



Constellis Capabilities Brief





WHO WE ARE

▶ A leading provider of **essential risk management and mission support** services to government and commercial clients worldwide.

▶ The consolidation of companies under the Constellis name allows our clients to **rely on a single partner** with project experience that spans the globe.

ACADEMI

Olive Group

TRIPLE CANOPY

Edinburgh International



CENTERFA

OMNIPLEX

tdi

AMK9

Strategic Social

+1,700
INVESTIGATORS

AWARD-WINNING
compliance programs

SAFELY REMOVED OVER
84,000 ITEMS
OF UNEXPLODED
ORDNANCE

\$2.2B
IN REVENUE

WORLD-CLASS
TRAINING FACILITIES
AND RESOURCES

REPUTATIONAL EXCELLENCE

driven by leading quality and safety systems and processes

+100

disaster relief missions

PROPRIETY
SOCIAL INTELLIGENCE ALGORITHMS

LEADER IN
K9 
DETECTION & TRAINING SERVICES

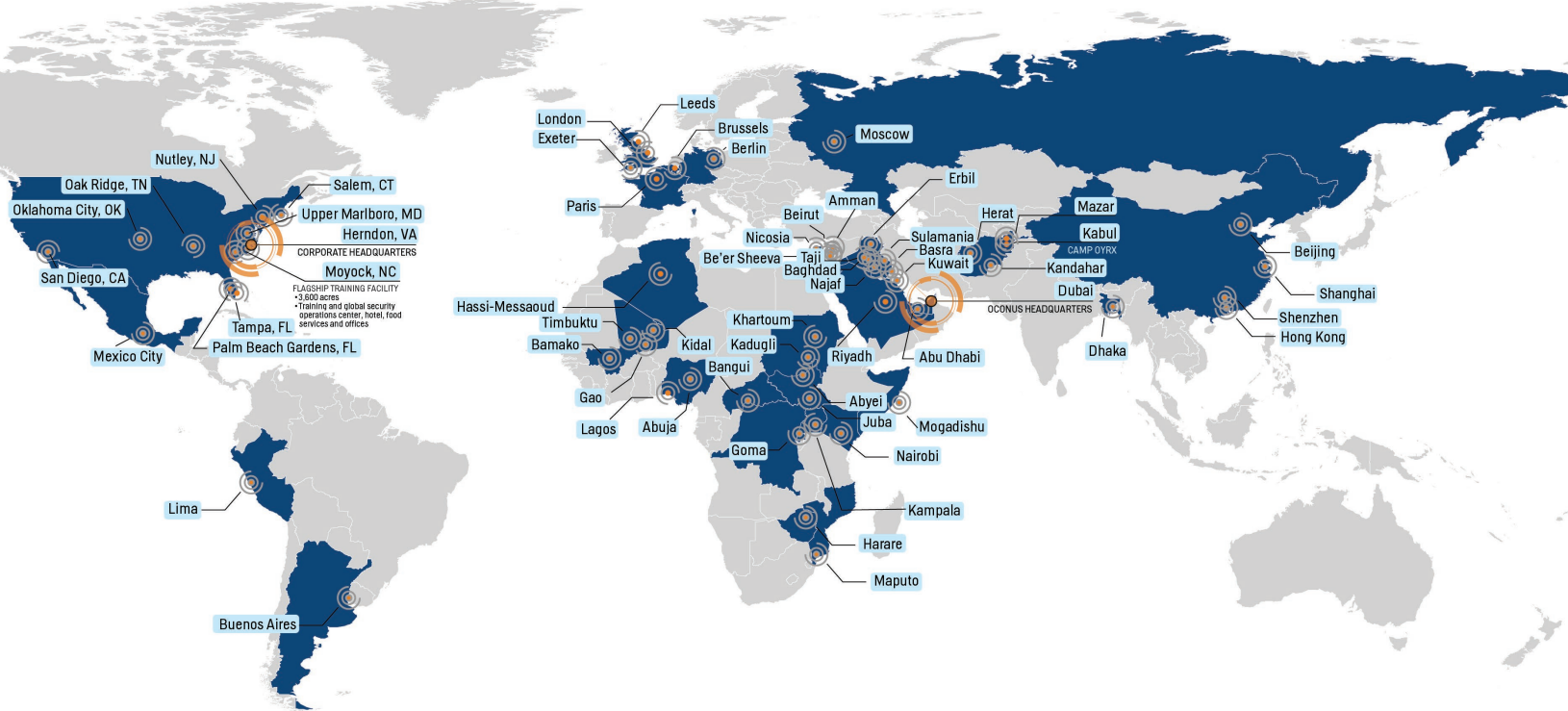
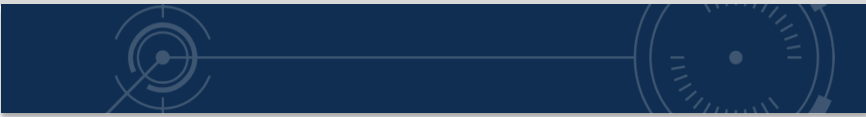
SAFELY DESTROYED
+470 TONS
of munitions

MORE THAN
+70%

OF WORKFORCE ARE
MILITARY VETERANS

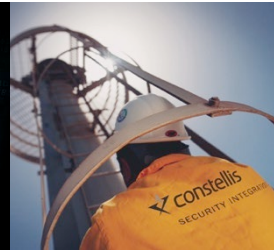


GLOBAL PRESENCE



- *Risk Management + Crisis Response*
- *Training and Technical Assistance*
- *Force Protection and Security*

- *Unmanned Systems + Countermeasures*
- *Humanitarian Aid + Disaster Response*
- *Logistics, Expeditionary Construction*



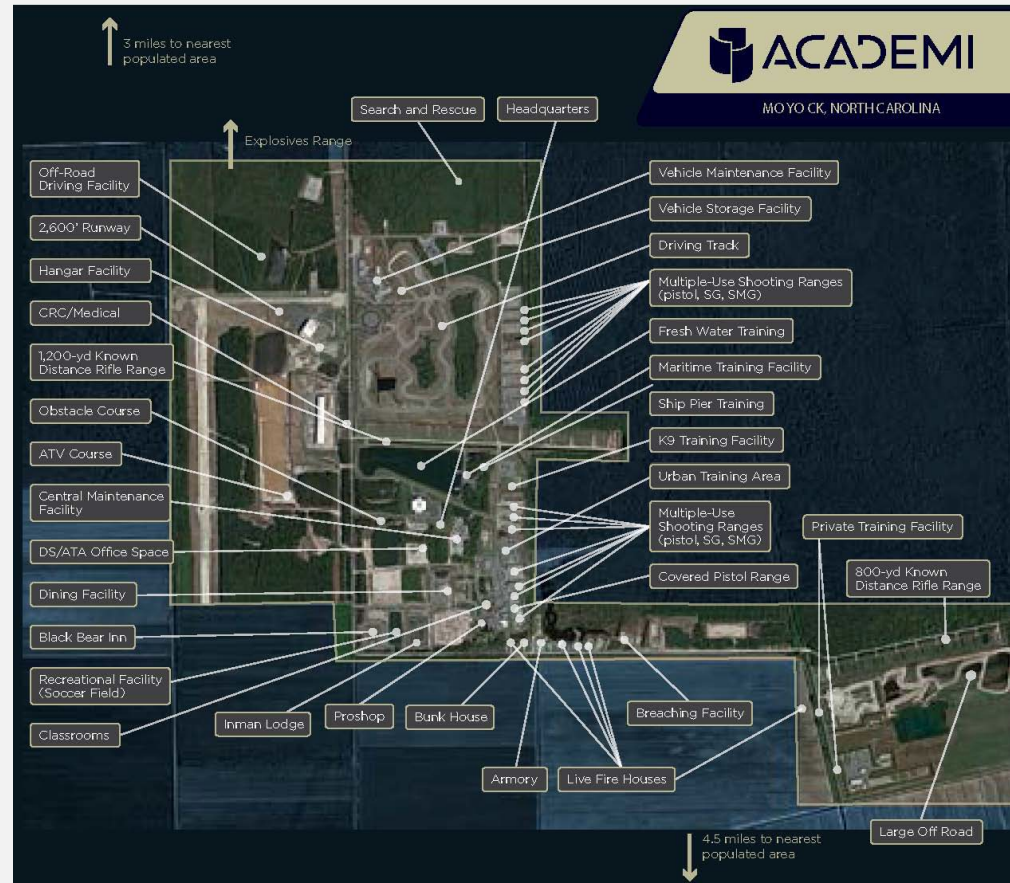


CONSTELLIS ADVANCED TRAINING

World-class Tactical Training Facility

- ▶ **3,600**-acre, state-of-art facility
- ▶ Hosts **20,000+** students a year
- ▶ Capacity for training **1,500** students concurrently
- ▶ **95** highly skilled and experienced instructors
- ▶ **54** tactical ranges; **5** ballistic houses
- ▶ **Multiple** urban operation scenario
- ▶ **Four** ship-boarding simulators
- ▶ **6,000** weapons, gunsmith & armory
- ▶ **Two** airfields & **three** parachute drop-zones with aircraft hangar
- ▶ **3-mile** tactical driving track, with **600** vehicles
- ▶ **30-mile** unimproved/off-road track
- ▶ M4 Firearm Training Simulator (FATS)
- ▶ **Unmanned Aerial Systems (UAS) flight ops**
- ▶ **25** climate-controlled classrooms with
- ▶ Multiple explosive training ranges
- ▶ A private training center
- ▶ **14-station** obstacle course
- ▶ Dining facility feeds **1,200** people per meal
- ▶ Medical center w/ on-site physician/PA & EMTs
- ▶ Secure, **33,000-sq. ft.** warehouse

- ▶ **66,659-sq. ft.** corporate office facility w/ secured access areas
- ▶ Accommodations for **450+ personnel** including fitness, sports, laundry & kitchen



UAS



Experience exceeds 50,000 man days and 150,000 combat flight hours in OCONUS UAS operations

Delivery of UAS site subsystem equipment to 4 different countries at 13 sites in direct support of MEUAS III and Navy ISR Services

Contractor-owned facility in North Carolina to directly control and manage warehouse/logistics, pre-deployment, and UAS training

V-BAT's VTOL design to meet SOF-peculiar operations and sensitive uses especially in low intensity conflict areas

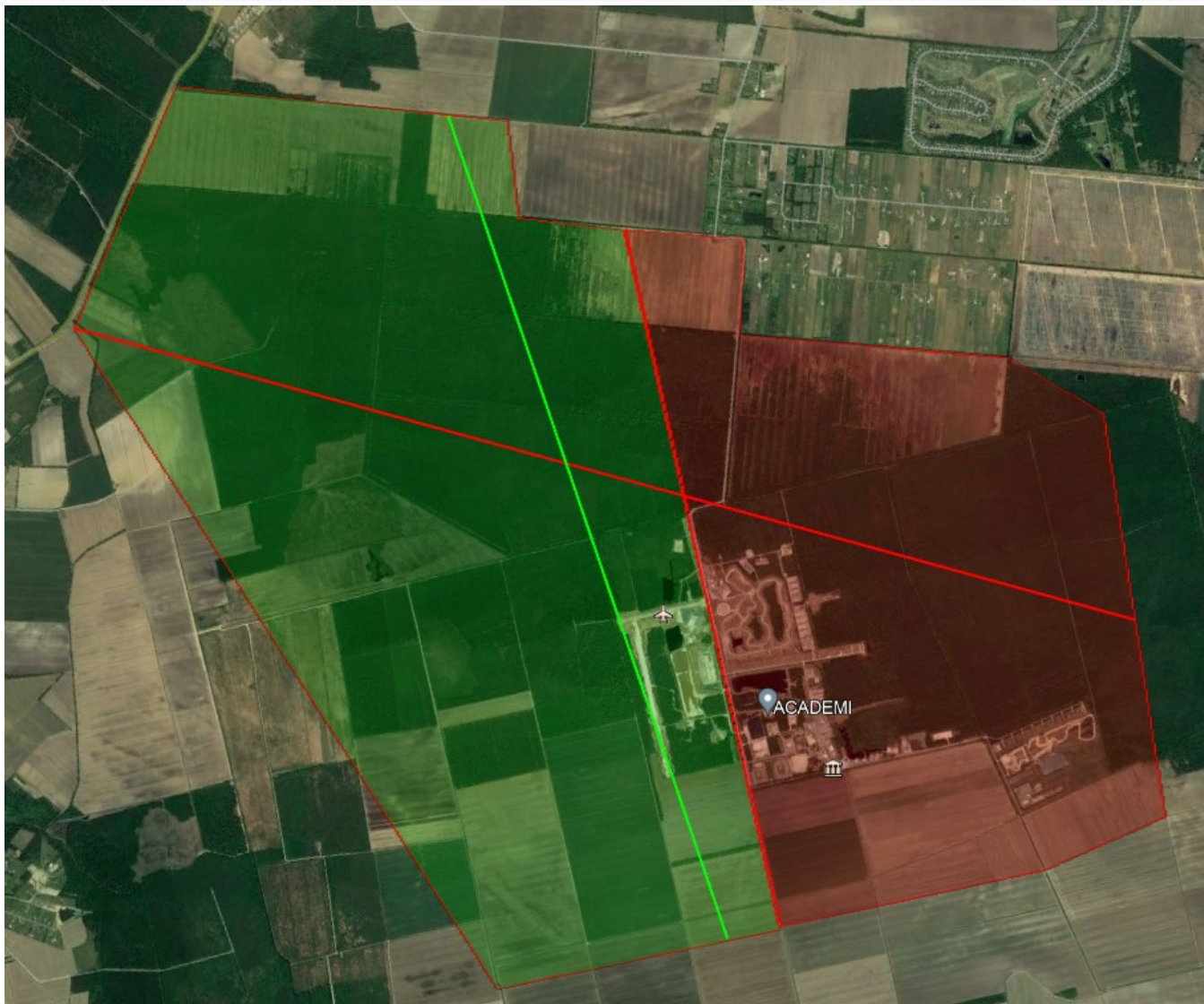
V-BATs near-zero footprint, ability to launch/land in confined spaces, and ease of transportation delivers low-visibility ISR support to sensitive SOF activities

The only UAS that can smoothly transition to fixed wing flight from a hover and back again not requiring a drop in altitude to transition on the wing



UAS

- 5x4.5miles
- Green, 3000AGL
- Red 1500 AGL
- COA Sponsor is NC State

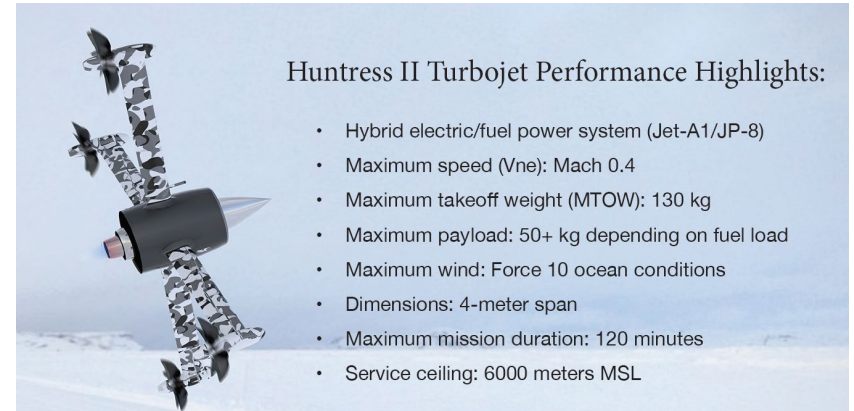


What can Constellis do for you?

- Offers unique training and testing location with things to actually look at (EOD, Shooting, drivers training)
- If you are using our site, our customers will see your system and equipment, by default we become a marketing partner
- We can provide a fully integrated training partner doing everything from writing curriculum to providing instructors on site or as part of MTTs
- We are a \$1.2B company, our reach OCONUS is extensive and we can provide detailed programmatic or contractual support
- As it pertains to USG opportunities, we already know many of the customer sets and they already are at our facility
- With appropriate coordination and acceptance (by both parties), we can market your system with a reseller agreement.

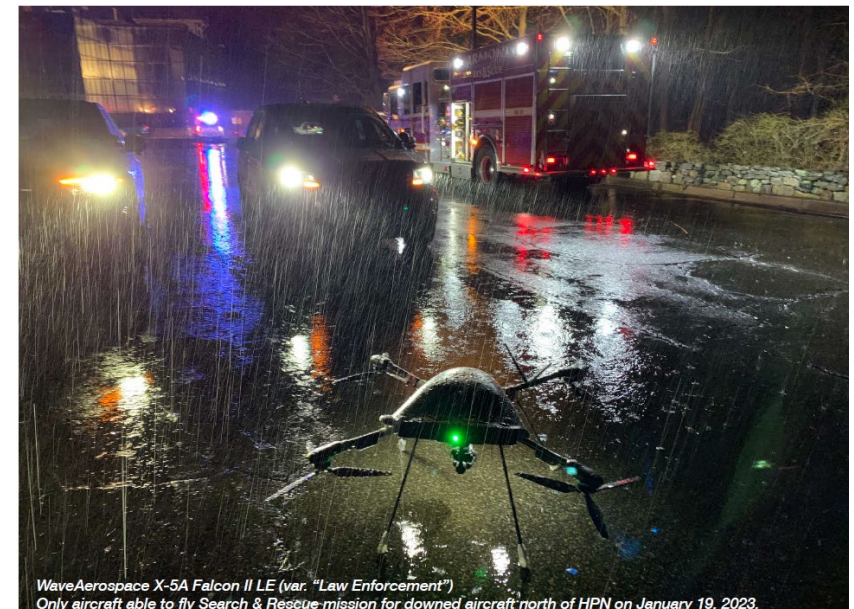
Wave Aerospace

- Falcon II, and Huntress UAS
- Initial meeting went well, 2 weeks ago
- Coming to visit in August
- Potential of all training and looking for manufacturing location
- GNSS anti-spoofing hardware, dedicated AHRS IMU
- AES 256 encrypted comms
- UHF band hopping mesh radios
- True all weather capability



Falcon II LE Performance Highlights:

- Diagonal Size: 1270 mm (50 in)
- Propellers: 3-blade, 470 mm (18.5 in) prebalanced Carbon Fiber
- Maximum Flight Time (standard payload): 60 Minutes
- Maximum Takeoff Weight (MTOW): 20 kg (44 lbs)
- Power Source: Redundant, Solid-State Lithium Battery
- Maximum Payload Capacity: 9 kg (20 lbs)
- Maximum Airspeed: 32 m/s (72 mph)
- All-Weather Ingress Protection: IP66
- Wind Resistance: 26 m/s (58 mph)
- FAA Approved Lighting for Nighttime Flight
- Red/Blue Police Strobe Lights (with on/off control)
- Automatic Integrated Fire Suppression
- Maximum Altitude: 5,000 m (16,400 ft)



Skyfront

- Perimeter 8 hybrid multi-copter
- 20+ international customers
- Niche size and SWaP, record holder for endurance (13hrs max, 5hrs normal)
- Platform to be outfitted with MyDefence CUAS capability
- Reseller Agreement
- Magnetometer integrated (IED/Mine detection)
- ImSAR integrated (change detection)

THE PERIMETER 8 DRONE

Payload capacity	16.5 lb.
Endurance	5 hours (stock) 13 hours (aux. fuel tank)
Max Takeoff Weight	51 lb.
Size	6.5 feet x 6.5 feet
Ease of use	<ul style="list-style-type: none">• Automatic engine start• Electronic fuel injection• Engine health monitoring
Environmental Robustness	<ul style="list-style-type: none">• 9,000 feet density altitude• -10C to 50C
Autonomy and Advanced Capabilities	<ul style="list-style-type: none">• Active terrain following• Command and control handoff• GPS Denied Navigation (WIP)• Sound mitigation (WIP)
Safety	<ul style="list-style-type: none">• Redundant propulsors• 4-5 minutes of reserve flight time



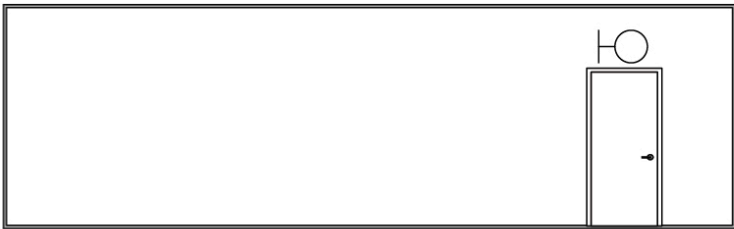
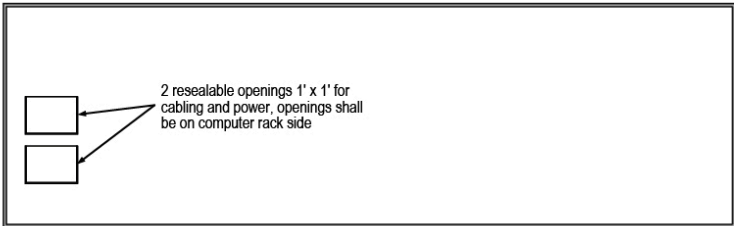
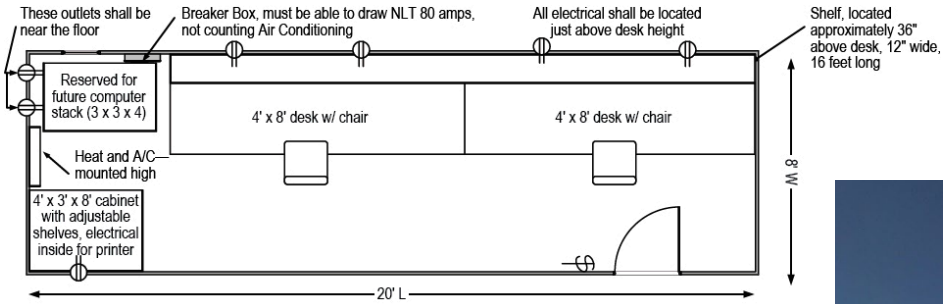
The Perimeter 8 is designed to carry heavy payloads for long periods of time, over large distances, in tough environments.

MyDefence

- C-UAS solutions out of Denmark
- Falcon is a UAS payload
- Heavy international with more than 2,000 units in Ukraine
- Sought after solutions by the other primes as system of solutions
- Former involvement in JIEDDO
- Flying RF detector, detects drone controller signals to localize drone pilot



UAS





UAS



Alchemy Analytics

Solving complex problems requires more than data collection—it demands robust workflows that generate actionable insights. From optimizing vegetation management for utilities to enhancing route clearance and UXO detection for defense, our data solutions tackle your most critical challenges with precision.



Drone Rodeo



DRONE RODEO 2025
Join us at Constellis' elite training facility for an Unmanned Systems Industry Day

WHEN	AGENDA
JUNE 3RD, 2025	0730 Coffee and set up for vendors
0900-1600	0900 Opening remarks at the USA Building
SOCIAL 1600	0915 First demonstrations start
	1100 Joint Demonstration/Exercise with multiple vendors
WHERE	1130 Chow hall opens for lunch
Constellis Training Center	1600 Social in the USA Building
850 Puddin Ridge Road	1700 Event closes
Mayock, NC 27958	

At the Unmanned Systems Industry Day, you'll have the opportunity to:

- Explore the Latest Technologies: Experience live demonstrations of cutting-edge UAV, UGV & UUV solutions from leading manufacturers and tech companies
- Network with Industry Experts: Connect with professionals from various sectors, including security, law enforcement, Military, sensors, logistics & more
- Live Demos: See product demos of the latest in UAV technology & Constellis' newest advanced security offering, Layered Extended Security Operations [LEXSO]

Exhibiting Partner List

	ECHOMAV www.echomav.com		SKYDIO www.skydio.com
	SKY FRONT www.skyfront.com		PERFORMANCE DRONE WORKS www.pdw.ai
	ALCHEMY ANALYTICS www.flyalchemy.com		TERMINAL AUTONOMY www.terminalautonomy.com
	WAVE AEROSPACE www.waveaerospace.com		RESOLUTE ISR www.resoluteisr.com
	VANTAGE ROBOTICS www.vantagerobotics.com		SIMIS www.simisinc.com
	CENSYS TECHNOLOGIES www.censystech.com		ZONE 5 TECHNOLOGIES www.zone5tech.com
	DFA SYSTEMS www.dfasytems.com		WORLDVIEW ENTERPRISES www.worldview.space
	MMS PRODUCTS www.mmsip.io		SILICIS TECHNOLOGIES www.silicis.com
	STRIDAR www.stridar.com		VIDARR www.vidarrinc.com



CONSTELLIS TRAINING CENTER

Constellis operates the largest privately-owned training center in the United States. Our primary training facility, a 3,600-acre, state-of-the-art campus is located in Mayock, North Carolina, accommodating up to 1,500 students at a time, 24 hours a day, 365 days a year.



constellis
TRAINING CENTER

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