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TACTICAL TOWER SYSTEM (TTS)

FOR SURVEILLANCE, COMMUNICATION RELAY, AND THREAT RESPONSE



| SCALABLE HEIGHTS | |
|------------------|-----------------|
| HEIGHT | WEIGHTS |
| 36 FT | 90 KG / 200 LBS |
| 60 FT | 68 KG / 150 LBS |
| 96 FT | 45 KG / 100 LBS |

| HEIGHT | LINE OF SIGHT (LOS) |
|--------|---------------------|
| 36 FT | 8 MI / 12 KM |
| 60 FT | 11 MI / 18 KM |
| 96 FT | 13 MI / 22 KM |

| LIGHT, MODULAR SEGMENTS | |
|-------------------------|-------------------------|
| Length | 3.66 M / 12 FT |
| Weight | 1-2 LBS / FT |
| Material | Carbon Fiber & Aluminum |

RECONNAISSANCE ELEVATED

The NADATS Tactical Tower System (TTS) is a modular, simple, networkable elevated sensor platform fit for a multitude of packages including: a full HD EO/IR camera system, a shooter detection system, a Remote Operated Weapon Station, and other customizable sensor technologies. All options downlink directly to tablets for remote monitoring used in conjunction with the NADATS Ground Control System (GCS)

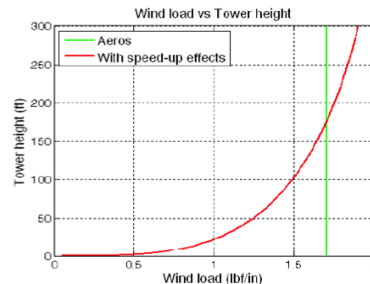
INTEGRATED TECHNOLOGIES

- Unique design allows for ground-based assembly, increasing simplicity and stealth
- Gin pole erection mechanism for fast implementation and minimum man power
- Modular platform for package conversion
- Adaptive anchor system enables flexible placement options on any terrain, or atop existing elevated structures
- Guy-wire design withstands wind loading up to 80 mph



CAPABILITIES

The TTS is a rugged lightweight utility platform available for insertion in all environments and assists with Intelligence, Surveillance, and Reconnaissance (ISR) missions. The modular system is currently available in 36', 60', and 96' options with custom sizes available upon request. The simplicity offers options for rapid re-tasking amongst a wide range of visual, audio, and communication purposes. Lightweight and with a small footprint, towers can be erected at ground level, or attached atop elevated infrastructure or terrain for extended line-of-sight range.



The NADATS TTS seamlessly merges the simplicity of a gin-pole erected tower with the flexibility of a modular utility platform. This combination offers the user the ability to merge recognition, identification, and, if necessary, elimination of a target. This approach takes boots off of the ground, simultaneously providing a safer atmosphere for soldiers and providing increased assurance of target acquisition and rapid response.

The networkable design of the TTS creates a uniquely flexible system for systematic regional coverage, with each tower capable of relaying information autonomously when outfitted with enabling technology.



PAYLOAD OPTIONS:



MULTI-MODE RADAR

- » GMTI
- » Priority track
- » Long range search
- » Small target mode



MOVING MAPS

Integrates all sensors into single user interface. Enables cueing of integrated sensors to one another.



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



COMMS SUITE

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



WIRELESS ANTENNA

- » 20 or 50 mile LOS
- » Resists jamming and interference
- » 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



WEATHER STATION

- » Weather
- » Toxins in Air
- » Humidity
- » Wind speed and direction
- » Temperature



REMOTE WEAPON

Remotely operated weapon system (ROWS) supports various weapons.

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