



PART 107 DRONE PILOT TEST PREP

REGULATIONS

- Part 107 Definitions
- Registration Requirements
- Conditions for Safe Operations
- PIC Responsibilities
- Visual Observers
- Visual Line of Sight
- Hazardous Operations
- Daylight Operations
- See and Avoid of Other Aircraft
- Operating Restrictions
- Eligibility Requirements
- Waiver Policy

AIRSPACE

- National Airspace System
- Operations in Controlled Airspace
- Operations in Uncontrolled Airspace

FLIGHT RESTRICTIONS

- Prohibited & Restricted Areas
- TFRs
- Special Use Airspace
- Other Airspace

CHART STUDY

- Navigation Basics
- Chart Interpretation

AIRPORT OPERATIONS

- Operations near Towered & Non-Towered Airports
- Runway Markings and Signage
- Traffic Patterns

RADIO COMMUNICATIONS

- Communications Around Airports
- ATIS
- Standard Communications
- Self-Announce Procedures
- Common Traffic Advisory Frequency
- UNICOM / MULTICOM
- Traffic Pattern Communications

AVIATION WEATHER

- Atmospheric Basics
- Types of Weather
- Micrometeorology
- Weather Planning
- Weather Briefings
- Current Conditions (METARs)
- Aviation Forecasts (TAFs)
- Weather Factors and Their Effect on sUAS

MAINTENANCE AND PREFLIGHT PROCEDURES

- Scheduled & Unscheduled Maintenance
- Preflight Inspection
- Record Keeping
- FAA Inspection & Testing

CREW RESOURCE MANAGEMENT AND AERONAUTICAL DECISION MAKING

- Hazards & Risks
- Decision Making
- Risk Management
- Crew Resource Management
- Crew Coordination
- Hazardous Attitudes

SUAS LOADING AND PERFORMANCE

- Basic Aerodynamics
- Aircraft Loading
- Weight & Balance
- Stability and Control
- Center of Gravity
- Longitudinal Stability
- Performance Data

HAZARDS TO FLIGHT AND EMERGENCY PROCEDURES

- Flight Hazards
- Accident Factors
- Reporting In-Flight Emergencies
- Emergency Communications
- Lost Link/Fly Away
- Battery Low/Battery Fire
- System Malfunction
- Loss of GPS Signal

AVIATION PHYSIOLOGY

- Stress
- Fatigue
- Dehydration
- Heat Stroke
- Hyperventilation
- Vision Impairment
- Impact of Drugs & Alcohol
- Determining Fitness for Flight

TAKING THE EXAM

- Registering
- Exam Logistics
- Applying for Remote Pilot Certificate with sUAS Rating
- Updating your Address