

MILITARY VESSEL

6 METER Swift Sea Stalker (S3)



Length	Beam	Draft	Weight	Speed	Range	Power	Endurance	Other Specs
19.2 ft. (6m)	6 ft. (1.82m)	6.6 ft. (2m)	3,160 lbs.	45+ knots	1,000 NM	16,200 kWh	30+ hours	Freeboard: 1.33 ft. Fuel Capacity: 400 gal.

OVERVIEW

The Swift Sea Stalker (S3) is designed for high endurance, survivability, and mission flexibility, featuring a durable aluminum frame with a self-scuttling hull. Powered by diesel and equipped with multi-spectral sensors, BLOS communications, and a modular mission payload bay, this autonomous USV enables cooperative operations and multi-day navigation with a 1,200 NM range and a 1,250 lbs. payload capacity. The S3 and its trailer fit into a 20' TEU container and are available as a kit or fully assembled, ensuring rapid deployment flexibility.

The S3's modular open-system architecture, plug-and-play command and control (C2), and advanced ISR capabilities support expeditionary maritime operations in alignment with Joint Warfighting Concepts (JWC). It complies with NATO Standardization Agreements (STANAG) 4586 and the Joint Architecture for Unmanned Systems (JAUS) protocol.

MACHINERY

- **Engine:** Yanmar, 4LV230 [3,800 RPM]
- **Propulsion:** Yanmar Outdrive
- **Generator:** 3kW (optional)

PAYLOAD OPTIONS

- **Payload:** Modular, up to 1,250 lbs.
- **Missile:** Hellfire/Hellfire-L/JAGM/JAGM-MR
- **Loitering Munition:** Switchblade 300/600
- **EW:** TSC GROWLER
- **Gun:** Dillon M134DM134D-H Minigun
- **Energetics:** High explosive for One Way Attack (OWA) missions

FUEL

- Diesel Type #2 or JPL
- **Range w/refuel:** 1,000 NM
@ 35 knots cruising speed

SENSOR / ELECTRONICS

- **Radar:** SIMRAD [Part# HALO 24]
- **NAV:** Vector Navigation [Part# VN-300]
- **AIS:** Sitex [DA-2]
- **GPS:** TE Connectivity [ANT-SH2-SMA]
- **Comms:** Starlink BLOS
- **Camera:** FLIR Low-light, HD-Night Vision [FLIR M364C]
- **Antenna:** L-COM [HG2406DPU], Shakespeare [5912]

OTHER

- **Hull:** 5086 Marine Grade Aluminum
- **Sea-State(SS):** Operate/Survive (2-3)
- **Production:** Robotic Manufacturing Capability (15-20 craft/month)
- **Transportable:** Air, Sea, or Land
- **TRL:** 9 (Craft), and 7 (Technology)
- **Watertight:** Unsinkable

