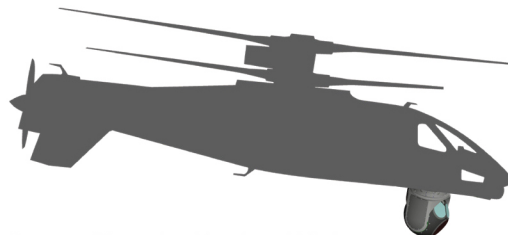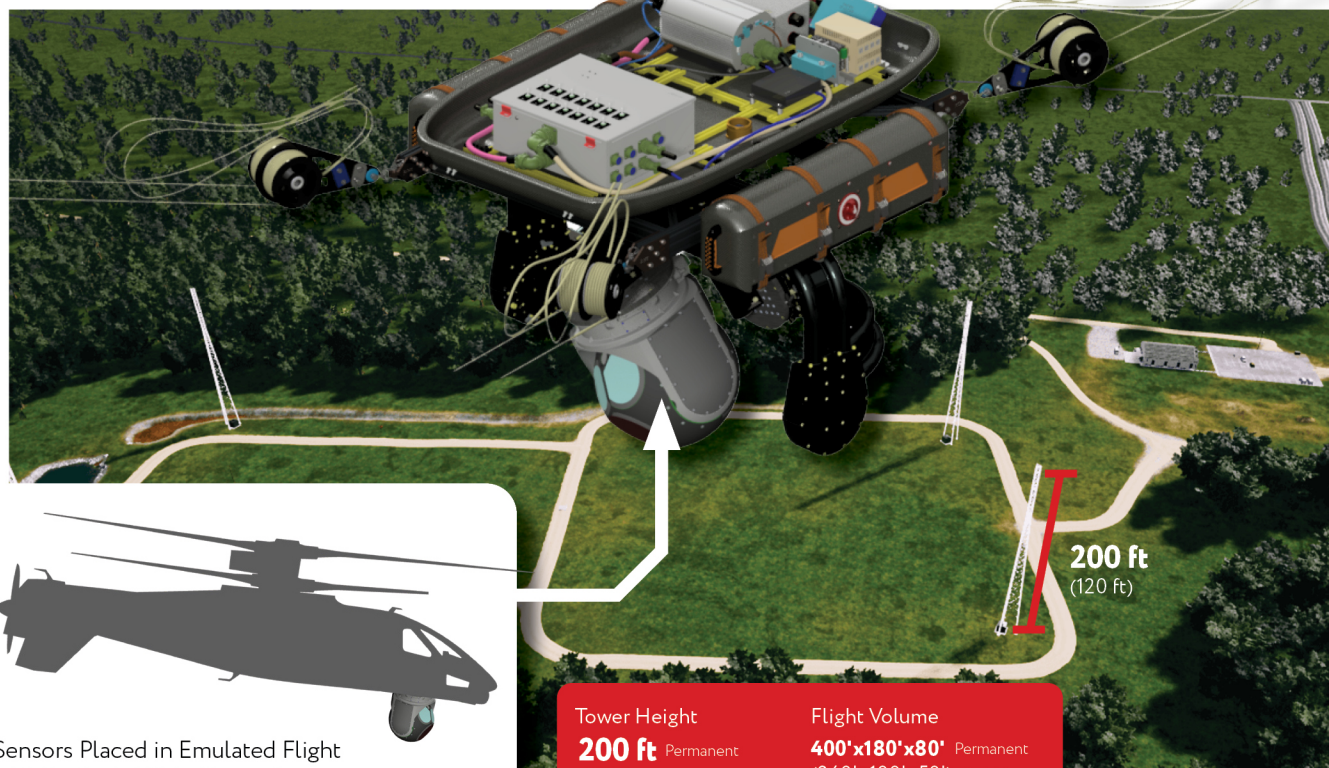# SCETI

SYSTEMS-OF-SYSTEMS CONTROLLED
ENVIRONMENT TEST INFRASTRUCTURE

Adaptable and Extensible for Many Cases

- MOSA Integration Risk Reduction
- Pilotage System Integration & Risk Reduction
- Sensor Fusion, Pilotage Heads-up Eyes Out Display, Obstacle Detection
- Overhead Imagery of APS Testing
- Aircraft Landing & Take-off Simulator for Aircraft Survivability Equipment Testing
- Hostile Fire Indicator Testing (with small arms)
- Autonomous Takeoff/Landing
- Flight Testing of Pilotage Sensors
- Dynamic Target Arrays
- Sensor Testing
- Missile Seeker End-game Captive Flight
- 3D Scanning
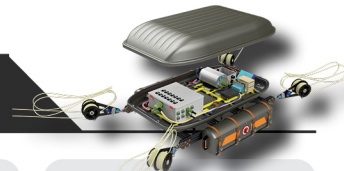- Counter UAS Target Simulator

Sensors Placed in Emulated Flight with Realistic Flight Dynamics

200 ft
(120 ft)

Tower Height	Flight Volume	
200 ft Permanent	**400'x180'x80'** Permanent	
(120 ft) Portable	(240'x100'x50') Portable	

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Performance

Horizontal Velocity
Up to 50 ft/s

Vertical Velocity
Up to 5 ft/s

Position Accuracy
Within 2 ft RSS

3DOF
Up to 250 lbs

6DOF (w/ Gimbal)
Up to 125 lbs

Contact Us

🌐 BD@GeeksAndNerds.com

Flight System

- Highly accurate and repeatable positioning and attitude controls

- Manual, scripted, playback & external control modes

- Local or distributed cockpit sim integrated for "Pilot-in-the-Loop" testing and training

Power & Data

- Power via swappable and configurable smart batteries supplying MIL-STD 704 28vDC Aircraft Power with 500Wh to 2000Wh capacity to provide SWaP extensibility

- Data connections to include: GigE, 1553, ARINC 429, RS-232, RS-422, RS-485, HD-SDI, dark fiber, and others available upon request

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