

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

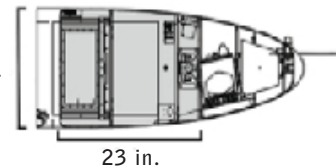
Viking 400 UAS flights are controlled using the Expeditionary Ground Control Station which uses differential GPS waypoint navigation combined with state-of-the-art digital data link technology that can expand to control multiple air vehicles with a single operator. Operational and data range of the Viking 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.

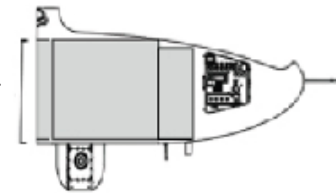
Rapid Response

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.



19 in.

23 in.



16 in.

Dimensional Drawing of the Viking 400 Payload Bay

**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

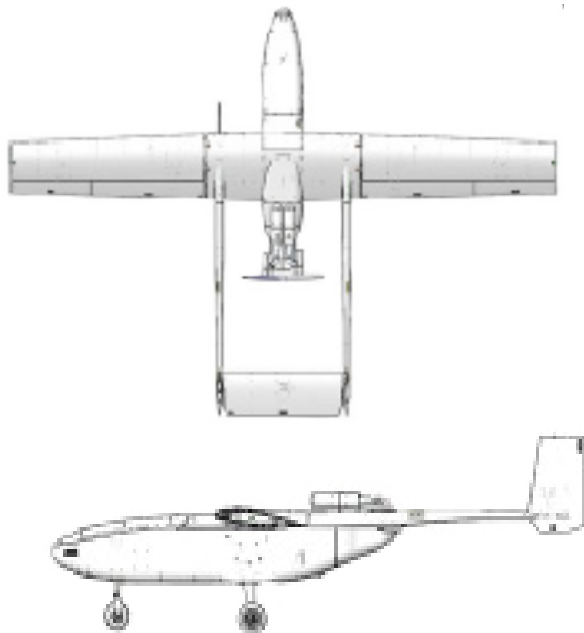
| | |
|---------------|----------------------------|
| Endurance: | 6-10 hrs |
| Cruise Speed: | 60 kts |
| Dash Speed: | 90 kts |
| Launch: | Autonomous on Wheeled Gear |
| Recovery: | Autonomous on Wheeled Gear |

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.



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.

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