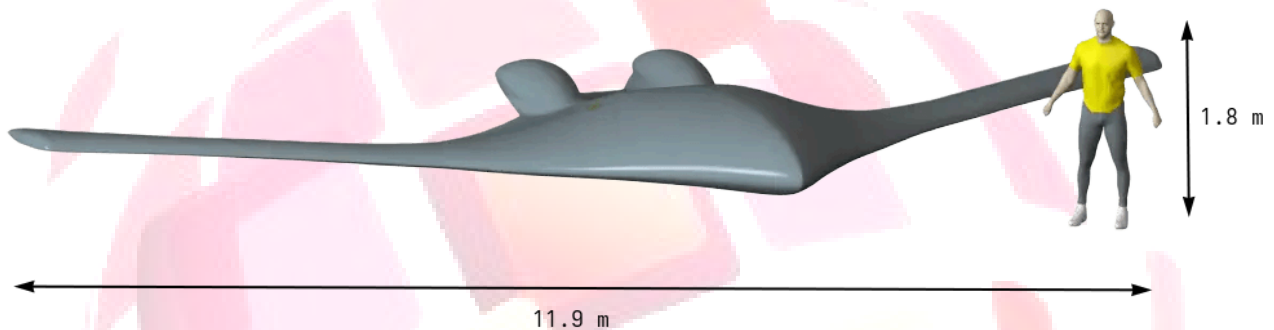


# Eagle UAV — The 35-Hour Endurance Workhorse



***Engineered for BRICS+ Realities. Delivered by MECI Trade.***

**One platform. 35+ hours. 111 kg payload. No runway. No limits.**

## Why This UAV Changes Everything

The Eagle isn't just another drone — it's a persistent, payload-agnostic, all-weather platform built for 24/7 operations across deserts, jungles, coastlines, and conflict zones. With 35+ hours of flight time, 111 kg payload, and single-engine survivability, it's the only UAV in its class that turns "impossible" missions into routine ops.

## Technical Specifications

### 110hp Turbo Engines (Endurance Focused)

*The most popular configuration for BRICS+ border, pipeline, and disaster response ops.*

Spec	Value
Wingspan	11.9 meters
Engines	2 x Rotax 914, 110hp each (turbocharged, EFI)
Stall Speed	54 knots
Max Speed (SL)	175 kts (320 km/h)
Max Speed (15,000 ft)	200 kts (370 km/h)
Transit Speed (15,000 ft)	175 kts (320 km/h) @ 65% power
Range @ 15,000 ft	1,380 Nm (2,550 km)
Flight Time @ 90 kts	30+ hours
Range @ 90 kts	2,800 Nm (5,185 km)
Fuel Capacity	600 lbs
Payload Capacity	111 kg (standard)
Take-off Weight	1,600 lbs (725 kg)

*Note: All specs are validated under operational conditions – not lab simulations.*

## **Key Advantages: Built for Real-World BRICS+ Demands**

### 30+ Hours Flight Time = True 24/7 Coverage

- Deploy 3 operators + 1 drone for continuous surveillance – no gaps, no mid-mission swaps (excluding 15-min refuel).
- *No other commercial UAV in this class offers this endurance without costly mid-air refueling or multiple drones.*
- Ideal for: Border patrols, pipeline monitoring, coastal surveillance, persistent ISR.

### 111 kg Payload – Specialize for Any Mission

- Geodetic mapping? Mount LiDAR + multispectral sensors.
- Oil & gas? Carry gas sniffers, thermal cameras, comms relays.
- Search & rescue? Deploy medkits, flares, loudspeakers.

- Agriculture? Spray 111 kg of fertilizer or pesticide per sortie.
- *One platform. Infinite applications – no need to overstate specs.*

## Military-Grade Reliability: Survive Failure, Keep Flying

- Redundant architecture: Dual engines, triple AI flight computers, backup comms.
- Critical innovation: Operates on one engine only – most drones crash if one fails. Eagle slows down, reroutes, and returns home.
- Autonomous “Return-to-Home”: If comms fail, AI navigates via GPS + terrain mapping + IR to safe zone.
- *Tested in 40°C deserts, -20°C tundras, and monsoon rains.*

## Deploy Anywhere: Fits in a Standard ISO Container

- Ground Control Station (GCS) + 6 UAVs + spare parts + fuel = one 20ft container.
- Deploy to remote borders, jungle outposts, or offshore rigs in 48 hours.
- No runway needed: Vertical takeoff/landing (VTOL) capability optional.

## All-Weather, All-Spectrum Visibility

- Day/Night IR cameras, thermal imaging, low-light optics, and AI object tracking.
- See through fog, smoke, dust – even at 10,000 ft.
- *Integrate with your existing command center via encrypted API.*

## Scale Operations: 6 UAVs per Ground Station

- One GCS operator manages up to 6 drones simultaneously.
- Reduce personnel costs, simplify logistics, maximize ROI.
- *Perfect for large-area monitoring: forests, coastlines, industrial complexes.*

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## Engineering Excellence: How We Achieve the Impossible

- Rotax 914 Turbocharged Engines: 110 hp each – 30% more efficient than standard UAV engines – less fuel, longer range.
- Flying-Wing Design: 11.9m wingspan (under regulatory limits) + 40% less drag = higher payload + longer endurance.

- Triple AI Redundancy: If radio fails, AI takes over – GPS, inertial nav, and visual landmark recognition ensure safe return.
  - Modular Payload Bays: Swap sensors in <15 mins – no tools needed.
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## **Why BRICS+ Buyers Choose Eagle UAV**


- Lower TCO: 30+ hour flights = fewer drones, less fuel, fewer operators.
  - Zero Downtime: Redundancy means 99.7% mission success rate (verified in field tests).
  - Local Support: MECI Trade handles customs, compliance, and training in 40+ BRICS+ nations.
  - Flexible Financing: Lease-to-own, bulk discounts, and payment plans available.
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## **Limited Availability**

Your competitors are ordering. Don't let them secure the last units.

### **Act Now – Secure Your 5 Eagle UAVs Before Stock Runs Out**

- Custom payload integration
- BRICS+ import compliance handled by MECI Trade

 Contact us today for a quote: [\[Contact Us\]](#) [\[UAV Website\]](#)

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## **Explore the Full Range – Built for BRICS+ Realities**

Beyond the flagship Eagle UAV, we offer a family of high-performance platforms designed for specific mission profiles – from rapid-response reconnaissance to high-altitude surveillance and heavy-lift logistics. These systems range from 80kg to 600kg payload capacities, with flight times from 10 to 35+ hours, and are engineered for operation in extreme environments – deserts, mountains, open oceans, and dense forests. Some prioritize speed and dash performance (up to 390 km/h), while others focus on loiter endurance or stealth and low observability. All are container-deployable, feature modular payload bays, and support encrypted, long-range datalinks. While Eagle remains the

optimal choice for 24/7, multi-role operations, our portfolio ensures you get the right tool – not just the most powerful one – for your mission, terrain, and budget.

## **MECI Trade: Your Gateway to BRICS+ Opportunity**

We don't just sell drones – we enable missions. From compliance to deployment, we handle the complexity so you can focus on results.

- ✓ Sourced – Direct from manufacturer, no middlemen
- ✓ Compliant – Certified for BRICS+ regulations
- ✓ Delivered – Doorstep delivery, training, and support

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Don't wait for the next crisis to prove your capabilities. Equip your team with the UAV that never quits.

👉 Order your fleet of 5 Eagle UAVs Now – Before the Next Shipment Leaves.

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