The Exceptional Expeditionary UAS

Autonomous Take-Off and Landing (ATOL)

The Viking 400 Unmanned Aircraft System (UAS) is integrated with Autonomous Take-Off and Landing (ATOL) technology supplied by L-3 Unmanned Systems’ flightTEK® system.

Command and Control

Viking 400 UAS flights are controlled using the Expeditionary Ground Control Station which uses differential GPS waypoint navigation combined with state-of-the-art digital data link technology that can expand to control multiple air vehicles with a single operator. Operational and data range of the Viking 400 UAS is >70 nautical miles line-of-sight (LOS) data link range with an endurance of 8-12 hours depending on payload weight integrated. Embedded sensor data processing provides automated Multi-INT ISR Operations.

Intelligence, Surveillance and Reconnaissance

The Viking 400 UAS can be equipped with a variety of payload technologies including, EO/IR, LIDAR, SIGINT, ELINT and Chemical/Biological/Radiological/Nuclear (CBRN). Payload capacity for the Viking 400 is 75-100+ pounds with nearly 7,000 cubic inches of payload volume.

Rapid Response

Designed for rapid assembly and disassembly in less than one hour with a crew of three to four, the Viking 400 UAS has a modular design that was engineered for ease of operation.

UNMANNED SOLUTIONS:
L-3 UNMANNED SYSTEMS.
Unmanned Systems

VIKING 400

VIKING 400 SPECIFICATIONS

SPECIFICATIONS

MGTOW (fuel + max payload): 540 lbs.
Empty Weight: 320 lbs.
Wing Span: 20 ft
Length: 14.7 ft
Power Plant-498i Twin Boxer Engine: 38 HP

PERFORMANCE DATA

Endurance: 6-10 hrs
Cruise Speed: 60 kts
Dash Speed: 90 kts
Launch: Autonomous on Wheeled Gear
Recovery: Autonomous on Wheeled Gear

DIMENSIONS

Wing Span: 20.0 feet
Length: 14.7 feet
Height: 5.0 feet

The Expeditionary Ground Control Station for the Viking 400 UAS is modular in design and adaptable to a variety of different shelters.

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L-3. Headquartered in New York City, L-3 Communications is a prime 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, subsystems and systems.