

Flight Testing Market for Commercial UAV and UAM Vehicles

Dr. Tulinda Larsen

Executive Director, Deseret UAS

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Mission: To facilitate Utah economic development through the advancement of commercial UAM flight testing

Vision: To establish Utah as a global leader in commercial UAM flight testing and applied research



Objectives

- Promote Utah UAM commercial flight test ranges to meet multiple UAM missions
- Commercial incubator for UDOT Highways in the Sky project
- Support for FAA/NASA unmanned programs through Nevada NIAS partnership

NASA TCL-4

FAA UPP



MISSION: BEYOND VISUAL LINE OF SIGHT TESTING

- 40 miles from SLC Airport
- Wide-open land
- Supportive local community
- Mobile Flight Monitoring Center
- Conducive air space

Tooele County, Utah



MISSION: AIRCRAFT REQUIRING RUNWAY TESTING

- Paved runway
- Flight Monitoring Center
- High Speed Internet
- Support Services
- Secured facility
- 60x60 Steel Hanger

Box Elder County, Utah



MISSION: URBAN ENVIRONMENT TESTING

- Urban environment
- Population 90,000
- Supportive local government
- Business district
- Residential



Ogden City, Utah

MISSION: UAS PILOT TRAINING

- Utah based, DARTDrones conducting UAS pilot training at Deseret UAS Xperience Center
- AUVSI Trusted Operator Program (TOP) certified training; Level 3 TOP Training Provider
- Funding from ABC's Shark Tank

Tooele County, Utah



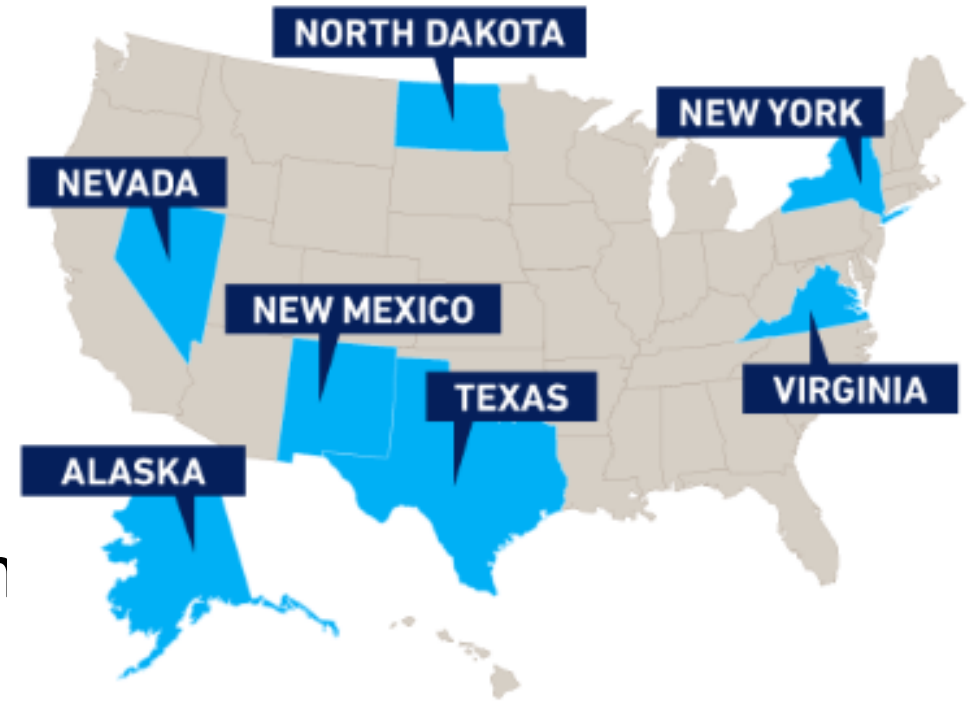
DESERET UAS WHITE PAPER

- Demand growing exponentially
- Market is forecast at \$1.3 trillion
- NASA Launched UAM Grand Challenge
- More than 240 UAM vehicles are in development today
- Need for more test sites for large UAV and UAM vehicles
- Download at deseretuas.org



FAA UAS TEST SITES

- Designed for FAA & NASA UTM research and testing
- Pre-date emergence of UAM industry
- Many are remotely located
- Services and prices not publicly available
- Some lack variable operating conditions such as topography, weather, altitude
- None approach from a commercial business perspective



DESERET UAS COMMERCIAL UAM FLIGHT TESTING

- A commercial business approach
- Services designed for commercial UAM vehicles and services
- Access to FAA COAs and aircraft airworthiness certification through USU AggieAir
- Access to FAA UAS Test Site through teaming agreement with NIAS
- Multiple sites to meet mission requirements
- A variety of operating conditions
- Close to major international airport
- Networking with key organizations in Utah
- Introductions to funding sources
- Business services to start-up UAM companies

