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







Symposium Management by: Technology Training Corporation www.TechnologyTraining.com



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

**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

#### "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* 



Homeland











#### **"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)





**ASSURE** 











Would you like to be an exhibitor at this symposium? Please contact Macy Walp at 310-320-8110 or Mwalp@ttcus.com to find out how your organization can participate.

#### "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

<b>"Mission Assurance: UAS in Contested Environments"</b> MR. CHRIS PEHRSON Vice President DoD Strategic Development, General Atomics Aeronautical Systems, Inc.	GENERAL ATOMICS
<b>"Motion Imagery Analytics, the Challenges and Opportunities"</b> MR. JOHN DELAY Director of Strategy, Harris Corporation	HARRIS
<b>"Parc Platform for the Warfighter Situational Awareness"</b> MR. MATT ENGLAND Vice President, Government Systems, CyPhy Works	<b>Cy</b> Phy
<b>"Enhancing sUAS Capabilities for the Warfighter"</b> MR. DAVID HENDRICKSON Director, Business, Development, AeroVironment	AeroVironment <sup>™</sup>
<b>"Global Hawk Program Update"</b> MR. BOB DEHNERT JR. Director, UAS Systems, Northrop Grumman Aerospace Systems	NORTHROP GRUMMAN
<b>"UAS Cyber Capabilities"</b> <b>MR. PAUL DE SOUZA</b> CSFI-CWD (Cyber Warfare Division) Founder Director Military Cyber Professionals Association (MCPA) Advisor Adjunct Faculty, George Washington University	



VELOCITY



## Unmanned Aircraft Systems East for Defense and Government

#### Washington, DC

## Active Military

November 7-8, 2017 ian Individual

University

U.S. Govt Civilian
Teams 3/more

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Washington, DC • November 7-8, 2017

#### HOTEL TO BE ANNOUNCED

#### Attendance is limited to US, NATO, and allied countries only.

We reserve the right to alter the published program if necessitated by circumstances beyond our control. The material presented in this program is based on unclassified technology and unclassified technology application areas.

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#### FEE:

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UAS-C	Complimentary	Complimentary	\$1290	\$495	\$995

*SOCO Advisory 11-02: Accordingly, the reasonable per day attendance fee for purposes of JER 3-211.a(7) is now \$675.* 

Special Exhibitor and Sponsorships at Tiered Pricing (includes General Session), Contact Macy Walp at Mwalp@ttcus.com (310) 320-8110.

**SPECIAL HARDSHIP SCHOLARSHIP PROGRAM:** A number of seats have been set aside for every seminar and symposium for any motivated attendee who is unable to attend due to severe financial limitations of his/her company or if they are under very tight military limitations. Students will be eligible for a very substantial discount.

**PAYMENT POLICY:** Payments, both domestic and international, must be received on or before the first day of the symposium. **No attendee will be admitted into the symposium without payment** by either check, credit card (VISA, Mastercard, AMEX, Discover and Diners Club accepted) **or U.S. Government purchase order**.

**CANCELLATIONS:** Substitutions may be made at any time. A cancellation service charge of \$150 will be rendered for all cancellations received fifteen days or more prior to the start of the symposium date. Registrants whose cancellation requests are not received fifteen days prior to the individual symposium, as well as no shows, are liable for the entire registration fee. You must obtain a cancellation number from our registrar.

## Tuition, symposium documentation, and refreshments, are included in the fee.

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