Integrator®

Expeditionary, payload flexible and the most versatile UAS in its class

INSITU
A Boeing Company

UNMANNED AIRCRAFT SYSTEMS

Integrator is designed to be a modular, flexible and multi-mission capable solution on land and at sea. With 40 pounds of payload capacity, the aircraft can be customized to support your operational needs. And because no nets or runways are required, your footprint stays small, even when your mission is not.

KEY BENEFITS & FEATURES

Payload capacity

Payload modularity supports a wide range of missions and customizable payloads including electronic warfare, ISR and communications relay.

Flexibility

Runway-independent design easily operates from austere land-based sites and maritime environments.

Persistence

Range and endurance enable persistent detection, classification and tracking.

Communication

Encrypted command and control data link enables a line-of-sight operating radius beyond 50 nm / 92.6 kms, with electromagnetic shielding to support customized communications and radio frequency sensor payloads.

Interoperability

Compliant with relevant NATO and industry standards to allow interoperability across joint, coalition and allied forces.

Mobility

The system is transportable via ship, cargo aircraft (C-130, A400), cargo helicopters (CH-47, CH-53) and vehicles such as HMMWVs or JLTVs.

Proven experience

Our systems are backed by more than 1.3 million operational hours and deployed worldwide for defense, government and commercial customers with the most demanding mission requirements.

1.3 MILLION FLIGHT HOURS

50 GLOBAL SITES OF OPERATION

MODULAR FAMILY OF SYSTEMS

SERVICES, ACQUISITION AND FMS

LEARN MORE | Contact us at solutions@insitu.com
insitu.com

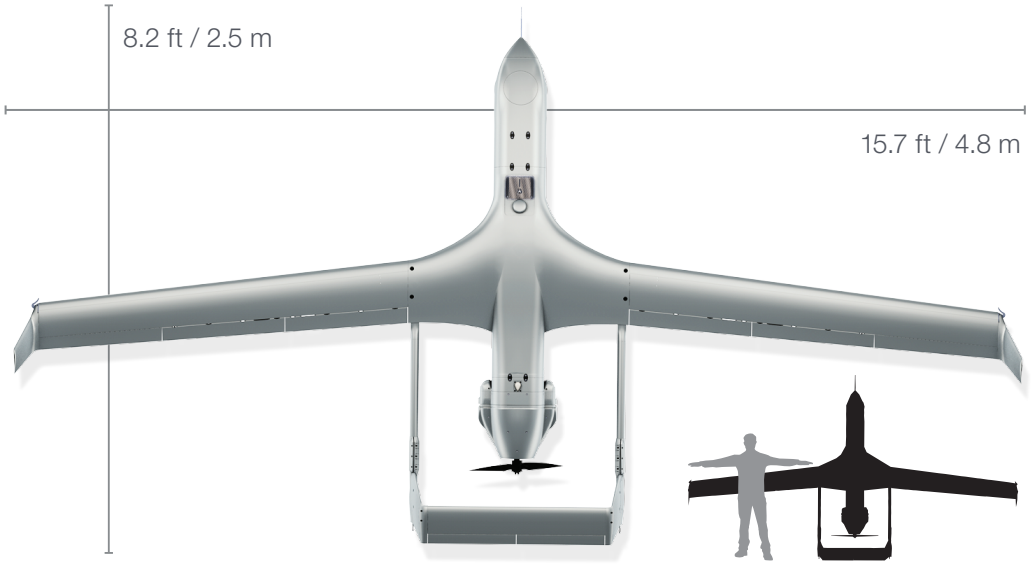
DU120320

Integrator®

**Supporting your mission…
wherever it takes you.**

INSITU
A Boeing Company

SPECIFICATIONS



SIZE AND WEIGHT

- Length: 8.2 ft / 2.5 m
- Wingspan: 15.7 ft / 4.8 m
- Max takeoff weight: 165 lb / 74.8 kg
- Max payload weight: 40 lb / 18 kg

PERFORMANCE

- Endurance: 24+ hours
- Ceiling: >19,500 ft. / 5,944 m
- Max horizontal speed: 90+ knots / 46.3 m/s
- Cruise speed: 55 knots / 28.3 m/s
- Engine: EFI using JP-5/JP-8 fuel

SENSOR AND DATA OPTIONS

- EO telescope (high zoom day FMV)
- MWIR/EO dual sensor (day & night FMV)
- ViDAR (maritime surface search)
- Laser designator/pointer/rangefinder
- Other integrated sensors

PAYLOAD INTEGRATION

- On-board power: 350 W for payload
- On-board connectivity: Ethernet (TCP/IP)

EXTENDED RANGE VARIANT AVAILABLE:

- Satellite-enabled beyond line of site (SATCOM BLOS) communications
- Extended flight distance potential of 200–300 nm
- >19 hours of time on station at 200 nm and 14 hours at 300 nm
- Max horizontal speed: 90+ knots / 46.3 m/s
- More secure and robust data link for transmitting information in austere locations
- Increased safety for personnel

LEARN MORE | Contact us at solutions@insitu.com
insitu.com

DU120320