

# AEROSPACE UPDATE



January 2015

## What is Aerospace?



Aerospace

Georgia's aerospace industry is made up of many diverse sectors and it can be difficult to describe it all in one term. **We use "Aerospace" as an umbrella term that can be understood to encompass aviation, aeronautics and astronautics. At the Center of Innovation for Aerospace, we define aerospace as any activity involving research, development, manufacturing, operation, and sustainment of vehicles that fly in the atmosphere (aeronautics) or in outer space (astronautics).**

The evolution of the term "aerospace" began when Sputnik launched into orbit in 1957 and the "Space Race" began. U.S. leadership combined the best talent in aeronautical engineering and rocket design into an "Aerospace" team, highlighting a shift in focus from the aeronautical engineering that began with the Wright Brothers. Advances in rockets, spacecraft, satellites, communications and computers were all driven by the aerospace enterprise. As the exploration of space gained momentum, many traditional aeronautical companies, such as Boeing, Grumman and McDonnell Douglas formed 'space divisions' to develop and build spacecraft alongside their traditional aircraft production, and the term "aerospace" could be construed to cover both activities.

Georgia's aerospace industry employs over 85,000 people working at 500 companies in Georgia with specialties across the spectrum of flight, and each is important to our state's economy. What the people in all of these sectors share is a love of things that fly, and the skills to design, manufacture, operate or repair these wondrous flying machines. If you work at Lockheed Martin in Marietta designing new military aircraft or producing the C-130, you work in the aerospace sector. Both commercial space companies such as Generation Orbit and UAS companies like Area-I are in growing sectors of aerospace. All of the teams at Delta Tech Ops who keep that airline's fleet flying each day, the crews that fly them, and the thousands of support personnel that keep that complex system running all work in aerospace. The general aviation operation that provides charter services, the local airport maintenance shop, and the local FBO, while focused on aviation, are also part of the larger aerospace industry.

From Ben Epps' first flight to the Unmanned Systems being tested at Flight Guardian, Georgia has a long, rich history in Aerospace endeavors. No matter where you and your company fit into our diverse industry, all of us can proudly say - **"We are Georgia Aerospace"**.

## Upcoming Events

## Aerospace Events

January 12

### C-STAR Distinguished Speaker Seminar

Atlanta, GA

[More info](#)

January 14

### Sebring Sport Aviation Expo

Sebring, FL

[More Info](#)

### UAS Agriculture Software Webinar

[More Info](#)

January 15

### AUVSI Atlanta Chapter Meeting

Atlanta, GA

[More Info](#)

### 2015 Defense Budget Trends Webinar

[More Info](#)

January 17

### Women's Aviation Career Day

Williamson, GA

[More Info](#)

January 20

### AIAA Atlanta Dinner Meeting

Atlanta, GA

[More Info](#)

January 26

### FAR Fundamentals Course

Atlanta, GA

[More Info](#)

January 31

## AUVSI Unmanned Systems in Precision Agriculture Conference



The Unmanned Systems in Precision Agriculture Conference 2015, is an event showcased by the Atlanta Chapter of the Association for Unmanned Vehicle Systems International (AUVSI). The conference is in the heart of Georgia's agriculture industry located at the University of Georgia's Tifton Campus Conference Center and will be held February 3-4, 2015.

[LEARN MORE](#)

## C-STAR Distinguished Speaker Seminar



**"The Voyager Spacecraft after 37 years in Space":** The quest for traveling beyond our solar system. Dr. Stamatis Krimigis will discuss how the contributions of this historic mission has enhanced our understanding of our solar system and what exists beyond. The seminar will be held on January 12, 2015 at 6 pm.

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## Dixie Crow Symposium 40



**"The Power of EW & ISR for Sustained Air Supremacy"**

March 22-26, 2015  
Museum of Aviation  
Robins AFB, Georgia

Technical Program and Short Courses sponsored by The Dixie Crow Chapter of the Association of Old Crows.

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## News

### Atlanta Aero Club 30th Anniversary Luncheon with Two Special Guest Speakers

The Atlanta Aero Club celebrated 30 years at their anniversary luncheon held on December 18th at the Capital City Club. Special guest speakers were former Governor Sonny Perdue, who shared his thoughts on the importance of the Georgia aerospace industry to our economy and Mr. Kevin McGagin, Vice President of C-130 Production Operations at Lockheed Martin, who spoke about the C-130

### Globe Award Application Deadline

Atlanta, GA  
[More Info](#)

**February 3**

### UAS Working Group Meeting

Tifton, GA  
[More Info](#)

### AUVSI Unmanned Systems Conference

Tifton, GA  
[More Info](#)

Send news or event info to: [ahudnall@georgia.org](mailto:ahudnall@georgia.org)



Follow [@COIAerospace](#) on Twitter for more updates on Georgia's aerospace industry

### UPDATE: Directory

Please visit the directory to verify your listing or add your company to the directory.





program's 60-year history, and its continued strength for the future.

Pictured left to right: Mrs. Amy Hudnall, Deputy Director, Center of Innovation for Aerospace, former Governor Sonny Perdue, Maj Gen Stayce Harris, 22nd Air Force Commander, Air Force Reserve Commandon

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## Educational Opportunities

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### UAS Agriculture Software Webinar

 **Flight Guardian** January 14, 2015  
2:00 pm - 3:00 pm  
Cost: **FREE!**

Free Webinar on WingScan Software for Agriculture UAS flights sponsored by Flight Guardian. The technology behind WingScan® is world class. You can simultaneously view high resolution aerial imagery, high resolution NDVI imagery, soil data, your own planting maps and your own yield maps.

[LEARN MORE](#)

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### 2015 Defense Budget Trends Webinar

January 15, 2015  
2:00 pm - 3:00 pm  
Cost: **FREE!**

As the 2015 calendar year begins, how will government spending affect defense contractors? Join Bloomberg Government, in partnership with the National Defense Industrial Association, for a complimentary webinar on analyzing Congress' recent budget deal and ways contractors can position themselves for growth in 2015.

[LEARN MORE](#)

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### FCN 190-Federal Acquisition Regulation (FAR) Fundamentals

January 26-February 6, 2015  
Location: Atlanta, GA



Cost: \$2,250

**Deadline: January 27, 2015**

FAR Fundamentals (FCN 190) is a contracting course that benefits federal civilian agency GS-1102 contracting personnel as well as aspiring government contractors. This course is 10 days in length and provides foundational knowledge of the Federal Acquisition Regulation (FAR) System.

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**Southern Classic Robotics Competition, a GeorgiaFIRST Event**



STEM Education is the key to moving our economy forward. GeorgiaFIRST is an organization advancing this effort across the state of Georgia. They engage kids in the creative "hands-on, minds-on" process of technological innovation, and their goal is to get kids excited about science and technology. Come out and watch this

group of talented young people!

**February 27-March 1, 2015**

**Georgia National Fairgrounds & Agricenter  
Perry, Georgia**

*GeorgiaFIRST is in need of volunteers, sponsors, and especially judges for this event! If you are interested in participating or sponsoring this event, contact [Connie Haynes](#), Executive Director of GeorgiaFIRST.*

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**Crow's N.E.S.T. (Novel Experiments with Science & Technology)**

**Location: Warner Robins, GA**

The Dixie Crow Chapter of the Association of Old Crows Science, Technology, Engineering, and Mathematics (STEM) Robotics displays and technology demonstrations, are an interactive experience that will capture the minds and hearts of students, parents, and teachers. The displays are a collaborative effort between local military, government civil service, academia, defense industry, and volunteers designed to inspire students to pursue STEM careers.

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**International Trade Opportunities**

**2015 GLOBE Award**

**Application Deadline: January 31, 2015**



The Georgia Department of Economic Development is now accepting applications for 2015 GLOBE (Georgia Launching Opportunities By Exporting) Award, which recognizes Georgia companies for achieving entry into one or more new international markets.

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## Trade Mission to 2015 EBACE

May 19-21, 2015

Location: Geneva, Switzerland

Cost: \$500

**Deadline: January 31, 2015**

EBACE is the only major European event focused solely on business aviation, with attendees and exhibitors from around the world. Participating companies will meet key contacts and leverage trade opportunities. Customized, pre-qualified, one-on-one appointments can help accelerate success in this market of 27 countries. To register or for questions: Taube Ponce, Senior International Trade Manager, 404-962-4118 or [tponce@georgia.org](mailto:tponce@georgia.org)

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a division of the Georgia Department of Economic Development | Learn more at [Aerospace.GeorgiaInnovation.org](http://Aerospace.GeorgiaInnovation.org)

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