



**EBC Innovative Technology Program  
Drones - Unmanned Aircraft Use in the Environmental and Energy Industry**

Thursday, February 16, 2017

Tighe & Bond  
53 Southampton Road  
Westfield, Massachusetts

**AGENDA**

- 8:05 a.m.      **Welcome: Fran Hoey, Vice Chair of Membership, EBC Board of Directors**  
Senior Vice President, Tighe & Bond
- 8:10 a.m.      **Introduction and Overview**
- Jon Budreski, Program Chair and Moderator; Co-Founder, AirShark
- 8:20 a.m.      **UAS in the New England Energy Market Today**
- Jon Budreski, Program Chair and Moderator; Co-Founder, AirShark
- 8:40 a.m.      **Application Case Study: Survey Benefits**
- Anthony Darlington, Drone Operator / Technology Specialist, VHB, Inc.
- 9:00 a.m.      **Airspace Safety and Regulatory Update**
- Christopher Poreda, Poreda Law
- 9:20 a.m.      **Sub-contracting UAS Services or DIY**
- Chris Dunn, GIS Analyst, Ramboll
  - Shawn Shepard, Senior Development Engineer, Tighe & Bond
- 9:40 a.m.      **UAS as Tools for Stakeholder Engagement**
- Christopher Burke, Lead Producer, Media Wing
- 9:50 a.m.      **Networking Break and Drone Exhibit**

**10:30 a.m. Panel Discussion**

Panel Moderator: Jon Budreski, AirShark

Panel Members:

- Anthony Darlington, VHB, Inc.
- Christopher Burke, Media Wing
- Chris Dunn, Ramboll
- Christopher Poreda, Poreda Law
- Shawn Shepard, Tighe & Bond

**11:30 a.m. Adjourn**

**PROGRAM CHAIR**

**Jon Budreski**, Co-Founder

AirShark

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As a Co-Founder of AirShark, Jon leads business development efforts. An FAA licensed pilot, Jon has been part of the success of two solar startups during the last decade. Before that, Jon was entrenched in both water quality technical instrumentation sales and water research with the federal government. A graduate of Colorado State University and Enterprise Airline Academy, Jon's technical sales skills, aviation background and energy experience have come full circle in helping AirShark become a reality.

**SPEAKERS**

**Christopher Burke**, Lead Producer

Media Wing

20 Ladd St, Suite 202, Portsmouth, NH 03801

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Christopher Burke is a Producer/Director and Emmy nominated Cinematographer. Born and raised in New Hampshire he graduated from Ithaca College with a BFA in Film, Photography and the Visual Arts. He then spent the next 12 years shooting commercials, features, TV shows and documentaries. During that time he traveled to over two dozen countries, filled up 6 passports and visited all 50 states. His work has been showed all over the world on all the major networks and cable channels. He has worked with countless A list celebrities including Halle Berry, Will Smith and Cindy Crawford, and was even invited to photograph George W. Bush at the White House.

**Anthony Darlington**, Drone Operator / Technology Specialist

VHB, Inc.

14 Industrial Park Place, Middletown, Connecticut 06457

(617) 607-1835 | adarlington@vhb.com

Anthony is a former drone operator for the US Army and now works as a UAS / Drone operator at VHB supporting their survey and engineering teams on the East Coast.

**Chris Dunn**, GIS Analyst

Ramboll

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Chris has been a GIS analyst at Ramboll for 7 years. Chris provides data analysis and cartography support for human health and ecological risk assessments, natural resource damage assessments, sediment remediation, due diligence, and site solutions projects. After completing his master's degree in GIS from Penn State's World Campus online program Chris turned his focus to emerging trends in the industry. He recognized the potential UAVs have for revolutionizing data collection and advanced analysis at his client's work sites and has been working to integrate their use into engineering solutions workflows at Ramboll, both as an internal service and via subcontracting. He is currently studying to take his sUAS pilot license exam and intends to be ready to fly by the springtime.

**Christopher Poreda**, Poreda Law

Former Regional Council, FAA New England Region

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Chris has recently retired from his position as Regional Counsel for the FAA's New England Region, a position he has held since August of 2002. Prior to assuming that managerial role he served as a senior staff attorney in that office and principal legal advisor to the FAA's Engine & Propeller Directorate, an engineering office responsible for regulatory oversight of engine and propeller designs installed on aircraft world-wide. Mr. Poreda graduated from Northeastern University School of Law and was admitted to the Bar in the Commonwealth of Massachusetts in 1985. Following law school he clerked for the Massachusetts Appeals Court and then worked at the Boston office of Bingham, Dana & Gould, before joining the FAA. Before attending law school he served in the U.S. Air Force as a pilot in F-4 Phantom II fighter aircraft and as a primary flight instructor in the Air Force pilot training program. As Regional Counsel, Mr. Poreda manages the FAA's field legal office in New England and oversees legal issues from regulatory enforcement to rulemaking to airport sponsor obligations under the FAA's Airport Improvement Program. Mr. Poreda is also a regular speaker and commentator at aviation law conferences and pilot safety seminars.

**Shawn Shepard**, Senior Development Engineer

Tighe & Bond

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Shawn is a Senior Development Engineer at Tighe & Bond with over 24 years of experience in civil engineering, Geographic Information Systems and software application development. For over 17 years Shawn has worked at Tighe & Bond with much of his time spent working with developing technologies. Shawn holds an FAA Remote Pilot Certificate with a Small UAS rating and is an avid RC hobbyist and race pilot.

Environmental Business Council of New England, Inc.

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