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TACTICAL AEROSTATS



TACTICAL 260 & 130 SPECIFICATIONS

LENGTH	16.5 m (TA 260) 10.3 m (TA 130)
MAXIMUM ALTITUDE	305 m
PAYLOAD	30 kg (TA 260) 10 kg (TA 130)

NADATS' Tactical-130 & Tactical-260 aerostats are now available for multi-unit acquisition

Aero's NADATS division can custom aerostats rapidly based on specific mission requirements: payload, altitude, duration without service interruption, prevailing winds, operating temperatures, etc.

Contact our team with your challenges and objectives

NADATS' TACTICAL AEROSTATS

Flexible and persistent tactical ISR platforms, NADATS Tactical Aerostats provide convenient situational awareness with cost-effective vigilance. The tethered platforms can support a variety of payloads, including multi-spectral imaging systems, communications relays or other equipment desired for surveillance, security, environmental monitoring or other mission. It is a flexible system for military operators, law enforcement, border and harbor security, event safety, facility monitoring, and geospatial imaging, etc.

OPERATIONAL MISSION BENEFITS:

Unmanned and tethered, tactical aerostats are aerodynamic lighter-than-air platforms that provide cost-effective ISR support like a low-flying satellite system, but are much cheaper to launch and operate. Aerostats can provide a constant 'eye in the sky,' delivering persistent, wide-area coverage that lends situational awareness to other air and ground support personnel. Tactical aerostats are ideal for mission surveillance when either rapid deployment or persistent monitoring for days, weeks, or months or years may be required.

MISSIONS:

- ISTAR technology elevation
- CBRN Detection
- EMS coordination & communication
- Persistent facility/infrastructure security & monitoring
- Counter UAS

CAPABILITIES:

Tactical aerostats deliver extended time on station for persistent or vigilant surveillance capability with mission cost containment. They can provide day/night observation capability for weeks without interruption.

The tactical aerostat's rapid deployment capability, simple operation, Wi-fi downlink, and extended life cycle with low maintenance has proven highly effective in enhancing mission success security and operational flexibility in expeditionary environments.

For military/agency operators, Aerostat visibility can mitigate the movements and operational planning of potential adversaries by altering soft target perceptions, and smaller tactical aerostats can serve as a squad centric ISR platform, or a portable and quick assembly surveillance system.

NETWORK INTEGRATION

This flexible airborne asset compliments a multi-layered and cost-efficient approach to persistent reconnaissance, disseminating wide area intelligence and tactical maps in near real time to other systems and commanders, whether they're in the field or back at headquarters. The system empowers continuous situational awareness and data dissemination, as well as recording for post-mission analysis and prosecution assistance.

Aerostat data can be fully integrated for simplified operator proficiency into the moving maps software.



BATTERY BOX



TA ANCHOR SYSTEM

NADATS
North American Defense Advanced Technology Solutions



PAYLOAD OPTIONS:



COMMS SUITE

- » Radio retransmission
- » Wi-Fi
- » Cell phone detector
- » Frequency jammer



MOVING MAPS

Integrates all sensors into single user interface.



LONG RANGE EO/IR

- » Full HD
- » Gyro stabilized
- » Daytime 30 km
- » Nighttime 20 km



SHORT RANGE EO/IR

Recognition Range

- » Daytime 7 km
- » Nighttime 2 km



LIGHTING SYSTEM

- » Flood Light
- » Enhanced Operation Duration
- » Situational Awareness
- » Aerial Environmental Illumination



WIRELESS ANTENNA

- » 20 or 50 mile LOS
- » Resists Jamming and Interference
- » Open source control protocol
- » Available L band to Ka band



GUNSHOT DETECTION

- » Superior Detection
- » Single shot, burst fire, and multiple shooter recognition
- » 360 field of view
- » Reports threat weapon classification



REMOTE WEAPON

Remotely operated weapon system (ROWS) supports various weapons.

FOR SALES INQUIRIES CONTACT:
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