

PROFESSIONAL AVIATION TRAINING

Battery Basics for UAS Operations – eLearning

Course Information

Providing power to your small UAS, batteries are important components of your unmanned aerial system. This course helps you build a strong understanding of the many implications of using batteries to power your drone to improve efficiency and performance.

By the end of the course, you will be able to:

- Describe the different types of batteries and how they impact sUAS operations
- Describe how to properly inspect batteries and describe best maintenance practices
- Explain proper battery handling procedures and safety measures

After successfully completing the course and passing the examination, you are issued a Certificate of Completion.

To enroll in this course, please contact eLearning Operations at 877-606-3334 or 416-373-5771.

For more information please visit <https://elearning.flightsafety.com/ust-battery-basics.html>

Course Curriculum	Minimum Duration: 1.5 Hours
This self-paced course covers the following topics:	
<ul style="list-style-type: none">• Introduction to sUAS Basic Batteries• Types of Batteries for sUAS• Temperature Impacts on Capacity / Charge Delivery• Safe Charging / Discharging• Life Limitations / Logbooks• Proper Storage	<ul style="list-style-type: none">• Transportation• Preflight Inspection• Proper Operating Techniques• Battery Emergencies• Proper Disposal• Human Factors/CRM elements as required• Examination

To learn about additional Unmanned System Training courses, please contact our UST team at 800.769.0008 or email at UST@flightsafety.com.

System Requirements

PC or Apple Mac minimum requirements: Operating System: Windows 7 or newer (PC), OS X 10.7 (Lion) or newer (Mac), Browser: Google Chrome (recommended), Apple Safari, Mozilla Firefox or Internet Explorer 9+, Adobe Flash 9.0+, Speakers or Headset/Headphones, Stable High-Speed internet connection

Apple iPad minimum requirements: Operating System: iOS6 or newer, Browser: Apple Safari, Google Chrome, Stable High-Speed internet connection

Training Locations & Contact Information

eLearning Operations • 877-606-3334 • 416-373-5771 • elearning@flightsafety.com