



NATHUSIUS

LONGEST ENDURANCE UAS IN ITS CLASS WITH
LOW-COST ADVANTAGES

**Derived from years of collective operational expertise,
including cost reduction manufacturing and modular
functionality to optimize ISR mission performance.**

TSC teamed with Pipistrel's innovative aerospace design and manufacturing capabilities and AEVEX's ISR engineering and integration expertise to deliver our next-generation, commercially available, long-endurance, semi-autonomous, Group 5 multi-INT platform, NATHUSIUS.

MAXIMUM LIFE-CYCLE PERFORMANCE AND EFFICIENCY

- Autonomous take-off and landing
- Semi-autonomous "point-click" operation
- Innovative design for O&M sustainment
- Large internal stores for discreet mission payloads

BEST VALUE MULTI-INT PLATFORM IN ITS CLASS

- When comparing overall system capability vs cost, NATHUSIUS exceeds all others

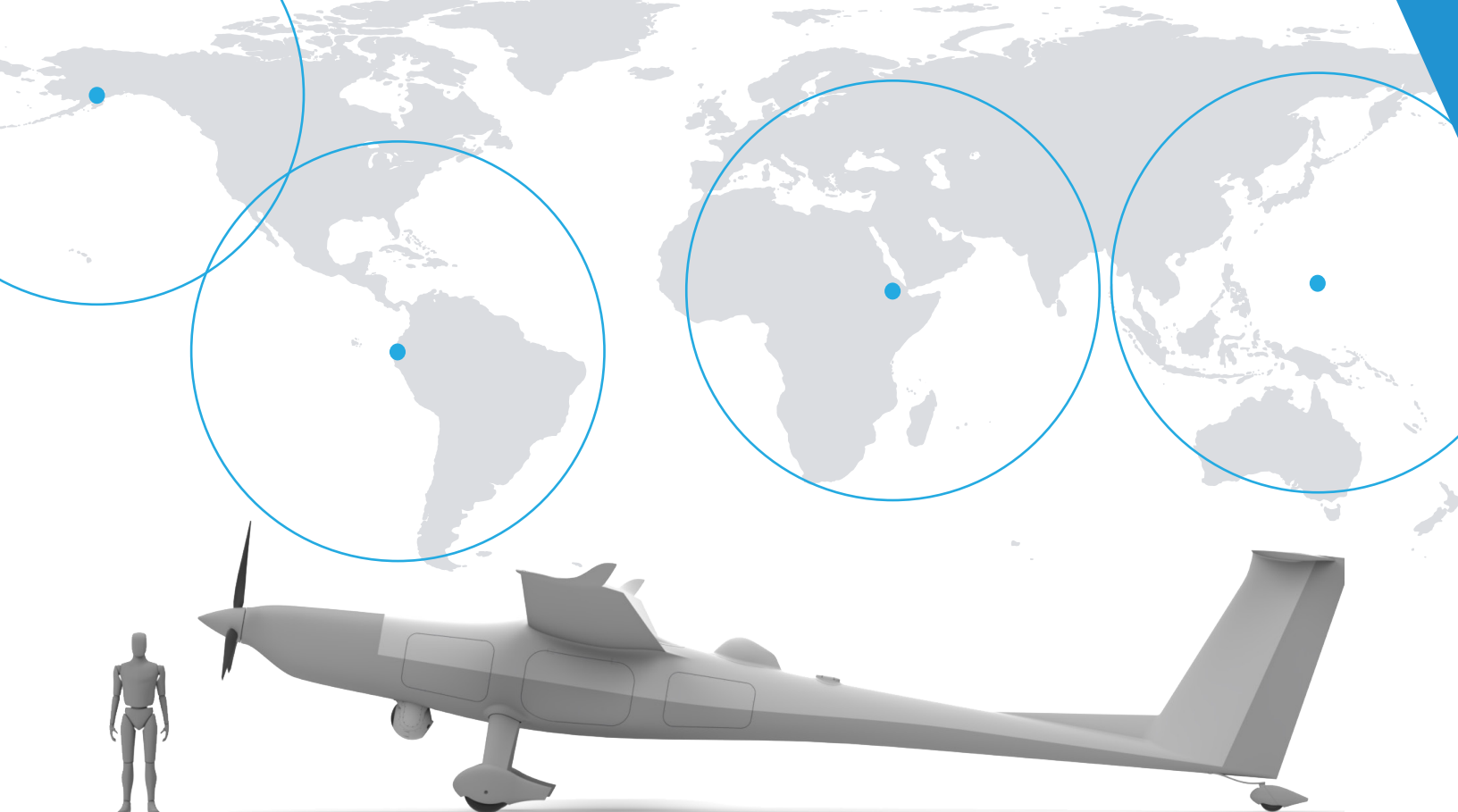


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NATHUSIUS SPECIFICATIONS

MAXIMUM ENDURANCE PROFILE FOR SINGLE SITE TAKEOFF & LANDING



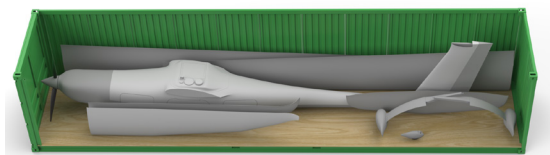
CHARACTERISTICS

Length	35 ft	10.7 m
Wingspan	95.5 ft	29.1 m
External Payload Stores	440 lbs	200 kg
Internal Payload Stores	350 lbs	158.7 kg
Engine	Rotax 916 - Turbocharged iS engine with best power-to-weight ratio	
Fuel	Auto and AVGAS flexible	
Flight Critical Actuation	Redundant	
Autopilot	Redundant	
Backup Battery System	1+ hrs	
BLOS & LOS	Redundant	
Voice Comms	Provisioned	
IFF	Customer selected	
Sense & Avoid	Provisioned	
PNT	Multimode Ridgeback or customer selected	
Onboard Networks	Redundant	

MAXIMUM PERFORMANCE

MGTO Weight	4,001.5 lbs	1,815 kg
Service Ceiling	30,000+ ft	9,144+ m
Dash Speed	100+ KTAS	
Max Endurance	72+ hrs	

Maximum performance is subject to several factors inclusive to environment, concept of operations, and specific aircraft configurations.



Packs into a standard 40' Shipping Container

PIPISTREL
BY TEXTRON AVIATION



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