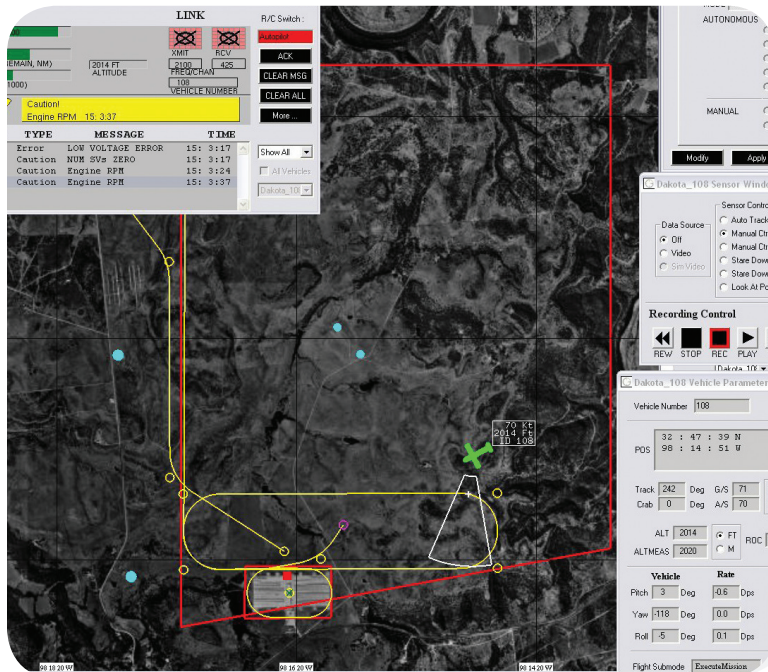


WHEN THE MISSION MATTERS



L-3 Geneva Aerospace's missionTEK[™] control station delivers UAS mission control and management through an easy to use systems interface.

The missionTEK architecture supports network-centric communications with multiple heterogeneous UASs. The interface displays all of the UASs on the situation display, while the software monitors the state and health of the entire UAS network. The pilot/operator can take control of an individual UAS in the network by simply clicking on that UASs icon in the information display.

KEY FEATURES¹

- Multi-aircraft, single pilot/operator
- STANAG 4586 messaging modules
- Falconview and Tactical Control Station Integrations
- A configurable Cautions, Alerts, and Warnings (CAWS) panel that alerts the operator to system malfunctions
- Push-button capability for autonomous takeoff and landing
- Airfield manager for autonomous takeoff and landing
- Flight status monitoring
- Aircraft and payload management interface
- Synthetic visual display interface¹

¹ Patent numbers: 5,904,724 and 5,566,073



missionTEK FEATURES

INTERFACE CAPABILITIES

- Intuitive, reconfigurable human-system interface
- Intelligent window displays and smart variables
- JPEG 2000 video decompression capability
- Cities, Roads, and Politics (CRP) vector map overlays
- Aircraft or vessel independence
- Live video display and recording
- Cautions, Alerts, Warnings (CAWS) display
- Can display custom boundaries and points of interest
- Payload management
- Vehicle Specific Modules (VSM)

CAPABILITY BASED CONTROL

- Variable levels of autonomous operations
- Real-time mission editing
- Simplified manual control interface
- Payload control interface
- Event planning with 2D and 3D waypoint and loiter patterns

NETWORK CAPABILITIES

- TCP/IP & UDP/IP network-centric communications
- Serial Line Interface Protocol (SLIP), Point-to-Point Protocol (PPP) and Ethernet data link interfaces

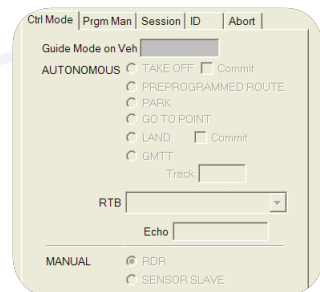
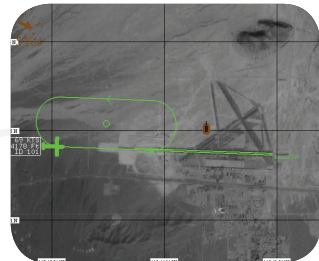
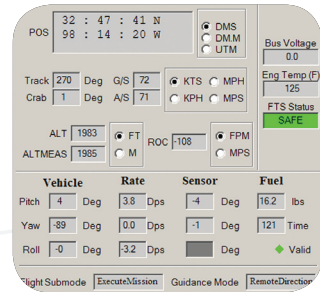
OPTIONAL CAPABILITIES

- Autonomous takeoff and landing
- Falconview mission planning and mapping
- Vehicle simulation system
- Synthetic Visual display interface
- Simulation training and mission analysis (with optional vehicle simulation system)
- ORCA mission planning
- STANAG 4586 messaging
- JAUS messaging

HARDWARE SPECIFICATIONS

- Can be hosted on a variety of COTS PC's
- Deliverable on a Panasonic Toughbook with Joystick
- Windows 2000 or Windows XP with Direct X
- 100M Free Disk Space
- 64K RAM, preferably 128M
- 32M Video Memory, preferable 64M

L-3. Leading. Headquartered in New York City, L-3 Communications employs over 63,000 people worldwide and is a prime system contractor in aircraft modernization and maintenance, C3ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, systems and subsystems. The company reported 2006 sales of \$12.5 billion.



Geneva Aerospace

4240 International Parkway
Suite 100

Carrollton, TX 75007

Tel: 888.320.AERO (2376)

Fax: 469.568.2100

www.L-3Com.com/Geneva



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