



RQ-35

FIXED WING, MINI UAS

A COMPLETE SOLUTION: COMBAT PROVEN & MISSION READY

Master Today's Battlespace

We empower troops and decision makers with superior UAS solutions designed to strengthen situational awareness and provide a significant edge in front-line defense and mission effectiveness.

With more than 500 flown missions, the RQ-35 is a battle proven, fixed wing, UAS for low-altitude video surveillance and reconnaissance missions. It is designed for operations in complex environments and with high mobility, rapid launch and recovery in mind. Reaching up to 50 km of live video feed, it is ideal for collecting immediate situational awareness from any mission critical area without exposing the operator to danger.

Our RQ platform delivers tactical ISR, autonomous mission execution, and multi-role adaptability at the speed required by SOF and small tactical units. It minimizes operator input, withstand contested environments, and provide clean, stable ISR that accelerates decisions on target.



ADAPT TO CHANGING CONDITIONS

Allow the front line to stay informed, prepared and agile to respond to shifting circumstances or emerging opportunities.

SHARE CRITICAL INFORMATION

Gather a continuous flow of mission-critical information to make informed decisions based on current and evolving data.

SECURE CONSTANT PERFORMANCE

Ensure airtime and maximize operators' skills and confidence to secure uninterrupted mission performance.



SKY-WATCH

THE AIRO GROUP

RQ-35 TECHNICAL SPECIFICATIONS

COMBAT PROVEN UAS SOLUTION: BUILT IN AMERICA

The RQ-35 tactical ISR aircraft is produced domestically for American operators, delivering the proven maturity of the global RQ35 platform with American manufacturing, readiness, and support.



DIMENSIONS	L x W x D (mm)	WEIGHT (kg)
UAV - Ready for Take-Off	1070 x 1650 x 170	3.07
UAV Battery	140 x 70 x 40	0.92
Complete UAS in transport case	1121 x 409 x 355	24,7 (excl. batteries)
Complete UAS in backpack (mobile)	1120 x 440 x 300	15,7 (excl. batteries)

PERFORMANCE		
Max flight time	150 min – Dependent on actual environment	
Max wind tolerance	16 m/s	31 kts
Cruise speed (air speed)	16 m/s	31 kts
Service ceiling	5,000 m ASL	16,400 ft ASL
Maximum landing altitude	3,000 m ASL	9,800 ft ASL
Minimum / Maximum operating temp.	-20°C	45°C
Charger power supply	100–240 V AC	10–50 V DC
RQ-35 battery	14.8 V	14.8 Ah
Average landing area needed	12.5 m radius	Weather dependent
Launch/land method	Hand launched	Deep stall landing
GNSS-denied operation	Low audible and visual signature	
Fail Safes	Loss of Telemetry, Link Low Battery, Loss of GNSS data	

GROUND SYSTEM OPERATIONS		
Rugged tablet (Windows based)	Performance depends on chosen model	
User Interface based on user-driven development	Sky-Watch Drone Manager (SDM)	Single tablet operation
	Sky-Watch Camera Controller (SCC)	Dual tablet operation



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