

1.5 METER SWIFT STRIKER (SS-1)

TACTICAL LOITERING MUNITION SYSTEM

The Swift Striker (SS-1) is a Group 2 tactical loitering munition with a field-proven design 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 for rapid deployment, it loiters for up to 1 hour and delivers a 5 kg multi-option warhead out to 100 km alongside modular payloads, with man-in-the-loop terminal guidance for precise effects and full abort authority to the final seconds of engagement.



SWIFT STRIKER (SS-1)

LENGTH	WINGSPAN	SPEED	RANGE	ENDURANCE
1.4 m (4.6 ft.)	1.5 m (4.9 ft.)	Up to 210 km/h	100 km (54 NM)	Up to 1 hour



1.5 METER

SWIFT STRIKER (SS-1)



SPECIFICATIONS

Air vehicle class	Group 2 tactical loitering munition
Type	Fixed-wing, pusher propeller, composite airframe
Length	1.4 m (4.6 ft.)
Wingspan	1.5 m (4.9 ft.)
Height	0.35 m (1.1 ft.)
Maximum take-off weight	~ 18 kg (~ 40 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	1 hour
Recovery method	Parachute recovery
Operational Radius (LOS datalink)	80 to 100 km
Altitude Ceiling	4,000 m (13,100 ft.) AMSL
Fuel Capacity	8L
Navigation	GPS/GNSS autopilot with waypoint navigation, anti-jam options
Guidance	EO/IR seeker, man-in-the-loop terminal, abort/wave-off
Payload capacity	5 kg (11 lbs.)
Payload Options	EO/IR seeker with laser rangefinder/designator; ISR package (EO/IR); encrypted C2/FMV datalink; anti-jam GNSS/INS. Warhead options: HE-fragmentation (standard)
Crew / footprint	2 to 3 operators, single-vehicle transportable; ~ 30 min to launch



SYSTEM PACKAGE (ROM KIT)

Complete operational kit for rapid deployment (2 x SS-1)	
Remote Control Station (RCS)	Ruggedised case with FMV display; mission planning and execution
LOS Tracking Antenna & Mast	Directional tracking antenna, telescopic mast; encrypted C2 and video link
BLOS SATCOM / Relay Terminal	Optional BLOS capability; deployable and transportable
Vehicle-Mounted Launcher	Twin rail launcher, runway independent; vehicle or ground mounted
Transport & Storage Container	Stores 2 x SS-1 and support equipment; single-vehicle mobility, climate control optional
Avionics & Datalink Test Set	Flight-line fault diagnostics and datalink testing via laptop / tablet
Engine & Mechanical Tool Kit	O-level servicing; propulsion and airframe tooling; spares and consumables
Payload Alignment & Calibration Set	Boresight, harmonisation and EO/IR calibration tools