

Swift Multi-Role Payload Carrier SMRPC

DOMINATING ASYMMETRIC WARFARE
CYBER HARDENED

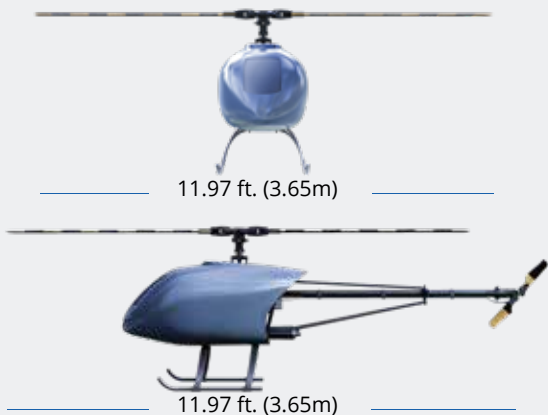
The SMRPC is a compact rotary-wing UAS designed as a flexible payload carrier for observation, logistics, survey, ISR and utility missions. It takes off and lands vertically (VTOL), uses an onboard autopilot and datalink to a ground station, and can carry modular sensors and cargo packages, such as EO/IR cameras, laser range-finders, LIDAR, and underslung payloads for rapid disaster response or medical resupply.

LENGTH	Rotor Diameter	SPEED	RANGE	ENDURANCE
13.80 ft. (4.20 m)	11.97 ft. (3.65 m)	Up to 100 km/h	62.13 mi. (100 km)	Up to 3 hours



SPECIFICATIONS

Role	Multi-role payload carrier
Type	Rotary Wing UAS
Length	13.80 ft. (4.20m)
Main Rotor Diameter	11.97 ft. (3.65m)
Takeoff Weight (MAX)	242.5 lbs. (110 kg)
Range	62.13 mi. (100 km)
Speed Range	37.8 - 54 knots
Cruise Speed	32.4 knots
Launch	VTOL
Power Plant	300cc Gasoline Engine
Endurance	3 hours (20L tank)
Recovery	Failsafe autorotation in engine-out scenarios
Altitude Ceiling	10,000 ft. (3,048m)
Stabilization	Digital Autopilot System with Waypoint guidance
Tracking & Telemetry	Video, GPS and Data link Telemetry with Tracking up to 50 km
Typical Payloads	EO/IR Payloads, Laser Range Finder, Slung payloads up to 40km for disaster response & medical aid logistics



APPEARANCE

Navy Gray
(Std)



Colors



Camo

