

Avionics FMS desktop trainer



Flight Management System (FMS) familiarization, driven by the aircraft's actual avionics software and supported by the original avionics supplier – Rockwell Collins.

Today's advanced integrated avionics suites give pilots more information and situational awareness than has ever been available in the cockpit.

The challenge is that these systems are very sophisticated and require a high degree of specialized training to ensure that flight crews can use them to their fullest advantages without increasing pilot workload.

A truly effective solution is the Rockwell Collins FMS desktop trainer (DTT). Our solution uses the same software that is used by the actual Rockwell Collins FMS and display avionics software.

This desktop reuse of actual software allows pilots to learn new equipment faster, more effectively, without negative habit development which saves time and money, and increases safety.

This avionics simulation is not only an effective familiarization and training tool, it is also a valuable addition to any pilot's flight bag. Pilots can actually pre-plan their flights using the Rockwell Collins FMS DTT on their laptops and then download the data into the aircraft's Rockwell Collins FMS.

That's a huge time and money saving benefit. No more sitting in the cockpit with the generator or APU running. Just load the flight plan from a memory stick and go.

KEY BENEFITS

- ▶ Practice with new Rockwell Collins avionics at one's own pace
- ▶ Aircraft-specific products to reduce negative habit formation

- ▶ All versions of FMS DTT run on Windows® XP®-based computers with most running on Windows 7
- ▶ Ability to update navigation databases with a Rockwell Collins subscription
- ▶ Pre-loading flight plans with the Virtual Avionics saves time and money

KEY FEATURES

- ▶ Because the actual avionics software is 're-hosted' the Virtual Avionics desktop trainer looks and operates like what is in the cockpit, giving 100 percent training fidelity
- ▶ Provides virtual Control Display Unit (CDU) and Multifunction Display (MFD) formats
- ▶ Rockwell Collins Integrated Flight Information System (IFIS) sets are also available

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THE IDEAL FMS TRAINING TOOL

A modern FMS is one of the most complex, yet vitally important components of a modern cockpit. In today's crowded airspace, it is critical that pilots accurately enter all the necessary flight plan data. The FMS DTT is the ideal FMS trainer. Pilots can enter all the data for a real flight plan using either single or dual FMSs. Since the simulation uses the same software as the aircraft's FMS, pilots have accurate data they need including navigation, performance, V-speeds and more. Virtual Avionics also features representations of all control panels, displays, non-avionics controls like throttles to practice, and master complicated cockpit automation tasks.

To confirm their data entries, pilots run a simulation and can watch as that flight is completed from take-off to touch down.

WITH ROCKWELL COLLINS FMS DTT, YOU TRAIN LIKE YOU FLY

Rockwell Collins FMS DTT is aircraft specific, so the software package you buy is the same as the equipment you have in your aircraft, which greatly enhances the training experience. This desktop solution is available for Pro Line Fusion®, Pro Line 21™ and Pro Line 4™ avionics suites. Rockwell Collins Integrated Flight Information System (IFIS) simulation is also available with some models.

Currently, Rockwell Collins FMS DTT is available for the following aircraft types:

Aircraft type	Pro Line type	Windows 7	IFIS
Bombardier Challenger CL-300	Pro Line 21	X	
Bombardier Challenger CL-604	Pro Line 4	X	
Bombardier Challenger CL-605	Pro Line 21	X	
Bombardier Challenger CRJ200	Pro Line 4	X	
Bombardier Challenger CRJ900	Pro Line 4	X	
Bombardier Lear 60XR	Pro Line 21		X
Cessna CJ3	Pro Line 21	X	X
Dassault Falcon 20/50	Pro Line 4		
Dassault Falcon 20/50EX	Pro Line 21		X
Dassault Falcon 2000	Pro Line 4		
Raytheon Hawker 800XP	Pro Line 21		X
Raytheon BJ400A/H400	Pro Line 4		
Raytheon King Air 350	Pro Line 21	X	X
Raytheon T44	Pro Line 21		
Premier II	Pro Line 21		
Global Express 5000/6000	Pro Line Fusion	X	X
Gulfstream G280	Pro Line Fusion	X	X
Citation XLS+	Pro Line 21	X	

MADE BY THE PEOPLE WHO MAKE THE AVIONICS

It's a highly cost-effective solution that enables pilots to virtually train on the equipment they will use in the aircraft. Pilots walk away from a desktop training session with the knowledge and confidence they need to safely operate in today's active ATC environment.

THE TRAINING CONTINUUM

FMS desktop training is just part of Rockwell Collins' full spectrum of cost-effective training solutions. As a world-leading training supplier, we provide an array of training solutions to ensure that our customers get the greatest benefits from their avionics systems. Rockwell Collins' training portfolio includes everything



from instructor-led training and web-based tools, to procedure trainers through full-motion flight training devices.

Training is just part of our unsurpassed level of support. Other services include product documentation, spares, on-site service and full warranty support.

MINIMUM SYSTEM REQUIREMENTS

- 2 GHz or greater CPU
- 4 GB or greater of memory
- Windows® XP® (some models designed for Windows 7)
- 1.5 GB of free disk space
- ATI® Radeon graphics card with Version 7.12 of ATI Catalyst drivers
- nVidia® Quadro FX product line (or newer) graphics card

OPTIONS

- Enhanced FMS DTT – includes all the functions of the standard version, plus:
 - Touch screen interface with GUI
 - ILS/VOR Nav-to-Nav Transfer
 - High performance computer and two touch screen monitors
 - Reposition GUI
- Ability to add physical avionics hardware like a CDU, RTU, MKP or CCP integrated with FMS

Building trust every day.

Rockwell Collins delivers smart communication and aviation electronic solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

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