



U.S. Department
of Transportation

Federal Aviation
Administration

FAA-S-ACS-10B

Remote Pilot

Small Unmanned Aircraft Systems

(Certification and Recurrent Knowledge Testing)

AIRMAN CERTIFICATION STANDARDS

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I. Regulations

Task B. Operating Rules

References	14 CFR parts 47, 48, 89, and 107, subpart B; AC 107-2; FAA-H-8083-25; FAA-G-8082-22
Objective	To determine that the applicant is knowledgeable of the operating rules of 14 CFR parts 89 and 107, the registration rules of 14 CFR parts 47 and 48, and other associated operating requirements.
Knowledge	The applicant demonstrates understanding of:
UA.I.B.K1	Registration requirements for sUAS.
UA.I.B.K2	Requirement for the sUAS to be in a condition for safe operation.
UA.I.B.K3	Medical condition(s) that would interfere with safe operation 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.K5	Regulatory deviation and reporting requirements for in-flight emergencies.
UA.I.B.K6	Hazardous operations.
UA.I.B.K6a	a. Careless or reckless
UA.I.B.K6b	b. Dropping an 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.K13	Prohibition of carrying hazardous material.
UA.I.B.K14	Staying safely away from other aircraft and right-of-way rules.
UA.I.B.K14a	a. See and avoid other aircraft and other potential hazard considerations of the remote PIC
UA.I.B.K15	Operations over human beings (Refer to Area of Operation I, Task E).
UA.I.B.K16	Prior authorization required for operation in certain airspace.
UA.I.B.K17	Operating in the vicinity of airports.
UA.I.B.K18	Operating in prohibited or restricted areas.
UA.I.B.K19	Flight restrictions in the proximity of certain areas designated by notice to airmen (NOTAM).
UA.I.B.K20	Preflight familiarization, inspection, and actions for aircraft operations.
UA.I.B.K21	Operating limitations for sUAS.
UA.I.B.K21a	a. Maximum groundspeed
UA.I.B.K21b	b. Altitude limitations
UA.I.B.K21c	c. Minimum visibility
UA.I.B.K21d	d. Cloud clearance requirements
UA.I.B.K22	Requirements for a Remote Pilot Certificate with an sUAS rating.
UA.I.B.K23	Automated operations.

II. Airspace Classification and Operating Requirements

Task A. Airspace Classification

References 14 CFR part 71; AC 107-2; AIM; FAA-H-8083-25; FAA-G-8082-22

Objective To determine that the applicant is knowledgeable in airspace classification.

Knowledge The applicant demonstrates understanding of:

UA.II.A.K1 General airspace:

UA.II.A.K1a a. Class B controlled airspace

UA.II.A.K1b b. Class C controlled airspace

UA.II.A.K1c c. Class D controlled airspace

UA.II.A.K1d d. Class E controlled airspace

UA.II.A.K1e e. Class G uncontrolled airspace

UA.II.A.K2 Special-use airspace, such as prohibited, restricted, warning areas, military operation areas, alert areas, and controlled firing areas.

UA.II.A.K3 Other airspace areas, such as Airport Advisory Services, Military Training Routes (MTRs), Temporary Flight Restrictions (TFRs), Parachute Jump Operations, Terminal Radar Service Areas (TRSAs), National Security Areas (NSA) and Visual Flight Rules (VFR) routes.

UA.II.A.K4 Air Traffic Control (ATC) and the NAS.

Risk Management [Reserved]

Skills [Not Applicable]

III. Weather

Task A. Sources of Weather

References AC 107-2; AIM; FAA-H-8083-25; FAA-G-8082-22

Objective To determine that the applicant is knowledgeable in sources of weather information.

Knowledge The applicant demonstrates understanding of:

UA.III.A.K1 Internet weather briefing and sources of weather available for flight planning purposes.

UA.III.A.K2 Aviation routine weather reports (METAR).

UA.III.A.K3 Terminal aerodrome forecasts (TAF).

UA.III.A.K4 Weather charts.

UA.III.A.K5 Automated surface observing systems (ASOS) and automated weather observing systems (AWOS).

Risk Management [Reserved]

Skills [Not Applicable]

V. Operations

Task D. Aeronautical Decision-Making

References AC 107-2; FAA-H-8083-2, FAA-H-8083-25; FAA-G-8082-22

Objective To determine that the applicant is knowledgeable in aeronautical decision-making.

Knowledge The applicant demonstrates understanding of:

UA.V.D.K1 Aeronautical decision-making (ADM).

UA.V.D.K1a a. Effective team communication

UA.V.D.K1b b. Task management

UA.V.D.K2 Crew Resource Management (CRM).

UA.V.D.K3 Situational awareness.

UA.V.D.K4 Hazardous attitudes.

UA.V.D.K5 Hazard identification and risk assessment.

Risk Management [Reserved]

Skills [Not Applicable]

V. Operations

Task F. Maintenance and Inspection Procedures

References AC 107-2; FAA-H-8083-25; FAA-G-8082-22

Objective To determine that the applicant is knowledgeable in sUAS maintenance and inspection procedures.

Knowledge The applicant demonstrates understanding of:

UA.V.F.K1 Basic maintenance.

UA.V.F.K2 Preflight inspection.

UA.V.F.K3 Techniques to mitigate mechanical failures of all elements used in sUAS operations such as the battery and any device(s) used to operate the sUAS.

UA.V.F.K4 Appropriate record keeping.

UA.V.F.K5 Persons that may perform maintenance on an sUAS.

UA.V.F.K6 Preflight inspection for night operations.

UA.V.F.K7 Manufacturer's Declaration of Compliance for Category 2 and 3 operations.

Risk Management [Reserved]

Skills [Not Applicable]