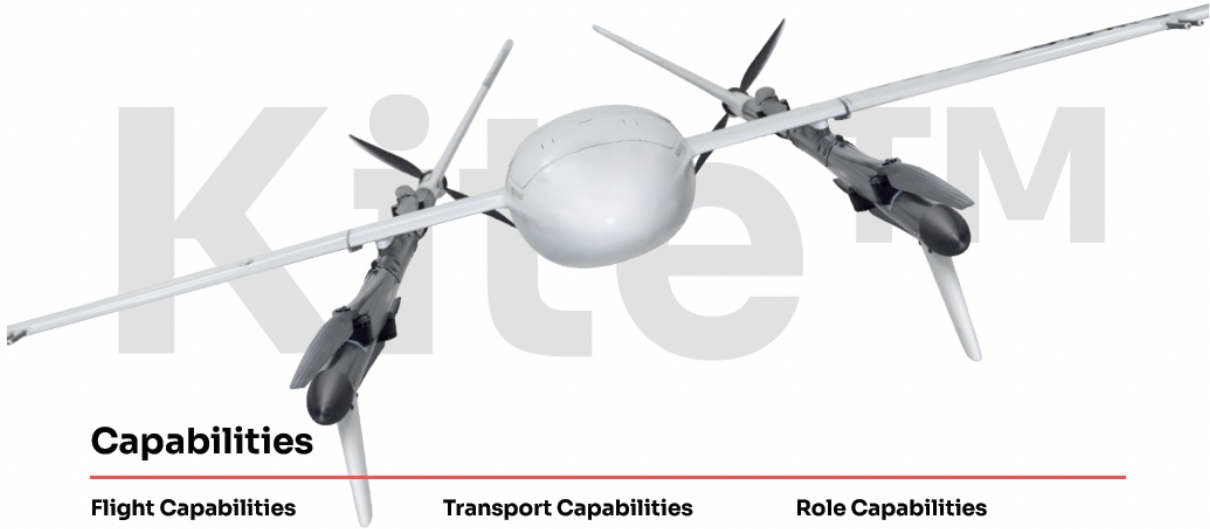




SWOOP AERO



Capabilities

Flight Capabilities

UTM, ATC, operator or pilot initiated dynamic route deviation

Shipborne takeoff & landing up to 12 kts, Sea Gate 5

Flight termination and recovery system; the Swoop Aero digital parachute

Transport Capabilities

Top access for manual loading and bottom access for automated loading and dispatch

Payload Drop

Payload dimensions 10 in (L) x 5in (H) x 8 in (W)

Role Capabilities

Maritime monitoring, Search and Rescue

Infrastructure inspection

Emergency planning and response

Live video streaming, including edge image processing capability

Mapping to 5GSD, 7.5 mi per hour

Optionality for custom spectral sensor integration into vision pods

Specifications

Application	Powered lift eVTOL	Max speed	107 kts / 116 mi
Powertrain	Quad electric batteries split into two independent battery packs, with dual chemistries	Environmental limits	23 °F to 113 °F
Maximum T/O Weight	54.5 lbs	Altitude limit	10,000 ftDA
Cruise speed	66 kt / 75 mi	Max payload	6.6 lbs
Max range	108 mi	Max packed dimensions	44 in x 44 in x 20 in
		Wind Limits	25 kts/35kts supplemental
		Communications	Satellite – Iridium L-band Terrestrial wireless – 2G, 3G, 4G WiFi – 2.4GHz