

1.5 METER SWIFT STING-1 (SS-1)

TACTICAL LOITERING MUNITION

The Swift Sting-1 (SS-1) is a Group 2 tactical loitering munition that gives ground and naval forces an organic precision strike capability at the tactical edge. Launched from a vehicle or ground rail with no runway required, it loiters for up to 2 hours and delivers a 4 kg multi-option warhead out to 100 km, with man-in-the-loop terminal guidance and full abort authority to the final seconds of engagement.



SWIFT STING-1 (SS-1)

LENGTH	WINGSPAN	SPEED	RANGE	ENDURANCE
1.5 m (4.9 ft.)	1.5 m (4.9 ft.)	Up to 210 km/h	100 km (54 NM)	Up to 2 hours



1.5 METER

SWIFT STING-1 (SS-1)

SPECIFICATIONS

Air vehicle class	Group 2 tactical loitering munition
Type	Fixed-wing, pusher propeller, composite airframe
Length	1.5 m (4.9 ft.)
Wingspan	1.5 m (4.9 ft.)
Maximum take-off weight	24 kg (53 lbs.)
Range	100 km (54 NM)
Cruise speed	150 km/h
Maximum speed	210 km/h
Launch method	Vehicle or ground rail launcher, runway independent
Power Plant	Single-cylinder 2-stroke gasoline, pusher: ~50 cc class
Endurance	2 hours
Recovery method	Expendable munition (training recovery optional)
Operational Radius (LOS datalink)	80 to 100 km
Altitude Ceiling	4,000 m (13,100 ft.) AMSL
Fuel Capacity	8 L
Navigation	GPS/GNSS autopilot with waypoint navigation, anti-jam options
Guidance	EO/IR seeker, man-in-the-loop terminal, abort/wave-off
Payload capacity	4 kg (8.8 lbs.)
Payload Options	EO/IR seeker with laser rangefinder/designator; encrypted C2/FMV datalink; anti-jam GNSS/INS. Warhead options: HE-fragmentation, shaped-charge (anti-armor), thermobaric
Crew / footprint	2 operators, single-vehicle transportable

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