

Unmanned Systems

VIKING 400

THE EXCEPTIONAL EXPEDITIONARY UAS



- Fully Autonomous Take-Off and Landing
- 75+ lb Payload Capacity
- High Bandwidth Digital Data Link
- GPS Waypoint Navigation
- Small System Footprint
- All Composite Construction

VIKING
400

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.

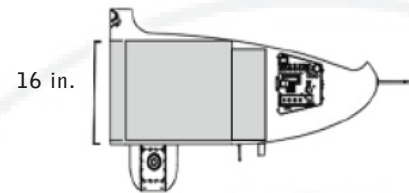
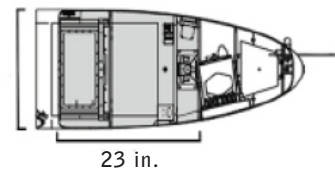
Intelligence, Surveillance and Reconnaissance

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.



Dimensional Drawing of the Viking 400 Payload Bay



Unmanned Systems

VIKING 400

VIKING 400 SPECIFICATIONS

SPECIFICATIONS

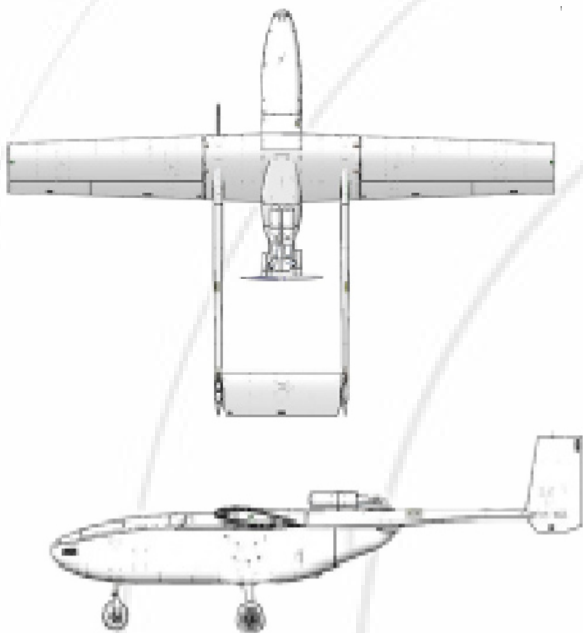
MGTOW (fuel + max payload):	530 lbs.
Empty Weight:	320 lbs.
Wing Span:	20 ft
Length:	14.7 ft
Power Plant-498i Twin Boxer Engine:	38 HP

PERFORMANCE DATA

Endurance:	8-12 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



L-3. Leading. Headquartered in New York City, L-3 Communications employs over 64,000 people worldwide and 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. The company reported 2008 sales of \$14.9 billion.

To learn more about L-3, please visit the company's Web site at www.L-3com.com.



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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