30-amp and a regular wall socket plug.

The RC-12X CPT is among the first compact, fully integrated training systems that include all hardware, software, media, and documentation necessary to serve as the medium for training aircrews in a multitude of ground and flight tasks. This simulator is helping to set the standard for the cost-effective delivery of procedural and annual training to pilots today and make it easy to sustain specialized skills and proficiencies in the future.

## ABOUT LEIDOS

Leidos is a science and technology solutions leader working to address some of the world's toughest challenges in national security, health, and engineering. The Company's 23,000 employees support vital missions for our government and the commercial sector, develop innovative solutions to drive better outcomes, and defend our Nation's digital and physical infrastructure from 'new world' threats. Leidos is headquartered in Reston, Va. and had approximately \$6 billion in revenues for fiscal year 2013, on a pro forma basis, following the spin-off of the company's technical, engineering and enterprise IT business on Sept. 27, 2013. For more information, visit [www.leidos.com](http://www.leidos.com).



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