

LESSON PLAN

Lesson 2: Operating Rules

LESSON OBJECTIVE: To determine that the applicant is knowledgeable of the operating rules of 14 CFR parts 47 and 48, and other associated operating requirements.

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

Knowledge: The applicant demonstrates understanding of:

UA.I.B.K1	Registration requirement for sUAS.
UA.I.B.K2	Requirement for the sUAS to be in condition for safe operation.
UA.I.B.K3	Medical condition(s) that would interfere with safe operations of an sUAS.
UA.I.B.K4	Responsibility and authority of the remote PIC
UA.I.B.K4a	a. Allowing a person other than the remote PIC to manipulate the flight controls
UA.I.B.K3b	Hazardous operations. b. Dropping and object
UA.I.B.K7	Operating from a moving aircraft or moving land-or-water-borne vehicle.
UA.I.B.K8	Alcohol or drugs and the provisions on prohibition of use.
UA.I.B.K9	Daylight operations
UA.I.B.K10	Visual line of sight (VLOS) aircraft operations.
UA.I.B.K11	Requirements when a visual observer is used.
UA.I.B.K12	Prohibition of operating multiple sUAS.
UA.I.B.K14	Staying safely away from other aircraft and right-of-way rules.
UA.I.B.K20	Preflight familiarization, inspection, and actions for aircraft operations.
UA.I.B.K21a	Operating limitations for sUAS: a. Maximum groundspeed
UA.I.B.K21b	Operating limitations for sUAS: b. Altitude limitations
UA.I.B.K21d	Operating limitations for sUAS: a. Cloud clearance requirements
UA.I.B.K22	Requirements for a Remote Pilot Certificate with an sUAS rating.
UA.I.B.K22	Night operations

Lesson Pre-Activities:

1. Review previous lesson.
2. Continue to watch AINautics Regulations video.

Whole Class Discussion:

Introduce new concepts
Explore Remote Pilot 2022 Test Prep Booklet, pg.(s). 1-4, 1-9 thru 1-11, 1-15, 1-18 thru 1-23, 1-26 thru 1-30

LESSON PLAN

Present lesson via Google Slides or PowerPoint
Use Guided Notes strategy

Suggested Lesson Activities:

Suggested Formative Assessments:
CFU
Quizzes

Suggested Summative Assessments:
Operating Rules Test

Suggested Extended Learning Activities:

Review Regulations Video
Kahoot, Quizizz Activities
Journal Reflections
Quick-Write
Internet Connections

Other Resources/Handouts:

References: