

SNC[®]

Voly[®] Solution



SNC brings 30+ years of experience in developing solutions, integrating capabilities and engineering unmanned systems that improve warfighter capabilities for Reconnaissance, Surveillance and Target Acquisition (RSTA). Our Voly solution is a hybrid vertical takeoff and landing (VTOL), tactical unmanned aircraft system (UAS). The Voly is designed with the warfighter's battlefield view in mind, architected to meet emerging missions and threats in a large-scale combat operations environment.

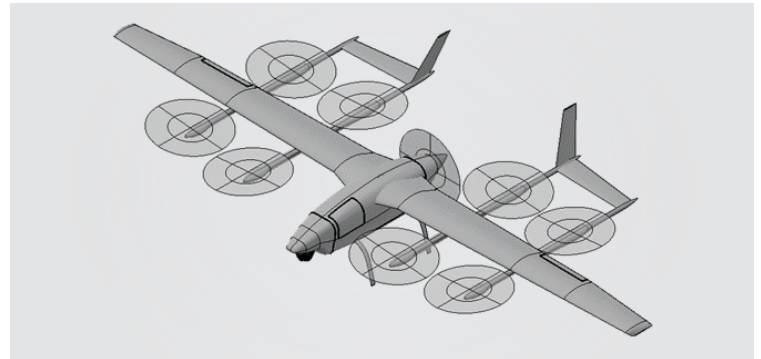
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SNC's Voly UAS is a hybrid VTOL solution that offers unique advantages including the ability to simultaneously carry cargo, additional fuel and Multi-INT sensors. The Voly is future ready. It overcomes contested logistics spaces by ensuring forward-deployed units are stocked with the parts and supplies needed for tomorrow's operations today.



Specifications

• Wingspan	24 ft
• Payload	50 lbs
• Ceiling	20,000 ft
• Endurance	20 hrs
• Cruise Airspeed	57 kts
• Communications	Ku, L, S or C Band
• Launch & Recovery	Vertical Takeoff & Landing
• Payloads	Trillium HD-80/95, WESCAM MX-10D, ESM, Synthetic Aperture Radar, Communications Relay, Ultra Endurance Fuel Tank



Key Features

Modular LRUs

Increased modularity and two-person portability enabling compact transport, quick assembly and disassembly using only three tools

Transportability

Palletized transport optimized for multiple fixed-wing aircraft, rotary aircraft and ground vehicles

RSTA On the Move (OTM)

Runway independent point takeoff and landing providing true VTOL RSTA capability in challenging terrain, obstacles, weather and threat environment to support demanding missions

Grow with the Mission

Large payload capability combined with vertical lift capability to meet the most demanding RSTA missions

Maneuverability

The VTOL system has ample excess thrust, enabling safe and confident flight control to meet and exceed high winds and inclement weather variables in the most challenging operational environments

MOSA

Designed with a Modular Open Systems Approach enabling the rapid integration of technology and payloads



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