Unmanned Aircraft: Current Strengths and Limitations for Aerial Mapping

Friday, December 14, 2018
Clark University MetroWest Campus
333 Turnpike Road (Route 9), Southborough, MA (off I-495, Exit 23A)
8:00 - 8:30 AM Registration; 8:30 AM - 4:30 PM Seminar

In the two-years since the Federal Aviation Administration introduced regulatory framework for the regular use small Unmanned Aircraft Systems, or “Drones,” in commercial capacities within the United States, over 100,000 individuals have obtained the necessary FAA certifications required to operate them. Many “early adopters” have been utilizing sUAS or small Unmanned Aircraft Systems, for photogrammetric mapping and modeling applications and it is expected that this number will continue to rise rapidly over the coming years.

Join us for an educational seminar to review various case studies illustrating how multiple industries have been utilizing sUAS for aerial mapping and modeling and gain new insight into how tightly the future of both land survey and unmanned aircraft are intertwined from the nation’s leading sUAS training and consultation organization, DARTdrones Inc.!

In addition to the case study briefing, a review of the current usefulness of sUAS from both an operational effectiveness and regulatory view point will also be discussed. This event will also include a live demonstration of an autonomous sUAS flight to capture aerial imaging for photogrammetric processing.

Speaker

Colin Romberger, Chief Pilot, sUAS Operations Consultant, DARTdrones

As Chief Pilot and lead sUAS Operations Consultant for DARTdrones Colin Romberger is responsible for the coordination of sUAS Operations Consultation Services tailored to the specific use cases and operating environments of our corporate clients. Colin has consulted and trained numerous Fortune 500 and government clients on the use of small Unmanned Aircraft Systems (sUAS) for various applications within the Construction, Energy, Insurance, Engineering, Broadcasting, and Public Works sectors. As an operator of commercial unmanned aircraft systems since 2014, Colin was one of the first individuals to secure a Section 333 Exemption from the FAA for unmanned aircraft operations in southcentral Pennsylvania and continues to operate an sUAS services company focused on aerial mapping and inspection applications. A lifelong enthusiast of all things that fly, Colin has accumulated a wealth of experience in variety of aviation industry sectors over the past 30 years.

In 2016, Colin received his MS in Unmanned Systems from Embry Riddle Aeronautical University, where his studies focused on both commercial sUAS operations, as well as High Altitude Long Endurance (HALE) systems. In addition to his work with unmanned systems, Colin is also a licensed skydiver and former instructor with over 1,500 recorded jumps, and he holds multiple FAA Airman Certificates for manned aircraft operations. An avid aerobatic pilot and father of five, Colin loves flying with his wife and kids whenever he can!

Registration Information

Registration fees are $200/person for MALSCE members and $250/person for non-members. See form for details. Registration fee includes a continental breakfast, two snack breaks, lunch and all seminar handouts. Registration is processed on a first-come, first-served basis.

Registration deadline: Friday, December 7, 2018. No refunds will be given after this date. No-shows will be billed. Seminar registrations will be accepted via fax, mail or online. Fax your registration to 617/227-6783. Mail your registration form and check (payable to "MALSCE") to: MALSCE, The Engineering Center, One Walnut Street, Boston, MA 02108-3616. Use Visa, MasterCard or American Express to register online at http://bit.ly/MALSCEsUAS. To register online for this seminar at the MALSCE member rate, login using your MALSCE assigned username and password. If you do not know your member login information or if you need help registering call 617/227-5551.

Continuing Education

This seminar is worth 6.5 professional development hours (subject to state-specific exclusions; seek clarification from appropriate state authorities). All seminar participants will receive a certificate documenting attendance at the end of the seminar. Please complete the registration form with your legal name, address, and other contact information so that you will be properly identified on the certificate.

Tax Information

Expenses incurred for education undertaken to maintain and improve professional skills (including travel, meals and lodging) may be tax-deductible.

Location

Clark University MetroWest Campus, 333 Turnpike Road (Route 9), Southborough, MA (off I-495, Exit 23A)

Registration Form

Unmanned Aircraft: Current Strengths and Limitations for Aerial Mapping

Friday, December 14, 2018, Clark University MetroWest Campus

Registrant Information

Name: _____

Company (if applicable): _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone _____ Fax: _____ Email: _____

Dietary Restrictions: _____

Registration Fees

☐ $200 MALSCE Member*

* Members of, CALS, MSLS, NHLSA, NYSAPLS, RISPLS and VSLS can attend for the member rate. Please check the appropriate box below:

☐ CALS ☐ MSLS ☐ NHLSA ☐ NYSAPLS ☐ RIPLS ☐ VSLS

☐ $250 Non MALSCE Member

Total Amount Enclosed _____

Make checks payable to "MALSCE" and mail with completed form to: MALSCE, The Engineering Center, One Walnut Street, Boston, MA 02108-3616

Or Pay with (Check one): ☐ Visa ☐ Master Card ☐ American Express

Card Name: _____

Card Number: _____ Expiration Date: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

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- This program is worth 6.5 professional development contact hours (subject to state approval, New York excluded).
- Questions? Call 617/227-5551

Supported by the staff of The Engineering Center Education Trust