



# NORTHERN PLAINS UAS TEST SITE

## ABOUT US

The Northern Plains UAS Test Site (NPUASTS), an FAA-designated UAS Test Site, is a national leader in autonomous solutions and cutting-edge technology development. Our mission is to advance innovations that deliver tangible benefits to communities while ensuring the safe integration of unmanned aircraft systems (UAS) into the National Airspace System. Through innovative research, commercialization efforts, and active participation in policy and standards development, NPUASTS drives progress in the UAS industry, supporting industries and enhancing safety.

## CORE COMPETENCIES

### Counter UAS (C-UAS) Expertise & Testing

- Trusted DoD partner with extensive C-UAS experience
- Expertise in regulatory approvals for C-UAS testing
- Access to test ranges and logistical support
- Skilled personnel for detect, track, identify, and defeat operations

### Beyond Visual Line of Sight (BVLOS) Operations

- Permanent BVLOS infrastructure across multiple locations
- Custom BVLOS flight solutions based on client needs
- Access to BVLOS corridors and Digital Air Surveillance Radar

### Mobile & On-Site Testing Capabilities

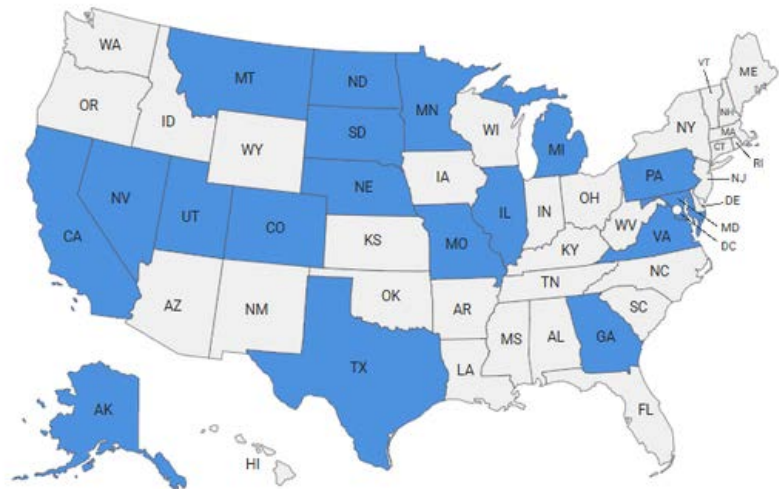
- Ability to deploy to client locations for testing and operations
- Mobile command trailers and support infrastructure
- Flexible logistics to test in diverse environments

### Comprehensive UAS Testing & Support Infrastructure

- Access to test ranges, hangar space, and mission-critical assets
- Industry-leading expertise in UAS operations and integration
- End-to-end support for UAS testing, validation, and mission execution

## OUR APPROVAL CAPABILITIES

- **Nationwide COA:** Allows operations of small UAS up to 1,200' AGL under an overarching Public Aircraft Operations (PAO) framework, providing broad flexibility for missions across the country. Supports aircrafts up to 55 lbs.
- **44803 Approval:** Supports BVLOS operations of aircraft up to 1,320 lbs in ranges over 4,000 sq miles. Supports aircraft up to:
  - 17,999' MSL using DASR Wedge at Grand Forks AFB
  - 7,000' AGL in Western North Dakota
  - 1,200' AGL at Gorman Field and Mayville
- **General Waivers:** Provide customized waivers to fit the needs of the operation if outside of standard approvals.



## NORTH DAKOTA NATIONWIDE LEADER

As a recognized leader in UAS, the NPUASTS has extended its operations to 18 states across the nation. This extensive reach has enabled NPUASTS to conduct over 22,000 flights and secure more than 50 Certificates of Authorization from the FAA.

## DEFINING THE RIGHT LOCATION

Our team collaborates closely with yours to identify the ideal location for your operations, leveraging our extensive experience and existing airspace approvals to streamline the approval process. If your project requires additional flexibility, we are fully equipped to submit new COA applications, ensuring all operations align with your specific scope, schedule, and budget.

### **GrandSKY UAS Flight Operations Center, Grand Forks, ND**

UAS operations center supporting flight ops, testing, and training for Class 1 - 5 UAS. Over 11,000 sq. miles of Ground Based Sense and Avoid based BVLOS coverage with 2,800 sq. miles of UAS operational area, 12,351 x 150 runway, vertical take-off capability, ground support, short-term hangar rentals through new facility development.

### **Gorman Field, Grand Forks, ND**

Full-service location, Secure Office (1500 Sq/ft) & Hangar Space (3000 Sq/ft), 33-acre flight area, 8-mile detection range, Integrated ADS-B In, High performance X Band Doppler Radar.

### **Mojave Air & Space Port (MHV), Mojave, CA**

Full service location, multiple runways and assets available when coordinated with Rutan MHV. Current approval for UAS in Class D, E, and G airspace, at or below 2,000' AGL, under jurisdiction of MHV ATCT and JCF.

### **US Army National Guard Training Facilities:**

#### **Camp Grafton South, Devils Lake, ND**

14 sq miles, Restricted Airspace, general facilities, ground support assets available, current approvals up to 1200' MSL for under 55lbs.

#### **Limestone Hills Training Center, Townsend, MT**

454 acres, live ammunition training facility, current approvals up to 1200' MSL for under 55lbs.



Vantis is the state of North Dakota's system for enabling advanced UAS operations. Vantis represents aviation-grade infrastructure and services to support beyond visual line-of-sight (BVLOS) flights, significantly expanding operational range for commercial UAS programs. Vantis comprises physical and virtual infrastructure and services as well as a regulatory framework to provide turnkey support to UAS operators. Vantis currently covers nearly 5,000 Sq Miles and is continuing to expand coverage.

Vantis is the first system of its scale in the United States, facilitating commercial drone use across various industries like agriculture, energy, public safety and transportation.



Project ULTRA is a collaborative initiative led by Grand Forks County with extensive support from the Northern Plains UAS Test Site to advance the Department of War's (DoW) capabilities in unmanned aircraft systems within the National Airspace System. Focused on military cargo transport, traffic management, and situational awareness, the project involves partnerships with GrandSKY, NASA, and AFRL. Demonstration flights, including cargo transport between GrandSKY and Cavalier Space Force Station, showcasing UAS potential for logistical and operational efficiency.



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**CONTACT US**  
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