



THE SOLUTION

L-3 Link Simulation & Training's F-16 SimuStrike™ is an effective low-cost and deployable tactical training solution. SimuStrike implements high-fidelity simulation solutions for all aircraft operational systems. It is designed to complement F-16 Full Mission Trainers as a force-multiplier, providing lead and wingman functions.

At the heart of SimuStrike is a fully-integrated avionics, air vehicle, weapons, targeting, and electronic warfare equipment simulation solution. These solutions provide support for radar engagements; targeting pod tracking, lasing, geo-coordination and buddy operation; fully-qualified Link-16 team member contributions and situational awareness; and Communication Navigation and Advanced Identify Friend/Foe (CNI) just to name a few.

SimuStrike provides exceptional capability to familiarize and train pilots on many training tasks. It can be operated as a standalone system or can seamlessly be networked into a larger distributed training mission scenario. This advanced trainer's small footprint enables it to be easily placed in an 8' x 10' office setting.

A wide array of visual display solutions are available to immerse the pilot in a virtual training environment that approximates real-world flying missions. A high-resolution graphical cockpit provides all heads-down cockpit displays, flight instruments and control panels to support all major flight, avionics, CNI and weapons system deployment tasks. High physical fidelity Hands-On Throttle and Stick (HOTAS) and an up-front controller data entry panel support critical hands-on combat tasks requiring optimal pilot responsiveness.

THE VALUE

- Low-cost, high-value training capabilities
- Operates with common software load and hardware computational components used on full mission trainers
- Common image generation system and visual/sensor imagery databases
- Full IR targeting and weapons system processing and display formats
- Stand-alone, self-training or multi-ship mission-level asset controls
- Embedded training and courseware preview and review capability
- Embedded mission control feature to manage ownship payload and environmental effects
- Small footprint



THE TECHNICAL EDGE

- High functional fidelity software solution for ownship air vehicle, avionics, targeting, CNI and Electronic Warfare subsystems
- Avionics package using actual aircraft OFP software for maximum realism and concurrency
- High-definition computer imagery that provides consistent resolution, brightness, contrast and scene content throughout the field-of-view.
- High-definition visual, sensor and natural environment
- Mission event markers, reset points, record, and debrief features

THE FLEXIBILITY

- Modular structure and integrated maintenance design affords ease of assembly and maintenance
- Commercial-off-the-shelf display and computer components support a low cost of ownership
- Multiple visual display options, from simple flat-panels with 20/40 visual acuity to helmet-mounted displays with 360-degree field-of-regard with embedded NVG capability and helmet mounted cueing system symbology capability

SIMUSTRIKE'S PROVEN CREDENTIALS

- Network-capable, force-multiplier
- Combat baseline concurrency
- Common databases
- Avionics/takeoff/landing/emergency procedures training
- Weapons employment/tactical training
- Deployable, small footprint
- Scalable common architecture across all components
- Optional rudder pedal assembly

SimuStrike has been qualified as a best value solution in recent M5 multi-ship training events.

As part of the L-3 Link's HD World® next generation product line, SimuStrike extends our commitment to providing superior high-fidelity training solutions.

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Link Simulation & Training

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