SURVEILLANCE

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INTELLIGENT AIRBORNE SOLUTIONS

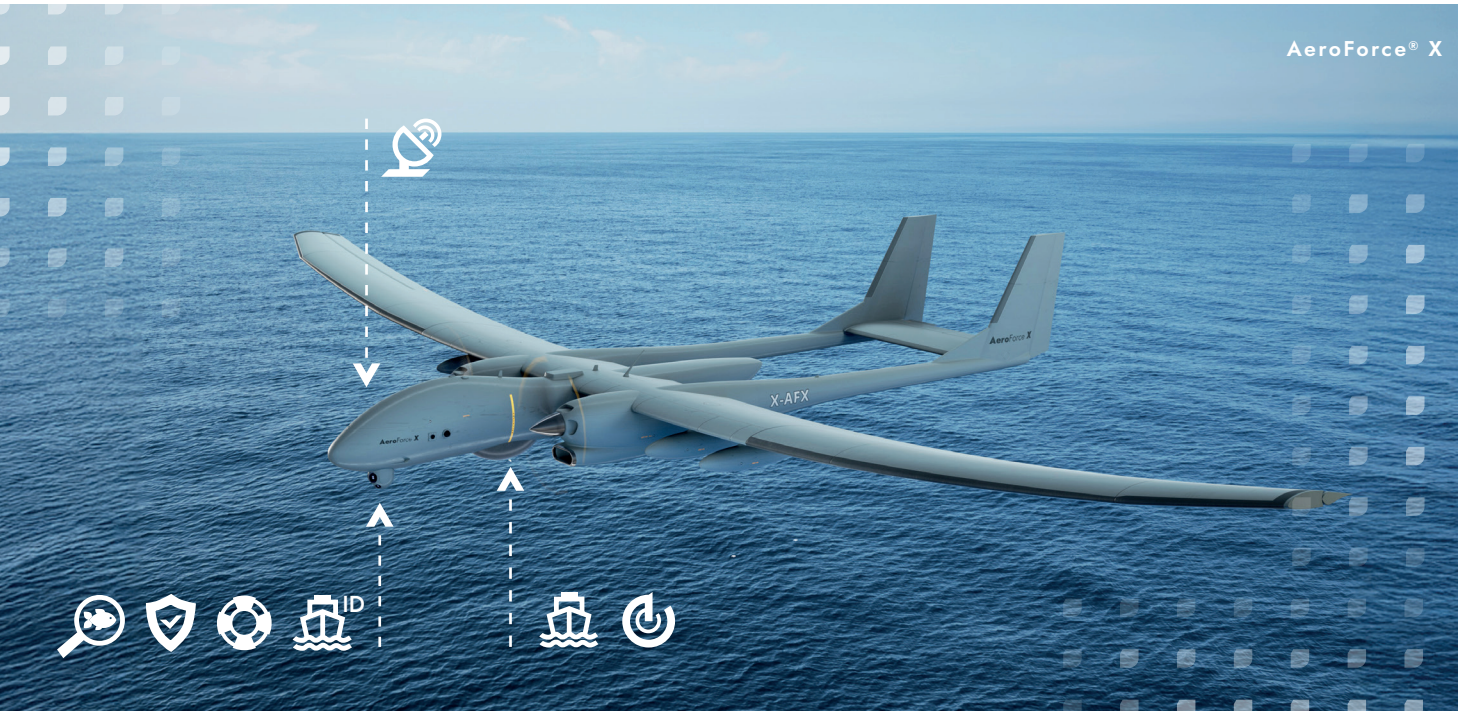


AeroForce® X

Unmanned Intelligence

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MALE UAS



AeroForce® X

Intelligence meets Endurance

AeroForce® X is our innovative turnkey solution, specially tailored to the demanding requirements of intelligence, surveillance and reconnaissance (ISR).

The modular MALE UAS can be configured flexibly for a wide variety of missions, from maritime surveillance to complex international operations. With state-of-the-art sensor and mission system technology from our company group, AeroForce® X guarantees maximum precision, range and endurance as an ITAR-free configuration – even under the toughest conditions.

A wide range of missions

not limited to

Maritime Intelligence, Surveillance & Reconnaissance
Pollution Surveillance
Anti-Narcotics Surveillance
Search & Rescue
Border Patrol
EEZ Monitoring
Fishery Patrol
Anti-Piracy

Platform Specifications

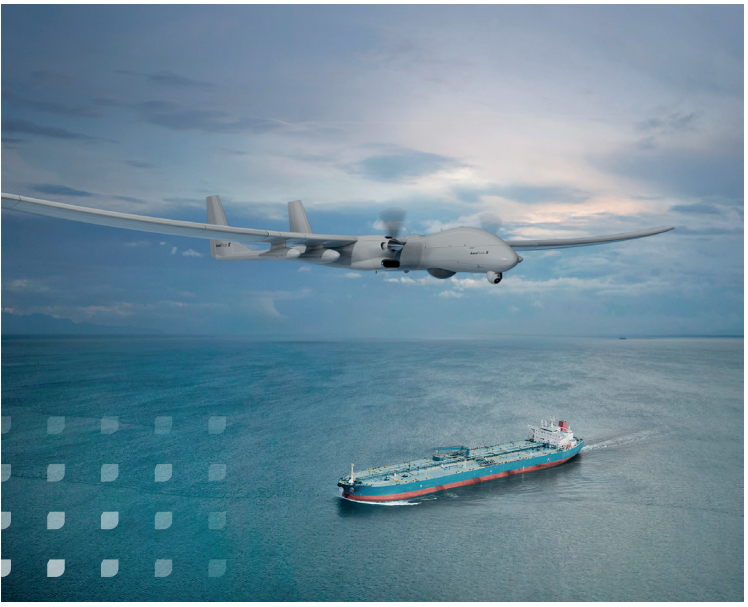
DIMENSION

MTOW	4.800 kg
Wingspan	26 m
Length	15 m
Height	4 m

PERFORMANCE

MALE (Medium Altitude Long Endurance) Capability	✓
Endurance	up to 40 hours
Mission payload	up to 1.300 kg
Range	up to 10.000 km
Service Ceiling	30.000 ft
Engines	Twin-Engines

40 HOURS OF ENDURANCE



THE TURNKEY SOLUTION INCLUDES

- Basic Airframe including basic sensor suite
- Ground Control Station (GCS) as GCS Shelter
- Ground Data Terminal
- Commissioning
- Training for Pilots, Sensor Operators and Maintenance Staff

INNOVATIVE

Modular Airframe Concept

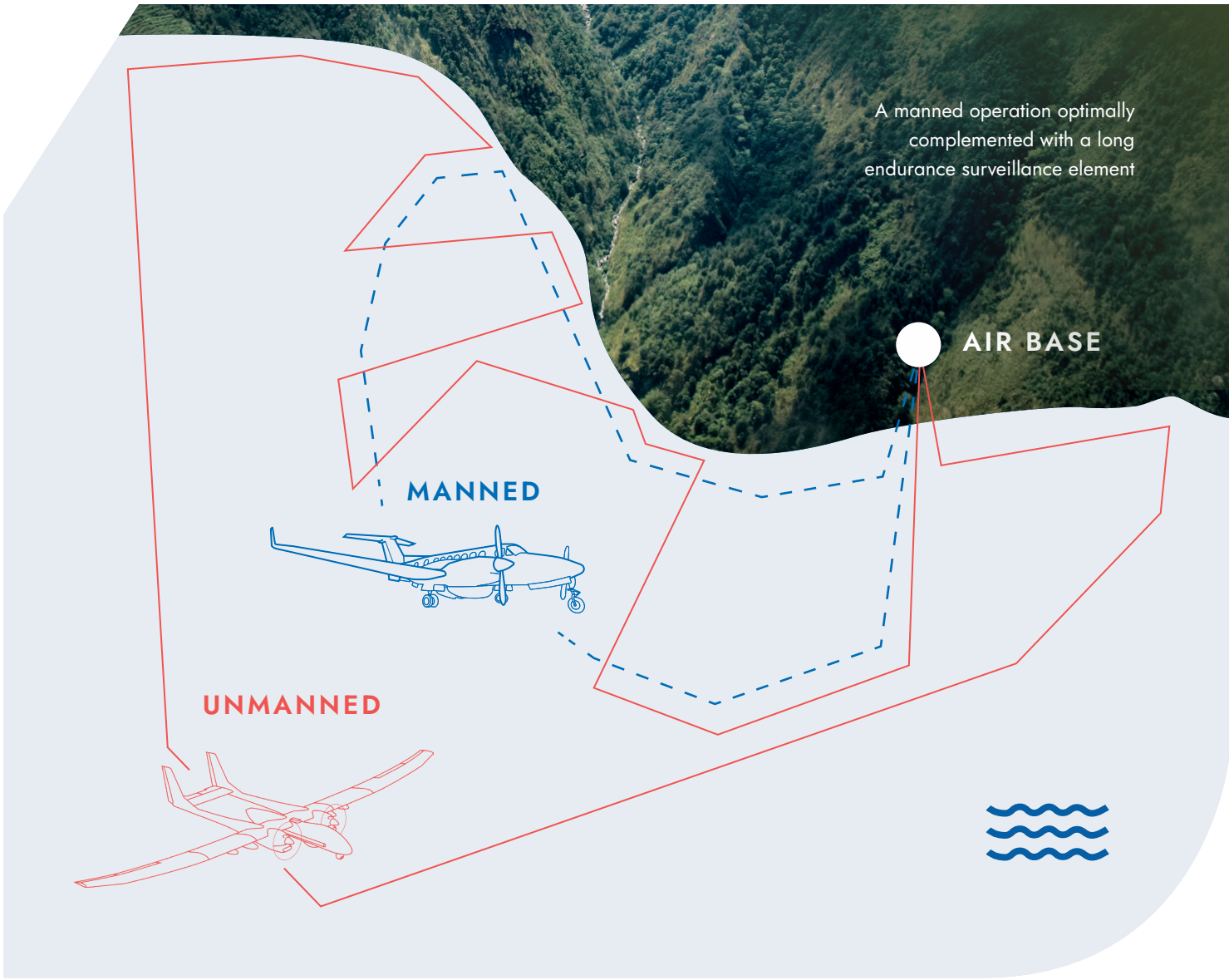
with different fuselages and outer wings

Top Level Specifications

- Minimum sensor configuration (Multimode ISR Radar System, EO/IR, AIS)
- Accommodates additional modular sensor payload
- Heterogeneous fleet configuration involving other sensors
- Capacity for additional mission computing
- Data link connectivity for sensors, including live data transfer and sensor control
- Modular Airframe Concept

- GNSS-Anti Jamming & Spoofing Solution
- Enhanced Safety Features
- Selfprotection-System
- SIGINT-Equipment
- Hardpoints
- Integration of effectors and additional optional features possible

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INTELLIGENT AIRBORNE SOLUTIONS



Manned Mission

Distance travelled	1,200 km
Duration	5h : 00m

Unmanned Mission

Distance travelled	7.800 km
Duration	30 h plus additional 10h reserve or on target time

CONTACT

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