VIRTUAL AVIONICS PROCEDURES TRAINER

HIGH-FIDELITY, REHOSTED AVIONICS TRAINING

Timely retraining with lower costs

The Collins Aerospace Virtual AvionicsProcedures Trainer (VAPT) enables flight crews to gain critical experience working with new avionics prior to entering a simulator. In some cases, the VAPT is available before the updated aircraft is put into service, significantly reducing the costs and downtime of having them wait to train on real assets.

Built on a unique combination of commercial off-the-shelf (COTS) and PC-based hardware, and seamlessly integrated with rehosted Collins software, including Pro Line Fusion®, Pro Line 21™, CAAS and Flight2™, the VAPT lets crews familiarize themselves with the capabilities, functions and procedures of new avionics on a high-fidelity trainer

that looks and operates exactly as they will on the aircraft.

The VAPT is also designed to be highly flexible, adaptable and scalable, allowing crews to prepare for full flight simulator training, full instrument flight rules (IFR) training, familiarization and differences training on Collins avionics, mission rehearsal and pre-mission planning.

KEY FEATURES & BENEFITS

- High-fidelity training early in upgrade program
- Wireless instructor operator station
- Compact footprint fits in a typical office environment
- Flexible and scalable simulator-common software
- Virtual avionics components and ad hoc hardware
- Scalable to multiple aircraft platforms
- Reduced operational and training costs
- Fielded for fixed- and rotary-wing platforms, flight training companies and foreign militaries
- Out-the-window visuals powered by the desktop Collins EP®-80 image generation system

Collins Aerospace
An **RTX** Business

FEATURES AND BENEFITS

- Software based for ease of reconfiguration
- Scalability to multiple aircraft platforms
- Flexibility that enables future software upgrades without hardware modifications

THE VIRTUAL FLIGHT DECK

Using a combination of large touch screens and virtual graphic representations of actual Collins display software, the VAPT looks and functions like the real thing.

The VAPT's unique software rehosting architecture guarantees that when you change equipment or upgrade displays in the aircraft, all it takes is a software upgrade to enable flight crews to train on the same new avionics they will use during real flights.

SIMPLE UPGRADABILITY – SUPERIOR CAPABILITY

If your fleet is equipped with Collins avionics, the VAPT is the most cost-effective and flexible solution. The displays and virtual controls are created using our avionics software rehosted on COTS, PC-based hardware, simplifying future upgrades without expensive LRUs or hardware to change.

Your VAPT system will always be up to date. And, since it's all software based, you can easily switch from one flight deck to another using the same hardware, making it the perfect solution for operators flying a mixed fleet.

MADE BY THE PEOPLE WHO MAKE THE AVIONICS

No other avionics procedures trainers are built and supported by the company that makes the avionics they simulate. Pilots walk away from a VAPT session with the knowledge and confidence they need to safely operate in today's active air-traffic-control environment.

THE TRAINING CONTINUUM

The VAPT is just part of our full spectrum of cost-effective training solutions. As a world-leading avionics supplier, we provide an array of training solutions to ensure that our customers get the greatest benefits from their avionics systems.

Our training portfolio includes instructor-led training, desktop and web-based tools and full-motion flight training devices, all part of our unsurpassed level of support. Other services include product documentation, spares, onsite service and full warranty support.

Wireless instructor operating station

Specifications subject to change without notice.