

Virtual Flight Deck



A320



B737NG

Our Virtual Flight Deck (VFD) is the complete simulation of an Aircraft's Systems and Flight Deck, brought to life on a PC.

With the VFD, pilot and maintenance technician trainees can view and operate all panels, controls, indicators, and displays within the flight deck. The VFD provides real-time interaction with every system in a freeplay environment to help master systems and phase of flight procedures, including emergencies.

All our Training 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 Commercial Training Solutions' Product Line.

Features

- Standard/Custom Aircraft
- Configuration
- High Fidelity Simulation & Graphics
- Active System Schematics
- Malfunctions
- Freeplay Environment
- SNAPSHOT
- Lesson Plan Editor (LPE)
- Distance Learning



VFD Features:

Application & Use

- Flight Crew Training:
 - ▶ Standard Operating Procedures (SOPs)
 - ▶ Instructor-led System Review Classroom Training
- Flight Procedures:
 - ▶ Normal
 - ▶ Non-normal/Emergency
- Individual Self-paced Practice & Familiarization
- Full Flight Simulator Briefing Tool

User Interface

- Simulation Control: Freeze, Ground Reset, Acceleration (X10), SNAPSHOT
- Reposition: Airport, Runway, Navaid, Previous/Next Waypoint
- Pan & Zoom
- Panel/Schematic Layouts for Individual Systems

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)

Maintenance Options

- Operational Tests (Systems & BITE)
- AMM & Troubleshooting
- MMEL Maintenance Procedures
- Servicing

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 3 years
- Memory¹: 2 GB RAM for Windows XP, 3 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

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 Commercial Training Solutions 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