Skylark™ 3 Hybrid

Long Endurance Tactical Mini UAS

The Skylark 3 Hybrid tactical mini UAS delivers ISTAR capabilities (Intelligence, Surveillance, Target Acquisition and Reconnaissance) to the division and brigade levels. The solution is based on the battle-proven Skylark™ family, with over 30 international customers and more than 100,000 operational flight hours.

The Skylark 3 Hybrid features a new hybrid propulsion system, electric and internal combustion, which dramatically improves mission reliability, redundancy and performance while demonstrating an extra layer of safety. The system is designed for operations in harsh conditions and capable of operation for up to 20 hours.

Skylark 3 Hybrid is a covert operation UAS, innovatively designed for fast arrival to the Area Of Interest (combustion engine) while operating in the area of interest in a silent mode (electrical engine) can be activated. It enables the combination of long endurance operation while providing real-time, day and night intelligence.

Elbit Systems™ ISTAR

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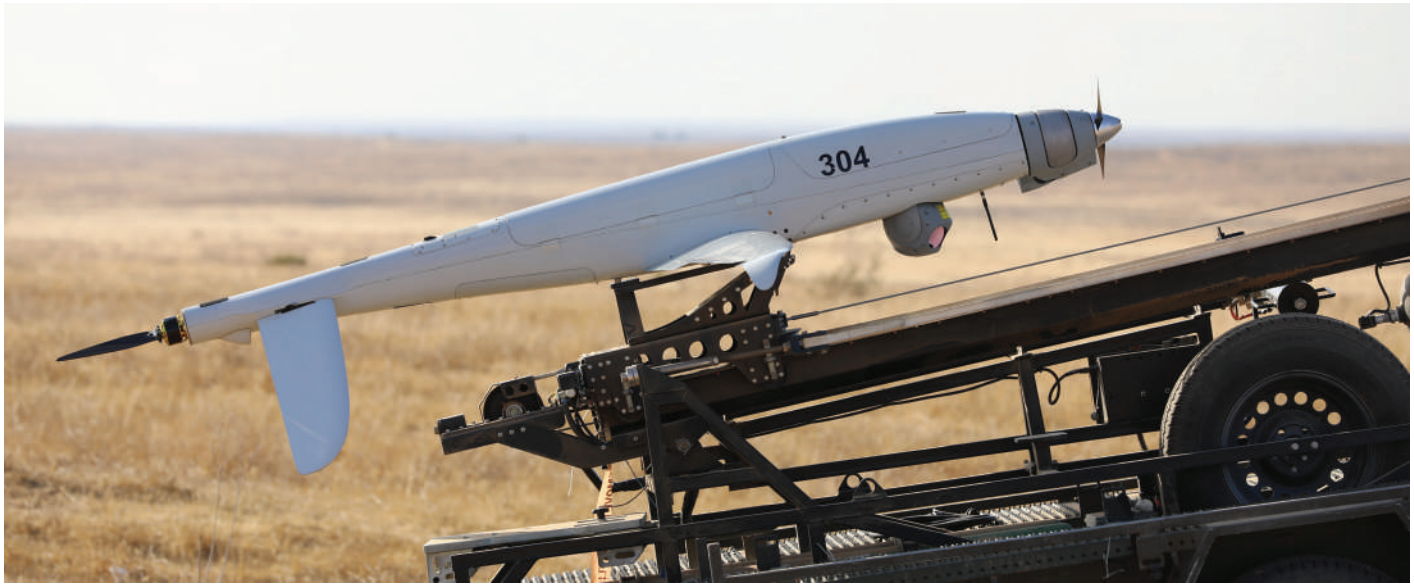
Skylark 3 Hybrid high resolution, gimbaled and stabilized dual EO/IR payload system provides advanced mission capabilities to facilitate a wide range of operations and applications including:

- ISTAR missions
- Strategic infrastructure protection
- Border patrol
- Force and convoy protection
- Search and Rescue
- Security operations

Key features:

- Real propulsion redundancy - the air vehicle consists of two engines, while one backs up the other to enable maximum reliability and safety capabilities
- Covert operation - the hybrid propelled air vehicle can fly and operate in the Area Of Interest in silent mode (electrical motor) - designed for covert missions
- Dual payload - high-resolution EO/IR gimbaled payload (a wide array of payloads, including EO/IR, Video analytics, ELINT, COMINT and more)
- Advanced mission features - ground stations handover, areal hot-swap and remote video terminals
- Simple to operate - fully autonomous from takeoff to landing
- Runway independent - does not require any infrastructure for takeoff and landing
- Rapid deployment – designed for easy setup in the field with a minimal crew

Endurance	18 hours
Wingspan	4.7 m
Max takeoff weight	48 kg
Range	120 km
Service ceiling	12,000 ft



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