Overview of the Unmanned Aircraft Systems Industry

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About AUVSI

- AUVSI’s mission is to advance the unmanned systems and robotics community through education, advocacy and leadership.
- AUVSI’s vision is to improve humanity by enabling the global use of robotic technology in everyday lives.
- In its 43rd year, AUVSI is the world’s largest non-profit association devoted exclusively to unmanned systems and robotics
  - Air, Ground and Maritime
  - Defense, Civil and Commercial
- AUVSI represents more than 7,500 members, including more than 600 corporate members from more than 60 countries
- Diverse membership from industry, government and academia
AUVSI Chapters

- AUVSI has more than 30 Chapters across the U.S., and others in the UK, Spain, Israel and Singapore
- Many chapters have hosted events that include information on commercial uses for UAS
- Precision Agriculture
  - Cascade Chapter (Oregon and Washington)
  - USA-OK Chapter (Oklahoma)
  - Atlanta Chapter (Georgia)
  - Pathfinder Chapter (Alabama)
- First Responders/Law Enforcement/Search and Rescue
  - Cascade Chapter (Oregon and Washington)
  - Lone Star Chapter (Texas)
- Commercial/Consumer Robotics
  - Silicon Valley Chapter (N. California)
  - Twin Cities Chapter (Minnesota)
  - Mountain West (Utah and Idaho)
UAS Economic Potential

AUVSI’s Economic Report:

- The UAS global market is currently $11.3 billion
- Over the next 10 years, the UAS global market will total $140 billion
- The economic impact of US airspace integration will total over $13.6 billion in the first three years and will grow sustainably for the foreseeable future, cumulating to over $82.1 billion between in first decade
UAS Industry in Florida

According to AUVSI’s Economic Impact Report, the UAS industry will add almost $3.8 billion and more than 4,800 jobs to Florida’s economy in the first decade following integration into the airspace.
Exemptions Report

Top States

1. California
2. Florida
3. Texas
4. New York
5. Colorado
6. Illinois
7. North Carolina
8. Ohio
9. Pennsylvania
10. Georgia

Revenue

Business Applications

- Aerial Photo
- Real Estate
- Inspection
- Survey
- Construction

AERIAL PHOTO
REAL ESTATE
INSPECTION
SURVEY
CONSTRUCTION
Know Before You Fly Campaign

- Education campaign to teach prospective UAS users how to fly responsibly
  - Partnered with Academy of Model Aeronautics and FAA
- Website [www.knowbeforeyoufly.org](http://www.knowbeforeyoufly.org) provides recreational, commercial, and public entities with information and guidance to fly safely and responsibly.
- Working with manufacturers and distributors to include pamphlets in UAS product packaging and at the point of sale

DID YOU KNOW?

Unmanned aircraft must follow temporary flight restrictions around stadiums and racetracks.

Click here to learn more.
FLYING SAFELY

Know your surroundings
Some municipalities prohibit the operation of remote controlled aircraft within public spaces such as parks and school grounds. There are rules of the air you need to know. Always check with local authorities before you fly your drone.

Recreational or commercial use?
Using a drone in connection with a business is considered to be commercial use by the FAA. This includes but is not limited to:

- Real estate, wedding or other photography
- Inspection or survey services
- Film or television production

Visit faa.gov/uas for more information
Go to knowbeforeyoufly.org to stay up to date on how and when you can fly your drone.

- If you own a drone, register your drone at registermyuas.faa.gov
- Fly within visual line of sight
- Fly below 400 feet
- Avoid flying near other aircraft
- Avoid flying over groups of people and stadium events
- Be aware of FAA airspace requirements faa.gov/go/uas/tr
- Never fly near other aircraft or airports
- Do not fly under the influence
- Keep well away from emergency response efforts such as fires
Over 100 Supporters
Thanks for the Work You Are Doing!

AUVSI
www.auvsi.org