

Flight Management System Trainer



A320



B737NG

Our Flight Management System Trainer (FMST) provides Pilots the opportunity to develop and practice flight management skills in a high fidelity true freeplay environment.

All required avionics are fully integrated, while aerodynamics and engine models offer the capability to set the thrust, flaps/slats, speed brakes and landing gear to allow for a genuine experience within the aircraft's operating envelope.

All L3 Commercial Training Solutions' (L3 CTS) products are developed using Aircraft and Avionics OEM Data. This data is utilized by our staff of simulation engineers to develop real-time simulation models used throughout the L3 CTS Product Line.

Features

- Standard/Custom Aircraft
- Configuration
- Freeplay Environment
- SNAPSHOT
- Lesson Plan Editor (LPE)

FMST Avionics

- Flight Management Computer (FMC)
- Flight Instruments
- Autopilot
- Autothrottle/Autothrust
- Navigation Radios
- All Associated Control Panels & Displays



Application & Use

- Flight Crew Training:
 - ▶ Standard Operating Procedures (SOPs)
 - ▶ ATC Clearance Modifications
 - ▶ Instructor-led System Review Classroom Training
- Practice Preflight and In-flight Procedures for:
 - ▶ Flight Management System
 - ▶ Autopilot
 - ▶ Electronic Flight Instrument Systems (EFIS)
 - ▶ Navigation
- Realistic Manual Flight Controls for the following:
 - ▶ Thrust
 - ▶ Slats
 - ▶ Flaps
 - ▶ Speed Brakes
 - ▶ Landing Gear
- Individual Self-paced Practice & Familiarization
- FFS Briefing Tool

User Interface

- Simulation Control: Freeze, Ground Reset, Acceleration (X10), SNAPSHOT
- Reposition: Airport, Runway, Navaid, Previous/Next Waypoint

Customer Options

- Custom Aircraft Configurations (TCAS, ACARS, FANS/CPDLC, etc.)
- Custom Simulation Pin Options
- Simulated Aircraft Hardware (SAH) Control Panels (CDU, MCP/FCU)
- Maintenance Functions
- FMS/Avionics Re-host (where available)
- Integration into Customers' Existing LMS & CBT Environments
- Flight Plan Uplink to Load FMST Data to Full Flight Simulator (where hardware permits)

Navigation Database

- Generic Worldwide Navigation Database
- Ability to use Customer's Company Navigation Database

Lesson Plan Editor

- Authoring Tool to Create Custom Lessons/Tutorials
- User Friendly Interface

Deployment

- USB
- CD-ROM

Minimum PC Requirements

- Processor: Any PC Intel Compatible Processor purchased in the last 5 years
- Memory¹: 1 GB RAM for Windows XP, 2 GB RAM for Windows Vista, 4 GB RAM on Windows 7 or Windows 8
- Video Card²: Capable of Supporting OpenGL
- Hard Drive³: 4 GB Available
- Operating System⁴: Windows XP/Vista/Windows 7/Windows 8
- CD-ROM: 32X Speed or Greater

Disclaimers:

¹ Some products may require more memory to run the product. The exact specification should be finalized after reviewing technical specifications.

² The card specification will be determined upon reviewing the graphical requirements of the software.

³ Only products that require loading data files (like NDB data) from external sources will require the floppy drive.

⁴ ARM versions of Windows 8 such as Windows RT are not supported.

Note: Minimum computer requirements are not applicable to B787 since these have specialized requirements requiring the use of server computers. The minimum requirements are intended to serve as a general guideline. Certain products may run on systems with less than the minimum requirements listed. Please contact L3 CTS with questions regarding any specific computer configurations.

**Contact us for more information on how we
can provide the solution to fit your training needs.**

L3CTS.com



Commercial Training Solutions