

1. Regulations

1.3 - Remote Pilot Certification with an sUAS Rating



Structure & Formatting Reminder

This presentation is provided as a reference to help you prepare for the your exam. It seeks to go beyond memorization and provide explanation and rationale.

While this reference considers many of the points covered in the exam, given the breadth it is in no way exhaustive. It is suggested to consult a variety of resources when preparing for the exam.

Text that is marked in **YELLOW** has a high probability of being referenced directly in one of the exam's nearly 400 possible questions.

Take the quiz at the end to gauge your understanding.



1.3a - Alcohol & Drug Offences

- The FAA requires that **drug and alcohol-related motor vehicle offences be reported** to the Security and Hazardous Materials Safety Office Regulatory Investigations Division.
- Offences need to be **reported within 60 calendar days**.



MaxLab



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1.3a - Alcohol & Drug Offences

A conviction related to growing, processing, manufacture, sale, possession, transportation, or importation of narcotics, marijuana, depressants, or stimulants will result in.

- **Suspension or revocation** of a remote pilot certificate with a small UAS rating.
- **Denial of an application for 1 year** after the date of conviction.



AOPA



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1.3a - Alcohol & Drug Offences

Examples of Reportable Convictions

- Driving Under the Influence (DUI)
- Driving While Impaired (DWI)
- Driving with an Unlawful Blood Alcohol Level
- Operating While Under the Influence (OWUI)
- Refusal to submit to a test or furnish results
- Revocation, suspension, or cancellation of a driver license for
 - Chemical test failure
 - Chemical test refusal



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Why is it only alcohol and drug offences that the FAA is worried about?



Why is it only alcohol and drug offences that the FAA is worried about?

Because alcohol and drug offenses directly impair a pilot's ability to operate safely and pose a serious risk to aviation safety.



1.3b - Eligibility Requirements

In order to be **eligible** for Remote Pilot Certificate, you must be:

- At least **16 years old**
- Able to **read, write, speak and understand English**
- Be in **physical condition** to safely fly a UAS
- Be in **mental condition** to safely fly a UAS



FAA



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1.3c - Certification Procedure

STEP 1: Study for the knowledge test.

STEP 2: Create a Integrated Airman Certification and Rating Application (IACRA)

STEP 3: Obtain a FAA Tracking Number (FTN)

STEP 4: Schedule an Appointment at an FAA-Approved Knowledge Testing Center

STEP 5: Take (and pass) the Knowledge Test

STEP 6: Complete Form 8710-13 through the IACRA system

*more on this in the final section.



1.3c - Certification Procedure

Temporary Certificate

After completing the certification requirement procedure you will receive a **temporary license**.

I. UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION						iii. CERTIFICATE NO.	
ii. TEMPORARY AIRMAN CERTIFICATE							
THIS CERTIFIES THAT				iv. [REDACTED] v. [REDACTED]			
DATE OF BIRTH	HEIGHT	WEIGHT	HAIR	EYES	SEX	NATIONALITY	
[REDACTED]	[REDACTED] IN.	[REDACTED]	BROWN	BROWN	M	USA	
ix. [REDACTED] has been found to be properly qualified and is hereby authorized in accordance with the conditions of issuance on the reverse of this certificate to exercise the privileges of STUDENT PILOT							
RATINGS AND LIMITATIONS xii. ; [LIMITATIONS]: CARRYING PASSENGERS IS PROHIBITED							
xiii. THIS IS <input checked="" type="checkbox"/> AN ORIGINAL ISSUANCE <input type="checkbox"/> A REISSUANCE OF THIS GRADE OF CERTIFICATE							
DATE OF SUPERSEDED AIRMAN CERTIFICATE							
BY DIRECTION OF THE ADMINISTRATOR						EXAMINER'S DESIGNATION NO. OR INSPECTOR'S REG. NO.	
x. DATE OF ISSUANCE 05/11/2018 10:17:31 AM						DATE DESIGNATION EXPIRES	
FAA Form 8060-4 (8-79) USE PREVIOUS EDITION						Application Number: [REDACTED] IACRA Equivalent	

XIV. CONDITIONS OF ISSUANCE

This is an interim certificate issued subject to the approval of the Federal Aviation Administration pending the issuance of a certificate of greater duration. It becomes void –

1. Upon the receipt of a certificate of greater duration to replace it;
2. Upon a finding by the FAA that an error has been made in its issuance;
3. Upon a finding by the FAA that it was issued illegally or as the result of fraud or mis-representation;
4. Upon the refusal or failure by the holder to accomplish a flight check by a Flight Standards Inspector if so requested; and
5. In any case, at the expiration of 120 days from date of issuance.



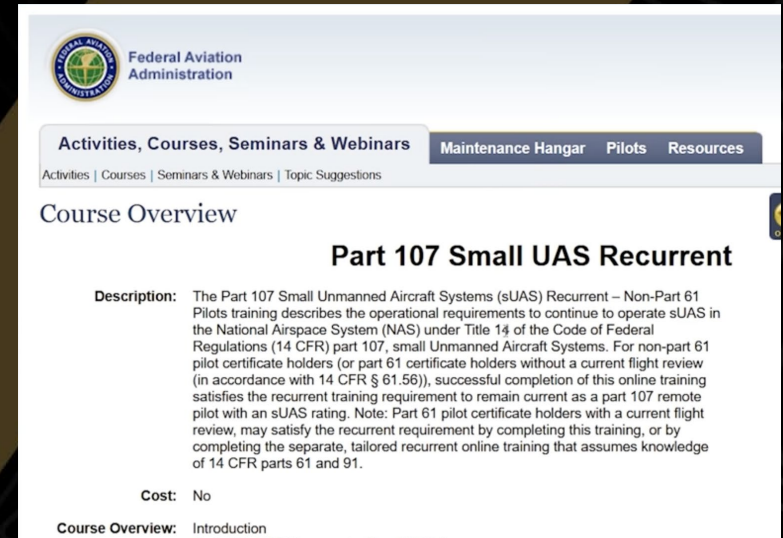
1.3c - Certification Procedure

Aeronautical Knowledge Recency

Keeping knowledge current is a requirement. Within **24 months (2 years)** of passing your initial knowledge test you must complete a **recurrent training course**.

The training is **free** and is available on the FAA Safety Team (FAASTeam) website.

2 Years



The screenshot displays the FAA's official website for recurrent training. At the top, the Federal Aviation Administration logo is visible. Below it, a navigation bar includes links for 'Activities, Courses, Seminars & Webinars', 'Maintenance Hangar', 'Pilots', and 'Resources'. The 'Activities, Courses, Seminars & Webinars' link is selected. Underneath, a sub-navigation bar shows 'Activities', 'Courses', 'Seminars & Webinars', and 'Topic Suggestions'. The main content area is titled 'Course Overview' and features the heading 'Part 107 Small UAS Recurrent'. The 'Description' section explains that this training is for non-part 61 pilots to maintain their Part 107 remote pilot status. It states that successful completion of this online training satisfies the recurrent training requirement. A 'Cost' section indicates the training is 'No' cost. A 'Course Overview' section lists 'Introduction' as the first topic.

Federal Aviation Administration

Activities, Courses, Seminars & Webinars Maintenance Hangar Pilots Resources

Activities | Courses | Seminars & Webinars | Topic Suggestions

Course Overview

Part 107 Small UAS Recurrent

Description: The Part 107 Small Unmanned Aircraft Systems (sUAS) Recurrent – Non-Part 61 Pilots training describes the operational requirements to continue to operate sUAS in the National Airspace System (NAS) under Title 14 of the Code of Federal Regulations (14 CFR) part 107, small Unmanned Aircraft Systems. For non-part 61 pilot certificate holders (or part 61 certificate holders without a current flight review (in accordance with 14 CFR § 61.56)), successful completion of this online training satisfies the recurrent training requirement to remain current as a part 107 remote pilot with an sUAS rating. Note: Part 61 pilot certificate holders with a current flight review, may satisfy the recurrent requirement by completing this training, or by completing the separate, tailored recurrent online training that assumes knowledge of 14 CFR parts 61 and 91.

Cost: No

Course Overview: Introduction

FAA



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Why do you think a recurrent knowledge test is required every two years?



Why do you think a recurrent knowledge test is required every two years?

Because it ensures remote pilots stay current on regulations, procedures, and safety practices as rules and technology evolve.



1.3d - sUAS Remote Pilot Knowledge Test Overview

60 Questions - Three-Option Multiple Choice

70% Passing Score - (42/60 questions correct)

2 Hours – Time limit to complete the test



1.3d - sUAS Remote Pilot Knowledge Test Overview

Unmanned Aircraft General Test

Year	Volume	Pass Rate	Average Score
2016	16,000	90%	81%
2017	41,000	93%	83%
2018	40,000	93%	83%
2019	46,000	92%	83%
2020	40,000	93%	84%
2021	54,000	88%	81%
2022	57,000	86%	80%
2023	64,000	87%	81%
Avg.	44,750	90%	82%
Total	358,000		



1.3d - sUAS Remote Pilot Knowledge Test Overview

If an applicant commits a **fraudulent act or cheats** on the test they are:

- **Prohibited from applying** for any certificate, rating, or authorization for **1 year**.
- Applying for and taking any test for one year.

Any certificate or rating held by an applicant may be **suspended or revoked**.



Wal Street Journal



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1.3d - sUAS Remote Pilot Knowledge Test Overview

Areas of the knowledge test are:

1. Airspace classification, operating requirements, and flight restrictions affecting small unmanned aircraft operation
2. Aviation weather sources and effects of weather on small unmanned aircraft performance
3. Small unmanned aircraft loading
4. Emergency procedures
5. Crew resource management



1.3d - sUAS Remote Pilot Knowledge Test Overview

Areas of the knowledge test are:

6. Radio communication procedures
7. Determining the performance of small unmanned aircraft
8. Physiological effects of drugs and alcohol
9. Aeronautical decision-making and judgment
10. Airport operations
11. Maintenance and preflight inspection procedures



1.3d - sUAS Remote Pilot Knowledge Test Overview

If you **fail** the exam you can **retake** after 14 days.



Psychology Today



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1.3d - sUAS Remote Pilot Knowledge Test Overview

UAS Topics	Percentage of Items on Test
I. Regulations	15 – 25%
II. Airspace & Requirements	8 – 15%
III. Weather	11 – 16%
IV. Loading and Performance	7 – 11%
V. Operations	13 – 18%
Total Number of Questions	60



1.3e - Change of Name or Address

If you **change your permanent mailing address** you must **notify the FAA Airman's Certification Branch within 30 days**. Failure to do so will result in an ineligible certificate.



1.3f - Voluntary Surrender of Certificate

If you no longer wish maintain an sUAS certificate you can voluntary surrender it for cancellation.

A request must be submitted in writing.



Why might you want to surrender your certificate?



Why might you want to surrender your certificate?

If you no longer plan to operate drones commercially or want to avoid FAA enforcement after a violation.



Unit 1 Regulations – 1.3 Review Quiz

- [1.3 - Remote Pilot Certificate with an sUAS Rating – QUIZ](#)
- This quiz contains 19 questions.
 - You may take it as many times as you like.
 - The order of questions are randomized each time.
 - The large majority of the questions are worded exactly as they appear on the exam

