Autonomous Take-Off and Landing (ATOL)
The Viking 400 Unmanned Aircraft System (UAS) features fully Autonomous Take-Off and Landing (ATOL) using L-3 Unmanned Systems’ On-board Precision Autonomous Landing System (O-PALS).

Command and Control
Viking 400 UAS flights are controlled using the Expeditionary Ground Control Station which uses state-of-the-art secure all-digital datalink 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. The mission system is capable of automated Multi-INT ISR Operations.

Intelligence, Surveillance and Reconnaissance
The Viking 400 UAS can be equipped with a variety of payloads, such as 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.
Viking 400 Information

PERFORMANCE DATA

- Fully autonomous take-off and landing
- Differential GPS waypoint navigation
- High bandwidth secure digital data link
- 75-100+ pound payload capacity
- Operational and data range is >70 nautical miles, line-of-sight (LOS)
- Small system footprint; assemble and fly in less than one hour
- Modular composite construction ensures interchangeability

SPECIFICATIONS

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGTOW (fuel + max payload)</td>
<td>540 pounds</td>
</tr>
<tr>
<td>Empty Weight</td>
<td>320 pounds</td>
</tr>
<tr>
<td>Wing Span</td>
<td>20.0 feet</td>
</tr>
<tr>
<td>Length</td>
<td>14.7 feet</td>
</tr>
<tr>
<td>Height</td>
<td>5.0 feet (Base of Wheels to Top of Vertical Stabilizer)</td>
</tr>
<tr>
<td>Power Plant</td>
<td>498is Twin Boxer Engine @ 38 HP</td>
</tr>
<tr>
<td>Endurance</td>
<td>8-12 hours</td>
</tr>
<tr>
<td>Cruise Speed</td>
<td>60 knots</td>
</tr>
<tr>
<td>Dash Speed</td>
<td>90 knots</td>
</tr>
<tr>
<td>Launch/Recovery Method</td>
<td>Autonomous on Wheeled Gear</td>
</tr>
</tbody>
</table>

 Payload Bay Approximate Dimensions (in inches)

The Expeditionary Ground Control Station Provides Command and Control for the Viking 400

The L-3 WESCAM MX-10 is the Standard Camera/Sensor Payload for the Viking 400 UAS

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