



- 8-10 Hour Endurance
- 30 Pound Payload Capacity
- 500W On-Board Alternator

VIKING 300

L-3 BAI Aerosystems' Viking 300 air vehicle offers users a tactical UAV capable of performing a wide range of remote sensing, precision dispensing, or other aerial robotic applications requiring reliable performance, long endurance, medium-sized payload capacity, and ease of use.

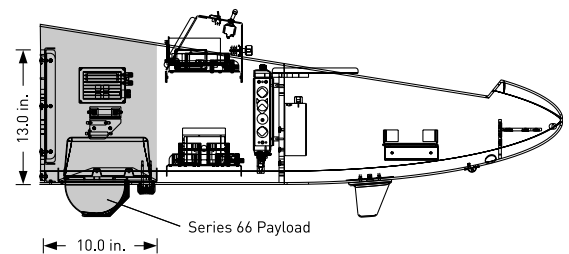
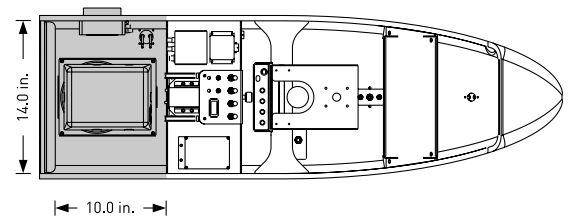
The Viking 300 is constructed of all composite materials and features a proven high-wing design with excellent ground clearance that allows operation from runways and semi-improved surfaces. Generous flaps enable short rolling take-offs and slow flight; electrically actuated main gear disc brakes quickly decelerate the air vehicle after touchdown, allowing short-field landings.

Viking 300's 290cc 2-stroke engine burns a conventional gas/oil mixture. Fuel for the 8-10 hour flight is contained in the air vehicle's fuselage tank. Air vehicle and payload are powered by a 500W alternator with rechargeable onboard batteries.

The Viking 300 payload bay is almost 2000 cubic inches and can accommodate various military and commercial payloads controlled by the ground control station data link. The modular construction allows for easy assembly and system enhancements as required.

Factory support includes training, payload integration, onsite flight services and full maintenance.

- Set and Ready To Fly in Under One Hour
- 50-75 Kilometer Range
- All Composite Construction



For more information, please contact L-3 BAI Aerosystems.



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Viking 300 air vehicle controlled by the Generation IV Ground Control Station

FEATURES

- Fully Autonomous
- GPS Navigation
- Small System Footprint
- 30 lb Payload Capacity
- UHF, L-Band, S-Band, C-Band Data Link
- All Composite Construction

SPECIFICATIONS

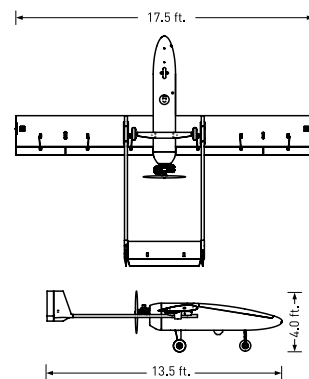
- GTOW (fuel+max payload) _____ 318 lbs
- Empty Weight _____ 210 lbs
- Wing Span _____ 17.5 ft
- Length _____ 13.5 ft
- Power Plant - Two Stroke Twin Engine _____ 25 HP

PERFORMANCE DATA

- Endurance _____ 8-10 Hours
- Cruise Speed _____ 56 kts
- Dash Speed _____ 70 kts
- Launch _____ Conventional or Pneumatic Launcher
- Recovery _____ Conventional or Optional Parafoil

Electrical System

On-board 500W alternator with rechargeable batteries that provide power for the air vehicle and payload.



For more information on the Viking 300 air vehicle, please contact L-3 BAI Aerosystems at: bai.sales@L-3Com.com or through our contact information listed below.

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The BAI Series 66 EO or IR payload configurations are lightweight and available for the Viking 300

BAI offers support equipment such as starters, fuel transfer pumps and more



The power plant is ideally located below the top of the fuselage in a cowling, reducing drag and improving engine performance.



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