

*Announcing the Premiere UAS Symposium on the East Coast!*

# UNMANNED AIRCRAFT SYSTEMS EAST

**For Defense and Government**

**- OPPORTUNITIES, CAPABILITIES, NEEDS AND CHALLENGES -**



- Emerging UAS DoD and Government Needs & Requirements from: DHS, NGA, USA/TRADOC, USA, USN, USMC, USSOUTHCOM
- Major UAS Program Updates and Emerging Platforms Needs, Capabilities & Opportunities
- FAA "Drone" Rules & NAS Regulations & DoD Program Analysis
- Cutting-Edge Mission Opportunities and Updates Within Homeland Security, Customs & Border Protection, Maritime Security, and FAA

**Guest Expert Presenters from:** DHS, HQMC, USA, USCG, USSOUTHCOM, CBP/NASO, 163rd ATKW/ANG, NGA, ONR, ONI/PMW-120, AeroVironment, General Atomics Aeronautical, Northrop Grumman, Harris, MSU/ASSURE FAA COE, NMSU/UAS Flight Test Site, NIAS, JHU/APL, CSFI, AISC, Velocity Group, NRL, and CyPhy

**Washington, DC • November 7-8, 2017**

Co-Sponsor



Symposium Management by: Technology Training Corporation  
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## ***UNMANNED AIRCRAFT SYSTEMS EAST (For Defense and Government)***

“Unmanned Aircraft Systems East” is a very valuable investment in your time. Attendees will obtain invaluable information on the emerging opportunities in the **Military, Government, Commercial and Civil Markets** found nowhere else. Key program offices will examine UAS from first hand experiences and address the **Needs, Requirements and Opportunities** needed. Key issues will include:

- **Emerging Defense and Government UAS Needs & Requirements**
- **DoD UAS Joint Program Updates**
- **Emerging Platforms & Sensor Capabilities, Training & Testing**
- **UAV Program Updates and Platforms**
- **Developing Counter UAS & Detect & Avoid Technologies**
- **sUAS Innovations, Growth, Capabilities and Opportunities**
- **FAA NAS Regulatory Updates**

### ***Our Distinguished Panel of UAS Experts***

<b>Ms. Anh Duong, SES</b>	Program Executive for Unmanned Aerial Systems Department of Homeland Security Science and Technology Directorate
<b>Captain Joe Kimball, USCG</b>	Chief, Office of Aviation Forces (CG-711)
<b>Mr. Todd Myers</b>	Senior Architect, National Geospatial Intelligence Agency
<b>Mr. Joseph Hosack</b>	Science & Technology Branch Chief, USSOUTHCOM
<b>Mr. Henry Cathey Jr</b>	Deputy Director, Physical Science Laboratory, New Mexico State University UAS Flight Test Site
<b>Mr. James Meadows</b>	Director, Air Operations, National Air Security Operations, HQ, U.S. Customs and Border Protection
<b>Mr. Charles Gassert</b>	Assistant Program Manager, DCGS, Navy DI2E Knowledge Management IPT Chair, Office of Naval Intelligence Liaison for PMW-120
<b>Col (USAF-ret) Stephen “Lux” Luxion</b>	Deputy Director, ASSURE FAA Center of Excellence, MSU
<b>Col Christopher “Lack-O” McDonald, ANG</b>	163rd Attack Wing (ATKW), Air National Guard
<b>Mr. Chris Pehrson</b>	Vice President DoD Strategic Development, General Atomics Aeronautical Systems, Inc.
<b>Mr. Chris Walach</b>	Director of all FAA-designated Nevada UAS Test Sites, NUANCE Center & Senior Director of the Nevada Institute for Autonomous Systems
<b>Mr. John Delay</b>	Director of Strategy, Harris Corporation
<b>Major Peter “Fizz” Ban, USMC</b>	UAS Capabilities Integration Officer, HQMC Capabilities Development & Integration
<b>Mr. Paul de Souza</b>	CSFI-CWD (Cyber Warfare Division) Founder Director Military Cyber Professionals Association (MCPA) Advisor Adjunct Faculty, George Washington University
<b>Mr. David Hendrickson</b>	Director, Business, Development, AeroVironment
<b>Mr. Larry Friese</b>	Founder, Aerial Information Systems Corporation (AISC)
<b>Mr. Bob Dehnert</b>	Director, UAS Systems, Northrop Grumman Aerospace Systems
<b>Mr. Matt England</b>	Vice President, Government Systems, CyPhy Works
<b>Mr. R. Chad Hawthorne</b>	Ocean Systems and Engineering Group, Johns Hopkins University Applied Physics Lab
<b>Dr. Robert Walters</b>	U.S. Naval Research Lab, Head, Optoelectronics & Radiation Effects Branch
<b>Col Paul Cravey, USA</b>	Director, TRADOC Capabilities Manager, Unmanned Aircraft Systems, US Army Aviation Center of Excellence
<b>Major Michael Osmon, USA</b>	Program Manager, NextGen TUAS Tech Demo, U.S. Army Aviation and Missile Research, Development, and Engineering Center
<b>Senior Representative</b>	432d, Air Expeditionary Wing Group, Creech Air Force Base
<b>Mr. Ron Stearns</b>	Business Development Mgr., Robotics and Unmanned Systems, Velocity Group

# Unmanned Aircraft Systems East Symposium



Washington, DC  
November 7-8, 2017

## I. Emerging Government & Military UAS Needs, Initiatives & Opportunities

### “sUAS Capabilities Plans and Programs for Homeland Defense”

**MS. ANH DUONG, SES**

Program Executive for Unmanned Aerial Systems  
Department of Homeland Security Science and Technology Directorate



### “RPA Roles and Missions at USSOUTHCOM”

**MR. JOSEPH HOSACK**

Science & Technology Branch Chief,  
United States Southern Command, USSOUTHCOM



### “UAS Capabilities for The Maritime Domain”

**CAPTAIN JOE KIMBALL, USCG**

Chief, Office of Aviation Forces (CG-711)



### “DCGS UAS Plans & Programs for Navy ISR”

**MR. CHARLES GASSERT**

Assistant Program Manager, Distributed Common Ground Systems (DCGS-N),  
Navy DI2E Knowledge Management IPT Chair,  
Office of Naval Intelligence Liaison for PMW-120 (tentative)



### “CBP UAS for Border Protection”

**MR. JAMES MEADOWS**

Director, Air Operations, National Air Security Operations, HQ,  
U.S. Customs and Border Protection, Department of Homeland Security



U.S. Customs and  
Border Protection

### “Tactical UAS Capabilities S&T Programs”

**MAJOR MICHAEL OSMON, USA**

Program Manager, Next Gen TUAS Tech Demo, U.S. Army  
Aviation and Missile Research, Development, and Engineering Center (AMRDEC)  
Aviation Development Directorate



## **“UAS for ISR”**

**MR. TODD MYERS**

Senior Architect, National Geospatial Intelligence Agency (NGA) (Invited)



## **“Current and Future USMC UAS Capabilities”**

**MAJOR PETER “FIZZ” BAN, USMC**

UAS Capabilities Integration Officer

HQMC Capabilities Development & Integration



## **“Air National Guard RPA Total Force Enterprise”**

**COL CHRISTOPHER “LACK-O” MCDONALD, ANG**

163rd Attack Wing (ATKW), Air National Guard



## **“Leveraging Unmanned Systems to Protect and Sustain the Warfighter”**

**COLONEL PAUL A. CRAVEY, USA**

Director, TRADOC Capabilities Manager, Unmanned Aircraft Systems,

US Army Aviation Center of Excellence (tentative)



## **“432d UAS Needs, Capabilities and Requirements for the Warfighter”**

**SENIOR REPRESENTATIVE**

432d, Air Expeditionary Wing Group, Creech Air Force Base (invited)



## **“UAS Solar Soaring Program”**

**DR. ROBERT WALTERS**

U.S. Naval Research Laboratory, Head, Operations and Radiation Effects Branch



## **II: Drone Integration in the NAS: Testing, Regulatory and Market Forecast**

### **“The ASSURE Program Update at MSU”**

**COL (USAF-RET) STEPHEN “LUX” LUXION**

Deputy Director, Alliance for System Safety of UAS through Research Excellence (ASSURE)

FAA Center of Excellence, Mississippi State University (MSU)



### **“Blue Skies and Wide Open Spaces – NMSU’s UAS Flight Test Site Program”**

**MR. HENRY M. CATHEY JR.**

Deputy Director, Physical Science Laboratory,

New Mexico State University UAS Flight Test Site



### **“UAS Test and Evaluation of Autonomy”**

**MR. R. CHAD HAWTHORNE**

Ocean Systems and Engineering Group, APL’s Force Projection Sector,

Principal Investigator for the Range Adversarial Planning Tool (RAPT)



### **“NIAS UAS Research & Development Plans and Programs”**

**MR. CHRIS WALACH**

Director of all FAA-designated Nevada UAS Test Sites, NUANCE Center, &

Senior Director of the Nevada Institute for Autonomous Systems (NIAS) (tentative)



## **“Counter UAS Red Teaming Services”**

**MR. LARRY FRIESE**

*Founder, Aerial Information Systems Corporation*



## **“Aircraft Acquisition, Global Trends and UAS Commercial Transition”**

**MR. RON STEARNS**

*Business Development Manager, Robotics and Unmanned Systems, Velocity Group*



## **III. Cutting Edge Detect & Avoid Sensor and Imagery Capabilities**

### **“Mission Assurance: UAS in Contested Environments”**

**MR. CHRIS PEHRSON**

*Vice President DoD Strategic Development,  
General Atomics Aeronautical Systems, Inc.*



### **“Motion Imagery Analytics, the Challenges and Opportunities”**

**MR. JOHN DELAY**

*Director of Strategy, Harris Corporation*



### **“Parc Platform for the Warfighter Situational Awareness”**

**MR. MATT ENGLAND**

*Vice President, Government Systems, CyPhy Works*



### **“Enhancing sUAS Capabilities for the Warfighter”**

**MR. DAVID HENDRICKSON**

*Director, Business, Development, AeroVironment*



### **“Global Hawk Program Update”**

**MR. BOB DEHNERT JR.**

*Director, UAS Systems, Northrop Grumman Aerospace Systems*



### **“UAS Cyber Capabilities”**

**MR. PAUL DE SOUZA**

*CSFI-CWD (Cyber Warfare Division) Founder Director  
Military Cyber Professionals Association (MCPA) Advisor  
Adjunct Faculty, George Washington University*



**Would you like to be an exhibitor at this symposium?**

**Please contact Macy Walp at 310-320-8110 or [Mwalp@ttcus.com](mailto:Mwalp@ttcus.com) to find out how your organization can participate.**

