

LESSON PLAN

Lesson 5.3: Emergency Procedures

DESCRIPTION: In this lesson students will be able to become knowledgeable in radio communication procedures.

See Remote Pilot Standard for Regulations:
Remote Pilot – Small Unmanned Aircraft Systems Airman Certification Standards

Knowledge: Students demonstrate an understanding of the following:

UA.V. C.K1	Emergency planning and communication.
UA.V.C.K2	Characteristics and potential hazards of lithium batteries
UA.V.C.K2a	a. Safe transportation such as proper inspection and handling
UA.V.C.K2b	b. Safe charging
UA.V.C.K2c	c. Safe usage
UA.V.C.K2d	d. Risks of fires involving lithium batteries
UA.V.C.K3	Loss of aircraft control link and fly-aways.
UA.V.C.K4	Loss of Global Positioning System (GPS) signal during flight and potential consequences.
UA.V.C.K5	Frequency spectrums and associated limitations.
UA.V.C.K6	Procedures for operations over people.
UA.V.C.K7	Procedures for operations at night.

Whole Class Discussion:

Use Guided Notes Handout to allow students to decipher information.

Suggested Lesson Activities:

Suggested Formative Assessments:
CFU
Quizzes

Suggested Summative Assessments:

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Suggested Extended Learning Activities:

Review Regulations Video

Kahoot, Quizizz Activities

Journal Reflections

Quick-Write

Internet Connections

Provide students with a UAV Knowledge checklist to ensure they are grasping the content.

Other Resources/Handouts:

References: