



L3 Link's Solutions are Structured to Support Guaranteed Student Training



L3 Link Training & Simulation's proven C-27J training systems integration expertise delivers fully-qualified, combat-ready pilots and loadmasters to operate a platform designed to transport vital supplies and troops the last tactical mile.

Aircrews hone their skills by undergoing a rigorous academic curriculum at an L3 Link-led C-27J schoolhouse. In addition to classroom training, C-27J aircrews gain training on a wide range of training devices that includes the Operational Flight Trainer for pilots and Fuselage Trainer for loadmasters. As part of this comprehensive turnkey training solution L3 Link provides, operates and maintains all instructors, courseware and training systems.

Individual courses enable aircrews to gain relevant transition, recurrent and acceptance training. Pilot transition training provides type qualification and tactical mission training, enabling students to become proficient in all tasks necessary to fully employ the C-27J. Pilot recurrent training provides necessary ground instruction and flight simulation training to ensure pilots remain proficient. Loadmaster qualification and recurrent training ensure students are proficient in C-27J operational and tactical tasks.

L3 Link's C-27J Training System solutions are structured to support guaranteed student training throughput. As aircrews systematically complete the C-27J schoolhouse curriculum they undergo classroom instruction and training on devices, including operational flight trainers, part task trainers and the C-27J aircraft.

OPERATIONAL FLIGHT TRAINER

The C-27J Operational Flight Trainer (OFT) moves on a six degree-of-freedom electric motion system and meets FAA Level D-equivalent standards. Aerodynamic data has been collected from the actual aircraft that enables these high fidelity simulators to meet all of the platform's stringent operational requirements.

Each simulator's visual system provides a 200 degree horizontal by 40 degree vertical field-of-view with outstanding resolution powered by state-of-the-art Liquid Crystal on Silicon projectors. Delivered with a worldwide database, the C-27J simulators also can be provided custom databases. Visual system databases simulate a full range of weather effects. Visual, infrared, radar and tactical environment databases are correlated to support high fidelity training.

Depending on customer requirements, C-27J OFTs can be delivered as fixed-based trainers. Higher resolution, larger field-of-view out-the-window visual system displays are optional.

C-27J TRAINING SYSTEM



INSTRUMENT FLIGHT TRAINER

The C-27J Instrument Flight Trainer (IFT), a fixed-based simulator that can include an out-the-window visual display, enables aircrews to receive instruction in essential elements of cockpit resource management and crew coordination within a highly realistic cockpit environment.

PART TASK TRAINER

C-27J Part Task Trainers (PTT), which provide tactically-relevant cockpit fidelity, enable pilots to focus on tactical employment and procedures-based training. The C-27J PTT can be integrated with a limited field-of-view flat panel visual display.

FLIGHT MANAGEMENT SYSTEM DESKTOP TRAINER

Prior to training on the C-27J OFT, aircrews gain computer based training on a Flight Management System Desktop Trainer (FMS DTT). This training device combines software simulations with computer graphics to illustrate the aircraft control/display unit.

PHOTO COCKPIT MOCK-UP TRAINER

A Photo Cockpit Mock-up Trainer familiarizes pilots with the layout and position of all aircraft switches used during start up, run up and shutdown checks. Maintenance crews can use this training device to gain an understanding of switch position and avionics hardware location.

C-27J AIRCRAFT FLIGHT TRAINING

L3 Link's comprehensive solution includes using C-27J aircraft for training. In-flight training is done using the customer's C-27J platform.

TRAINING COURSES AND MATERIAL

L3 Link offers a full training curriculum in our U.S.-based schoolhouse that includes computer based training, simulated flight training, and in-aircraft instruction. Training material can be developed and delivered to meet any and all country-specific schoolhouse needs consistent with unique customer C-27J training requirements.

TRAINING MANAGEMENT SYSTEM

A Training Management System (TMS) is available in support of course management, student records, instructor performance, resource management (training aircraft, training aids and devices, classrooms and brief/debrief rooms) and crew scheduling.



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