TEXTRON SYSTEMS SUAS TRAINING PROGRAM

Textron Systems offers students a comprehensive curriculum in unmanned aircraft systems (UAS) operations. Students learn how to safely and effectively operate a wide variety of UAS platforms manufactured by Textron Systems or other industry leaders. Students have the opportunity to choose from a wide range of courses - focusing on both small (quadcopter) and large (Shadow® Tactical UAS) platforms. Courses are structured with university semester timelines in consideration and are offered on an easy-to-use Learning Management System (LMS) to accommodate busy class schedules. Additionally, students can receive additional hands-on flight and/or maintenance training on the Aerosonde® Small UAS and Shadow systems at Textron Systems Unmanned Systems Service & Support Center in Blackstone, Va. Students who successfully complete the course receive a full manufacture certification for a Group II UAS platform, giving students an extra edge as they pursue careers in the UAS industry.

TextronSystems.com

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TEXTRON Systems

▸ **PUSHING PAST POSSIBLE**

THE CURRICULUM

>> Courses are administered by highly trained and certified UAS instructors with thousands of hours of real-world military and commercial aviation operational experience

>> Dedicated instructor time and office hours to support student success during coursework and hands-on training

THE INSTRUCTORS

>> Highly skilled, highly trained UAS instructors with backgrounds in military as well as commercial aviation operations, combining thousands of flight hours of experience

>> Instructors carry more than 1,000 hours of system operations in high-risk environments and flight training.

THE SYSTEMS

>> The Shadow system is the U.S. Army's first tactical UAS program of record

>> The Aerosonde small UAS has amassed more than 250,000 operational hours in both land and sea operations

>> Training for small UAS under the FAA Part 107

THE FACILITY

>> A premier UAS facility offering complete small UAS service, support and flight training

>> State-of-the-art facility with in-house classrooms, training simulators and flight instructors

These courses are offered to U.S. citizens only.

AEROSONDE FAMILIARIZATION COURSE

This course provides students with a one-week introduction to UAS operations and Textron Systems' products and services. Each student will complete a site tour, observe flight operations, receive detailed classroom lectures, work with training simulators and conduct approximately 1.5 hours of flight time (launch/recovery, basic payload operations).

AEROSONDE CREWMEMBER QUALIFICATION

This course offers an accelerated three-week intensive hands-on ground school or 16-week semester option. It is designed to certify students to safely operate the Aerosonde SUAS as an Aircraft Operator (AO), Payload Operator (PO), and Crew Chief (CC). Learning categories include ground support equipment, enroute flight navigation, dealing with complex emergencies, payload operations, minor air vehicle maintenance, and crew chief launch/recovery procedures. The students will be enrolled in online ground school and distance based simulator training with the option to complete the full Manufacturer Certification capstone consisting of four-additional weeks of flight training in Virginia. Upon successful completion of the course, the student will receive a full Manufacturer Certification as an operator.

AEROSONDE MAINTENANCE CERTIFICATION COURSE

This course offers an accelerated three-week intensive hands-on ground school or 16-week semester option. It is designed to certify students to safely maintain the Aerosonde SUAS as an Aircraft Maintenance Technician (AMT). The students will be enrolled in online ground school learning about all components of the aircraft system, proper techniques for launch and recovery, and all the components of the launch and recovery trailer. In addition, a capstone exercise consisting of four-weeks of hands-on training in Virginia is available resulting in full Manufacturer Certification as a maintainer