

2.9 METER SWIFT TRIDENT (ST-2)

LONG-RANGE LOITERING MUNITION & ISR SYSTEM.

The Swift Trident (ST-2) is a Group 3 long-range loitering munition with a mission-proven design, built to hold targets at risk deep inside contested territory. Launched from a vehicle or ground rail with no runway required, it offers extended range out to 250 km under beyond-line-of-sight SATCOM control and long endurance, loitering for up to 1.5 hours. For precision strike, it delivers an 8 kg multi-option warhead with man-in-the-loop terminal control, backed by GNSS/INS navigation with optional anti-jam for contested environments.



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LENGTH	WINGSPAN	SPEED	RANGE	ENDURANCE
2.9 m (9.5 ft.)	2.9 m (9.5 ft.)	Up to 230 km/h	200–250 km (108–135 NM)	Up to 1.5 hours

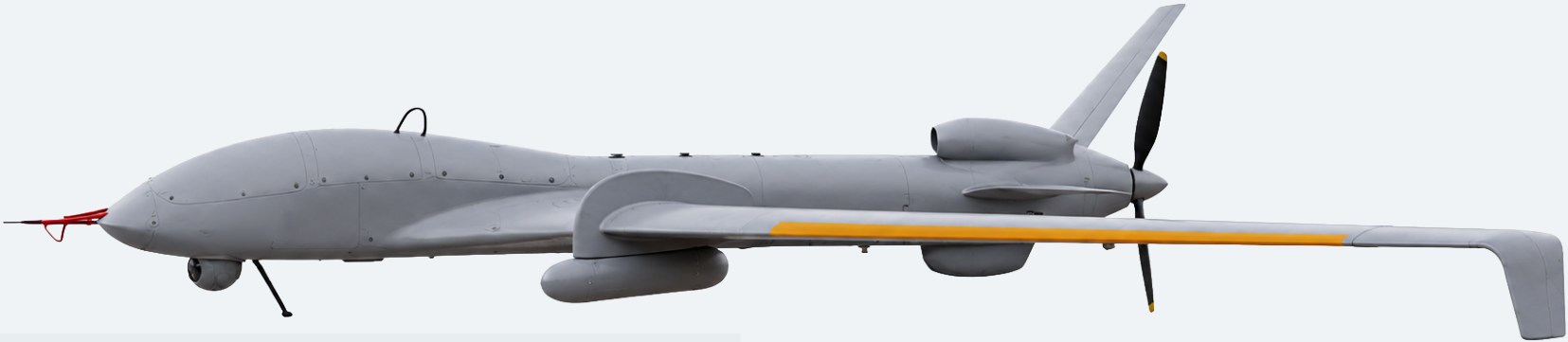


2.9 METER

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SPECIFICATIONS

Air vehicle class	Group 3 Extended long-range loitering munition & ISR
Type	Fixed-wing, pusher propeller, composite airframe
Length	2.9 m (9.5 ft.)
Wingspan	2.9 m (9.5 ft.)
Height	0.40 m (1.3 ft.)
Maximum take-off weight	~ 30 kg (~ 66 lbs.)
Range	Up to 200–250 km (108–135 NM)
Cruise speed	170 km/h
Maximum speed	230 km/h
Launch method	Vehicle or ground rail launcher, runway independent
Power Plant	ICE 2-stroke piston engine, pusher: ~70 cc class
Endurance	1.5 hours
Recovery method	Parachute recovery
Operational Radius (BLOS SATCOM/relay)	Up to 250 km (135 NM)
Altitude Ceiling	5,000 m (16,400 ft.) AMSL
Fuel Capacity	10 L
Navigation	GNSS/INS with waypoint navigation, anti-jam (optional), BLOS command link, encrypted datalink (AES-128/256)
Guidance	EO/IR seeker, man-in-the-loop terminal, abort/wave-off
Payload capacity	8 kg (17.6 lbs.)
Payload Options	EO/IR seeker; ISR package (EO/IR); laser designator; BLOS SATCOM/relay C2; anti-jam GNSS/INS with backup navigation. Warhead options: HE-fragmentation (standard)
Crew / footprint	2 to 3 operators with BLOS terminal, vehicle-transportable; ~ 30 min to launch



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