



14,805
Aerospace and
Defense Jobs (2017)



14.3%
Change
(2011-2017)



\$99,349
Avg. Earnings Per Job
(2017)



938
Businesses
(2017)

Unmanned Aerial Systems

Through the Nevada Institute for Autonomous Systems (NIAS), the Nevada System of Higher Education, private industry, and collaborations with international partners, the State of Nevada is a world leader for innovation in the unmanned aerial systems (UAS).

On behalf of the Governor's Office of Economic Development (GOED), NIAS supports the growth of the sector with business teaming relationships, collaboration with primary research institutions, and cultivation of the industry knowledge base within the state to attract new business.

In 2012, Nevada sought and won an Federal Aviation Administration (FAA) designation as one of now seven UAS test sites established to assist with integration into the National Airspace System (NAS).

NIAS has participated in history-making demonstrations, including:

Longest-ever drone package delivery, flying a fixed-wing UAV more than 97 miles to Austin, Texas using cellular connectivity.

Tested NASA's Flight Information Management System (FIMS) research platform that will serve as a future prototype system for the FAA.

Participated in first U.S. emergency drill where commercial drones conducted operations with manned emergency aircraft in the same airspace with mission of saving lives and property.



NIAS and Polish Institute of Aviation (ILOT) conduct joint operations with National Aeronautics and Space Administration (NASA)

Growth-Minded

- Extending NIAS Command and Control through the Node Aviation Management System (N2AMS).
- Connecting UAS industry, air/ground operations and regional business opportunities in Nevada UAS Economic Cluster Zones.
- Collaborating with institutions of higher education on UAS testing, training and development of real world applications.
- Facilitating Beyond Visual Line of Site (BVLOS) UAS flight operations through Nevada's Intrastate UAS Air Corridor.
- Utilizing UAS for package delivery, cloud seeding, powerline inspection, wildlife monitoring, agriculture, and mine surveying.



Why be a Teammate?

NIAS teammates help advance the autonomous systems industry by teaming with commercial, education, and government entities. Collaborate with other teammates and industry experts. Support industry research and business development. Share lessons learned and expertise.

Why Train with NIAS?

More and more businesses are using UAVs to provide services in a variety of industries, making certification a valuable asset. With our training program go from learning to fly drones all the way through to preparing for FAA certification in just three weeks.

Interested in training with us?

Register Online at: nias-uas.com/training

NIAS is located in the Switch Innevation Center at:

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Services

Air and ground mission planning

Big and opportunity management

Consultation, training and education outreach

FAA documentation and reporting

National airspace management

Research and development

Traffic management systems

Industries using UAV's include:

Construction

Agriculture

Real estate

Surveying and mapping

Photography

Film making

Law enforcement

Telecom

Disaster management

General contracting

Mass Media

Weather monitoring

Industrial inspections

Freight transport

Insurance

