



Regulations Applicable to Small UAS

- Definitions in Part 107
- Aircraft Inspection Requirements
- Registration Requirements
- Conditions for Safe Operations
- Considerations for Medical Conditions
- PIC Responsibilities
- Hazardous Operations
- Operations for Moving Vehicle, Daylight, Visual Observers, and Hazardous Materials
- See and Avoid of Other Aircraft
- Eligibility Requirements
- Wavier Policy

Airspace Classifications

- National Airspace System
- Air Traffic Control - Clearances and Permissions
- Class B - G Airspace
- Weather Minimums per Airspace
- Sectional Chart Study

Aviation Weather

- Internet Weather Briefings
- Flight Planning with Weather
- Aviation Routing Weather Reports
- Terminal Aerodrome Forecasts
- Aviation Weather Charts
- ASOS and AWOS
- Weather Factors and Their Effect on sUAS

Flight Restrictions

- Restricted Areas
- NOTAMS
- Special Use Airspace
- Military Training Routes
- TFR Airspace
- Visual Flight Rules

Airport Operations

- Operating Near An Airport
- Airspace Requirements
- Towered Airport
- Heliport
- Seaplane Bases
- Runway Markings and Signage
- Traffic Patterns
- Security Identification Display Areas
- Aeronautical Charts and Supplements

Radio Communications

- Controlled Tower Communication Procedures
- Common Traffic Advisory Frequency
- Self-Announcing Procedures
- UNICOM
- Automatic Terminal Information Service
- Registration Numbers
- Phonetic Alphabet
- Figures, Altitudes, Directions, Speed, and Time

sUAS Loading and Performance

- Aircraft Loading
- Effect of Loading Changes on sUAS
- Balance
- Stability
- Center of Gravity
- Performance Data Predictions

Maintenance and Preflight Procedures

- Preflight Inspection
- Preflight Regulations
- Aircraft Maintenance
- Mitigate Mechanical Failures
- Record Keeping

Crew Resource Management and Aeronautical Decision Making

- Effect Team Communication
- Task Management
- Crew Resource Management
- Situational Awareness
- Hazardous Attitudes

Hazards to Flight and Emergency Procedures

- Reporting In-Flight Emergencies
- Airborne Inspections
- Laser Operations
- Wildlife Hazards
- Emergency Communications
- Lithium Batteries
- Loss of GPS Signal

Aviation Physiology

- Impacts of Drugs and Alcohol
- Physiological Considerations
- Vision Impairment
- Determining Fitness for Flight

Taking The Exam

- Registering
- Best Practices
- Logistics
- Expert Tips
- Applying for Remote Pilot Certificate with sUAS Rating