Lockheed Martin Delivers F-16I Flight Systems Trainer To Israeli Air Force

Lockheed Martin Corporation has delivered the Israeli Air Force (IAF) F-16I Flight and System Trainer (FST) that will be used to support a variety of training requirements for the IAF F-16I "Soufa" fighter and ground attack aircraft. Delivery of the simulator is part of a contract originally awarded in January 2006 that calls for Lockheed Martin Simulation, Training & Support (STS) to provide emergency procedures, aircraft systems operation, and tactical and weapon systems crew training.

Lockheed Martin provides the hardware and software to simulate F-16I aircraft systems, sensors, weapons and flight dynamics. The training system foundation is built from Lockheed Martin's NxSys pre-integrated suite of simulation products. That suite includes the Instructor Operator Station (NxIOS), Flight Debrief Station for After Action Review (NxAAR), Tactical Environment Simulation (NxTES), Digital Radar Landmass Simulation (NxDRLMS) Air-to-Ground and Terrain Following (TF) radar, and NxView Sensor Image Generator Software for Low Altitude Navigation and Targeting Infrared for Night (LANTIRN(TM)) forward-looking mid-wave infrared (FLIR).

In addition, Lockheed Martin provides the Software Development Environment that will allow the Government of Israel to update the FST to support future training requirements. The Government of Israel separately procured the avionics simulation, cockpit and visual systems, which Lockheed Martin integrated before shipping the complete FST to Israel for installation.

"This training simulator will enable Israeli Air Force Pilots to enhance their skills using a realistic, high-fidelity and highly customizable system that is part of a total training package," said Colleen Arthur, Director of Fighter Trainer Programs at Lockheed Martin STS.

Lockheed Martin has a long standing relationship with the IAF, fielding the F-15I FST in 2003. That system has been in continuous operation, providing a training capability to meet Israeli Air Force. The two systems are co-located at an Israel Air Force Base providing centralized training for IAF pilots.

Headquartered in Bethesda, Md., Lockheed Martin employs about 140,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation reported 2007 sales of $41.9 billion.

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