

Condor (Atobá XR)

Unmanned aerial system



The Condor is a cutting-edge Medium-Altitude Long-Endurance (MALE) Unmanned Aerial System (UAS) designed for high-intensity, multi-domain operations. With an unrivaled 350 kg payload capacity and an endurance of up to 35 hours, the Condor delivers superior persistence, intelligence gathering, and mission flexibility for ISR, electronic warfare (EW), maritime patrol, and close air support.

Key Capabilities:

- Multi-Sensor Payload Integration:
- Front-mounted gimbal payload (75 kg) for EO/IR, SAR, or SIGINT applications.
- Center/wing-mounted payloads (350 kg) for EW suites, communications relay, or specialized mission kits.
- Persistent ISR & Surveillance: 35-hour mission endurance ensures continuous overwatch in critical areas.
- Advanced C4ISR Integration:
- Secure dual data-link system (radio up to 250 km, satellite for global reach).
- Ruggedized Ground Control Station (GCS) supports multi-aircraft operations and seamless control handover.
- Autonomous & Redundant Systems: Triple-redundant flight control computer enables autonomous takeoff, landing, and precision mission execution.

The Condor is a force multiplier, offering unmatched endurance, payload adaptability, and operational reliability, ensuring superiority in contested and high-risk environments.

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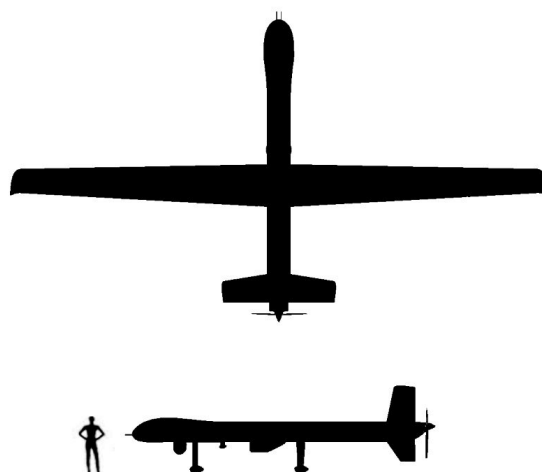
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Characteristics

Wing span:	17 m
Length:	11 m
Engine:	160 HP
Fuel:	Gasoline
Payload capacity:	350kg

Performance

Ceiling:	23000ft
Endurance:	40h
Cruise speed:	100kt
Take-off and landing:	600 m
MTOW:	1400 kg



Equipment

Front mounted gimbal (up to 52kg) or center/wing mounted equipment (up to 350kg) Triple redundant flight computer - capable of autonomous take-off and landing - Radio data-link (250 km range) or sat-com (unlimited range).



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