

LESSON PLAN

Lesson 5.2: Airport Operations

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.A.K1	Airport operations with and without an operating control tower.
UA.V.A.K2	The description and use of a Common Traffic Advisory Frequency (CTAF) to monitor manned aircraft communication.
UA.V.A.K3	Recommended traffic advisory procedures used by manned aircraft pilots such as self-announcing or position and intentions.
UA.V.A.K4	Aeronautical advisory communication station (UNICOM) and associated communication procedures used by manned aircraft pilots.
UA.V.A.K5	Automated Terminal Information Service (ATIS).
UA.V.A.K6	Aircraft call signs and registration numbers.
UA.V.A.K7	The phonetic alphabet.
UA.V.A.K8	Phraseology: altitudes, directions, speed, and time.

Whole Class Discussion:

Use Guided Notes Handout to allow students to decipher information.

Suggested Lesson Activities:

Suggested Formative Assessments:
 CFU
 Quiz

Suggested Summative Assessments:
 Airport Operations Chapter Test

Suggested Extended Learning Activities:

Kahoot, Quizizz Activities

LESSON PLAN

Journal Reflections
Quick-Write
Internet Connections
Provide students with a UAV Knowledge checklist to ensure they are grasping the content.

Other Resources/Handouts:

References: