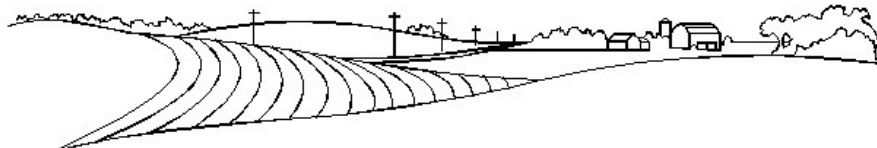
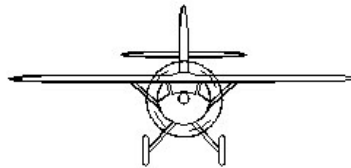


**RECREATIONAL PILOT  
AND  
PRIVATE PILOT  
KNOWLEDGE TEST GUIDE**



**August 2012**





## INTRODUCTION

FAA-G-8082-17G, Recreational and Private Pilot Knowledge Test Guide, provides information for preparing you to take one or all of the following airman knowledge tests. This document supersedes FAA-G-8082-17F, dated February 2012.

TEST NAME	TEST CODE
Recreational Pilot—Airplane	RPA
Recreational Pilot—Helicopter	RPH
Recreational Pilot—Gyroplane	RPG
Private Pilot—Airplane/Recreational Pilot—Transition	PAT
Private Pilot—Helicopter/Recreational Pilot—Transition	PHT
Private Pilot—Gyroplane/Recreational Pilot—Transition	PGT
Private Pilot—Airplane	PAR
Private Pilot—Helicopter	PRH
Private Pilot—Gyroplane	PRG
Private Pilot—Glider	PGL
Private Pilot—Balloon—Hot Air	PBH
Private Pilot—Balloon—Gas	PBG
Private Pilot—Airship	PLA
Private Pilot—Powered Parachute	PPP
Private Pilot—Weight-Shift Control	PWS

Federal Aviation Administration (FAA) airman knowledge tests are effective instruments for aviation safety and regulation compliance measurement. However, these tests can only sample the vast amount of knowledge every pilot needs to operate safely in the National Airspace System (NAS).

Comments may be e-mailed to [AFS630Comments@faa.gov](mailto:AFS630Comments@faa.gov).

### KNOWLEDGE TEST ELIGIBILITY REQUIREMENTS

If you are pursuing a Recreational Pilot or Private Pilot Certificate, you should review Title 14 of the Code of Federal Regulations (14 CFR) part 61, section 61.23, Medical Certificates: Requirement and Duration; 14 CFR part 61, section 61.35, Knowledge Test: Prerequisites and Passing Grades.

If you are pursuing a Student, Recreational, or Private Pilot Certificate, you should review 14 CFR part 61, section 61.83, 61.96, 61.103 respectively. Applicability and Eligibility Requirements: General, for additional detailed information pertaining to eligibility.

For a summary of knowledge test eligibility requirements for all certification areas listed above, refer to the FAA Airman Knowledge Testing Authorization Matrix located at:

[http://www.faa.gov/training\\_testing/testing/airmen/media/testing\\_matrix.pdf](http://www.faa.gov/training_testing/testing/airmen/media/testing_matrix.pdf)

## KNOWLEDGE AREAS ON THE TESTS

Recreational pilot and private pilot tests are designed to test your knowledge in many subject areas.

If you are pursuing a Recreational, Private Pilot Certificate or added rating, you should closely examine and understand 14 CFR part 61, section 61.97 or 61.105 respectively, Aeronautical Knowledge, for the applicable knowledge areas.

## DESCRIPTIONS OF THE TESTS

All test questions are the objective, multiple-choice type. Each question can be answered by the selection of a single response. Each test question is independent of other questions; therefore, a correct response to one does not depend upon, or influence, the correct response to another. **The minimum passing score is 70 percent.**

The following tests contain 50 questions each, and you are allowed 2 hours to complete each test.

- Recreational Pilot—Airplane
- Recreational Pilot—Helicopter
- Recreational Pilot—Gyroplane

The following tests contain 30 questions each, and you are allowed 1 hour and 30 minutes to complete each test.

- Private Pilot—Airplane/Recreational Pilot—Transition
- Private Pilot—Helicopter/Recreational Pilot—Transition
- Private Pilot—Gyroplane/Recreational Pilot—Transition

The following tests contain 60 questions each, and you are allowed 2 hours and 30 minutes to complete each test.

- Private Pilot—Airplane
- Private Pilot—Helicopter
- Private Pilot—Gyroplane
- Private Pilot—Glider
- Private Pilot—Balloon—Hot Air
- Private Pilot—Balloon—Gas
- Private Pilot—Airship
- Private Pilot—Powered Parachute
- Private Pilot—Weight-Shift Control

## TEST REGISTRATION

The FAA has designated two Airman Knowledge Testing (AKT) Organization Designation Authorization (ODA) Holders, which sponsor hundreds of knowledge testing center locations. These testing centers offer a full range of airman knowledge tests including: Aircraft Dispatcher, Airline Transport Pilot, Aviation Maintenance Technician, Commercial Pilot, Flight Engineer, Flight Instructor, Flight Navigator, Ground

Instructor, Inspection Authorization, Instrument Rating, Parachute Rigger, Private Pilot, Recreational Pilot, Sport Pilot and Military Competence. Contact information for the AKT ODA Holders is provided below under Knowledge Test Centers.

The first step in taking a knowledge test is the registration process. You may either call a central registration phone number or appear at a testing center on a walk-in basis. If you choose to use a central registration phone number to schedule your test, you will need to be prepared to select a test date, choose a testing center, and make financial arrangements for test payment. You may register for tests several weeks in advance, and you may cancel your appointment according to the AKT ODA Holder's cancellation policy. If you do not follow the AKT ODA Holder's cancellation policies, you could be subject to a cancellation fee.

## **APPLICANT IDENTIFICATION AND TEST AUTHORIZATION**

The next step in taking a knowledge test is providing proper identification. You should determine what knowledge test prerequisites are necessary before going to the computer-testing center. Your instructor or local FAA Flight Standards District Office (FSDO) may advise you regarding the documentation required to be presented at the testing facility. Testing center personnel will not begin the test until your identification and eligibility is verified.

Acceptable forms of authorization and retesting procedures are available in the latest version of the Applicant Identification, Information, Verification, & Authorization Requirements Matrix located at: [http://www.faa.gov/training\\_testing/testing/airmen/media/testing\\_matrix.pdf](http://www.faa.gov/training_testing/testing/airmen/media/testing_matrix.pdf)

## **TEST TAKING TIPS**

Prior to launching the actual test, the AKT ODA Holder's testing software will provide you with an opportunity to practice navigating through the test. This practice (or tutorial) session may include a "sample" question(s). These sample questions have no relation to the content of the test, but are meant to familiarize you with the look and feel of the system screens, including selecting an answer, marking a question for later review, time remaining for the test, and other features of the testing software.

When taking a test, keep the following points in mind:

- Carefully read the instructions given with the test.
- Answer each question in accordance with the latest regulations and guidance publications.
- Read each question carefully before looking at the answer options. You should clearly understand the problem before attempting to solve it.
- After formulating an answer, determine which answer option corresponds with your answer. The answer you choose should completely resolve the problem.
- From the answer options given, it may appear that there is more than one possible answer; however, there is only one answer that is correct and complete. The other answers are either incomplete, erroneous, or derived from popular misconceptions.
- If a certain question is difficult for you, it is best to mark it for review and proceed to the next question. After you answer the less difficult questions, return to those you marked for review and answer them. The review marking procedure will be explained to you prior to starting the test. Although the computer should alert you to unanswered questions, make sure every question has an answer recorded. This procedure will enable you to use the available time to maximum advantage.
- When solving a calculation problem, select the answer that most nearly matches your solution. The problem has been checked by various individuals and with different types of calculators; therefore, if you have solved it correctly, your answer will be closer to the correct answer than any of the other choices.

## **USE OF TEST AIDS AND MATERIALS**

You may use aids, reference materials, and test materials within the guidelines listed below, if actual test questions or answers are not revealed. All models of aviation-oriented calculators may be used, including small electronic calculators that perform only arithmetic functions (add, subtract, multiply, and divide). Simple programmable memories, which allow addition to, subtraction from, or retrieval of one number from the memory, are permissible. Also, simple functions, such as square root and percent keys are permissible.

The following guidelines apply:

1. You may use any reference materials provided with the test. In addition, you may use scales, straightedges, protractors, plotters, navigation computers, log sheets, and electronic or mechanical calculators that are directly related to the test.
2. Manufacturer's permanently inscribed instructions on the front and back of such aids (e.g., formulas, conversions, regulations, signals, weather data, frequencies, weight-and-balance formulas) are permissible.
3. Testing centers may provide a calculator to you and/or deny use of your personal calculator based on the following limitations:
  - a. Prior to, and upon completion of the test, while in the presence of the Unit Member (formerly referred to as proctor), you must actuate the ON/OFF switch and perform any other function that ensures erasure of any data stored in memory circuits.
  - b. The use of electronic calculators incorporating permanent or continuous type memory circuits without erasure capability is prohibited. The Unit Member may refuse the use of your calculator when unable to determine the calculator's erasure capability.
  - c. Printouts of data must be surrendered at the completion of the test if the calculator incorporates this design feature.
  - d. The use of magnetic cards, magnetic tapes, modules, computer chips, or any other device upon which pre-written programs or information related to the test can be stored and retrieved is prohibited.
  - e. You are not permitted to use any booklet or manual containing instructions related to use of test aids.
4. Dictionaries are not allowed in the testing area.
5. The Unit Member makes the final determination relating to test materials and personal possessions you may take into the testing area.

## **TESTING PROCEDURES FOR APPLICANTS REQUESTING SPECIAL ACCOMMODATIONS**

If you are an applicant with a learning or reading disability, you may request approval from AFS-630, through the local FSDO or IFO, to take an airman knowledge test using one of the three options listed below, in preferential order:

- Option 1. Use current testing facilities and procedures whenever possible.
- Option 2. You may use a self-contained, electronic device which pronounces and displays typed-in words (e.g., the Franklin Speaking Wordmaster®) to facilitate the testing process. (NOTE: The device should consist of an electronic thesaurus that audibly pronounces typed-in words and presents them on a display screen. The device should also have a built-in headphone jack for private listening in order to avoid disturbing others during testing.)
- Option 3. If you do not choose to use the first or second option, you may request Unit Member assistance in reading specific words or terms from the test questions and/or supplement book. In the interest of preventing compromise of the testing process, the Unit Member must be an individual with no aviation background or expertise. The Unit Member must provide

reading assistance only, with no explanation of words or terms. When this option is requested, the FSDO or IFO inspector must contact the Airman Testing Standards Branch (AFS-630) for assistance in selecting the test site and assisting Unit Member.

Prior to approval of any option, the FSDO or IFO Aviation Safety Inspector must advise you of the regulatory certification requirement of being able to read, write, speak, and understand the English language.

## **CHEATING OR OTHER UNAUTHORIZED CONDUCT**

Computer testing centers must follow strict security procedures to avoid test compromise. These procedures are established by the FAA and are covered in FAA Order 8080.6 (as amended), Conduct of Airman Knowledge Tests. The FAA has directed testing centers to terminate a test at any time a test Unit Member suspects a cheating incident has occurred. An FAA investigation will then be conducted. If the investigation determines that cheating or unauthorized conduct has occurred, then any airman certificate or rating that you hold may be revoked, and you may be prohibited for 1 year from applying for or taking any test for a certificate or rating under 14 CFR part 61.

## **LEARNING STATEMENTS**

Learning statements, as used in airman knowledge testing, refer to a measurable level of knowledge a student should be able to demonstrate following a defined element of training. The most current Learning Statement Reference Guide for Airman Knowledge Testing is online at:

[www.faa.gov/training\\_testing/testing/airmen/media/LearningStatementReferenceGuide.pdf](http://www.faa.gov/training_testing/testing/airmen/media/LearningStatementReferenceGuide.pdf)

We provide learning statements to help instructors and students become more familiar with the areas of knowledge applicable to the airman training, learning, studying, and testing processes.

Beyond serving as a useful reference in preparing for your airman knowledge test, the Learning Statement Reference Guide will assist you and your instructor in interpreting any learning statement codes that may appear on your Airman Knowledge Test Report. You will receive a test report immediately upon completion of the test. This report will list learning statement codes for any questions you may have answered incorrectly. You and your instructor should match the codes on the test report to the information in the Learning Statement Reference Guide in order to obtain the corresponding areas of knowledge deficiency.

Your instructor may be required to provide instruction on each of the areas of deficiency, and to provide a logbook or training record endorsement certifying you have demonstrated satisfactory knowledge in each area. Also, you must present the *original* Airman Knowledge Test Report to the examiner conducting your practical test. During the practical test, the examiner will refer to the learning codes and statements to evaluate your knowledge in the noted areas of deficiency.

## **AIRMAN KNOWLEDGE TEST REPORTS**

Upon completion of the knowledge test, you will receive your Airman Knowledge Test Report, which reflects your score. The test report will be stamped with the testing center's raised/embossed seal.

The Airman Knowledge Test Report must be presented to the examiner prior to taking the practical test. During the oral portion of the practical test, the examiner is required to evaluate the noted areas of deficiency.

Should you require a duplicate Airman Knowledge Test Report due to loss or destruction of the original, send a signed request accompanied by a check or money order for \$1.00, payable to the FAA. Send the request to:

Federal Aviation Administration  
Airmen Certification Branch, AFS-760  
P.O. Box 25082  
Oklahoma City, OK 73125

Airman Knowledge Test Reports are valid for the 24-calendar month period following the month you complete the practical test. **If the Airman Knowledge Test Report expires before completion of the practical test, you must retake the knowledge test.**

## **TRAINING AND TESTING PUBLICATIONS AND GENERAL INFORMATION**

Most of the current Flight Standards Service airman training and testing publications can be obtained in electronic format from the FAA Website, [www.faa.gov](http://www.faa.gov). The training and testing publications and general information can be found on the opening page of that Website under the Training and Testing tab. If a publication is not available in electronic format, there are instructions for obtaining paper copies. Information found on the Website includes the following:

- Advisory Circulars
- Airworthiness Directives
- Code of Federal Regulations
- Computer Testing Supplements
- Knowledge Test Centers
- Sample Knowledge Test questions
- Knowledge Test Statistics
- Learning Statement Reference Guide
- Practical Test Standards
- Training Handbooks
- Type Certificate Data Sheets

### **Advisory Circulars**

Advisory circulars (ACs) provide guidance and information on various subjects related to airman certification.

### **Airworthiness Directives**

Airworthiness Directives (ADs) are notifications to aircraft owners of a known safety deficiency with a specific model of aircraft, engine, avionics, or other system.



## Code of Federal Regulations

The portion of 14 CFR containing what was formerly known as the Federal Aviation Regulations can be found on the Website. 14 CFR contains regulations designed to promote aviation safety, and govern all aviation activities in the United States.


## Computer Testing Supplements


The knowledge testing supplements contain the graphics, legends, and maps that are needed to successfully respond to certain knowledge test items. ODA test center personnel will provide these supplements during the airman knowledge test. You can review them prior to testing at: [http://www.faa.gov/training\\_testing/testing/airmen/test\\_questions/#cts](http://www.faa.gov/training_testing/testing/airmen/test_questions/#cts)

## Knowledge Test Centers

The Knowledge Test Centers portion of the Website contains current listings of Airman Knowledge Testing (AKT) Organization Designation Authorization (ODA) Holders and other testing centers, and the registration telephone numbers to call to register for a test.

The following is a list of the ODA holders authorized to give FAA airman knowledge tests. This list should be helpful in case you choose to register for a test or simply want more information.

 [\*\*Computer Assisted Testing Service \(CATS\)\*\*](#)  
777 Mariners Island Blvd., Suite 200  
San Mateo, CA 94404  
**Applicant inquiry and test registration: 1-800-947-4228**  
From outside the U.S. (650) 259-8550

 [\*\*PSI\*\*](#)  
16821 SE McGillivray Blvd., Suite 201  
Vancouver, WA 98683  
**Applicant inquiry and test registration: 1-800-211-2753 or 1-800-211-2754**  
From outside the U.S. (360) 896-9111

## Knowledge Test Questions

Sample questions are located in the Airman Knowledge Test Questions section of the Website and represent the types of questions included in the actual test banks. Practicing these questions will help you become familiar with similar questions on the airman knowledge tests. The knowledge test is not designed to intimidate any prospective airman; it is designed to measure an applicant's understanding of the rules, regulations and knowledge areas required to receive an FAA certificate.

## Knowledge Test Statistics

Test statistics for all airman knowledge tests are contained in a series of tables organized by year and subject area. Individual tables are provided for the following subject areas: test volume, pass rates, average test scores, countries, regions, and district offices.

## Practical Test Standards

The practical test standards outline the knowledge and skill requirements for each airman certificate and rating. The references listed in each task of the practical test standards indicate the specific publications used to develop the skill standards. The ability to issue immediate changes prior to publishing revised printed copies ensures the practical test standards are always accurate and usable.

## Training Handbooks

The training handbooks are the basic information sources an airman applicant should refer to when preparing for the knowledge and practical tests for a specific certificate or rating.

**Classification Code**: the (usually hierarchical) sequence of classification codes that places a question in a unique category. FAA knowledge test question development uses the following hierarchy:

- Topic— Overall subject matter topic code. The highest classification of overall subject matter a knowledge test item was developed to assess (e.g., Aerodynamics).
- Content—Secondary level subject matter code (e.g., Airspeed).
- Specific— the basic hierarchical classification code the subject matter for a knowledge test item (e.g., Thrust).

**RECREATIONAL PILOT—AIRPLANE (RPA)  
Sample Questions**

## RECREATIONAL PILOT—AIRPLANE (RPA)

### 1. A recreational pilot acting as pilot in command must have in his/her personal possession while aboard the aircraft

A—a current logbook endorsement to show that a flight review has been satisfactorily accomplished.

B—the current and appropriate pilot and medical certificates.

C—the pilot logbook to show recent experience requirements to serve as pilot in command has been met.

*Answer: B.*

*Learning Statement: Recall regulations—display/inspection of licenses and certificates.*

### 2. One of the main functions of flaps during approach and landing is to

A—decrease the angle of descent without increasing the airspeed.

B—permit a touchdown at a higher indicated airspeed.

C—increase the angle of descent without increasing the airspeed.

*Answer: C.*

*Learning Statement: Recall secondary flight controls—types/purpose/functionality.*

### 3. A temperature inversion would most likely result in which weather condition?

A—Clouds with extensive vertical development above an inversion aloft.

B—Good visibility in the lower levels of the atmosphere and poor visibility above an inversion aloft.

C—An increase in temperature as altitude is increased.

*Answer: C.*

*Learning Statement: Recall weather conditions—temperature/moisture/dewpoint.*

### 4. When telephoning a weather briefing facility for preflight weather information, pilots should

A—identify themselves as pilots.

B—tell the number of hours they have flown within the preceding 90 days.

C—state the number of occupants on board and the color of the aircraft.

*Answer: A.*

*Learning Statement: Recall weather reporting systems—briefings/forecasts/reports.*

### 5. What action can a pilot take to aid in cooling an engine that is overheating during a climb?

A—Reduce rate of climb and increase airspeed.

B—Reduce climb speed and increase RPM.

C—Increase climb speed and increase RPM.

*Answer: A.*

*Learning Statement: Recall powerplant—controlling engine temperature.*

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE RECREATIONAL PILOT—AIRPLANE KNOWLEDGE TEST (RPA)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT003</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Stability
<b>PLT008</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Landing Distance
<b>PLT011</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Takeoff Distance
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
<b>PLT013</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Crosswind
<b>PLT021</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Computations
<b>PLT023</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altimeter
<b>PLT026</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT039</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Marking/Signs	Segmented Circle
<b>PLT040</b> <a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Airspace
<b>PLT044</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Two-Way Radio Communications
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT063</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Radar Summary
<b>PLT064</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Uncontrolled	Radio Communications
Airspace	Controlled	Class E
Airspace	Other	Military Training Routes
Airspace	Special Use	MOA
<a href="#">Airport/Facility Directory</a> Publications	Airport Facility Directory	Parachute Jumping
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Aeronautical Charts
<b>PLT068</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Significant Weather Prognostic Charts
<b>PLT071</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Weather Depiction Charts

<b>PLT072</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
<b>PLT075</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Weather Depiction Charts
<b>PLT077</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Marking/Signs	Airport Markings
Airport Operations	Marking/Signs	Displaced Threshold
Airport Operations	Marking/Signs	Traffic Pattern
<b>PLT088</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Airspeed Indicator
<b>PLT090</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	VOR
<b>PLT092</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Computations
<b>PLT097</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Human Factors	Aeromedical Factors	Carbon Monoxide Poisoning
<b>PLT101</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT112</b> <a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a> Airport Operations	Taxiing	Flight Controls
<b>PLT121</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Computations
<b>PLT123</b> <a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a> Flight Operations	Climb	Speed
<b>PLT124</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
<b>PLT125</b> <a href="#">Aeronautical Information Manual</a> Flight Operations	Normal Procedures	Scan
<b>PLT127</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
<b>PLT131</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Atmospheric Effects	Ground Effect
<b>PLT133</b> <a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a> Flight Operations	Climb	Speed
<b>PLT141</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Marking/Signs	Direction Signs
Airport Operations	Marking/Signs	Taxiway
<b>PLT161</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Privileges and Limitations
<a href="#">14 CFR 71</a> Regulations	14CFR Part 71	Airspace
<a href="#">Airport/Facility Directory</a> Publications	Airport Facility Directory	Airport Remarks
<a href="#">Sectional Aeronautical Chart</a> Airspace	Uncontrolled	Class G

<b>PLT163</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Privileges and Limitations
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
Regulations	14CFR Part 91		Class D Operations
<b>PLT166</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT167</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT190</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Carburetor
<b>PLT191</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Carburetor
<b>PLT194</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Human Factors	Aeromedical Factors		Spatial Disorientation
<b>PLT200</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Navigation	Pilotage		Calculations
<b>PLT213</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aerodynamics	Stability / Control		Longitudinal Stability
Aerodynamics	Stability / Control		Stability
<b>PLT215</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Compass
<b>PLT249</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Carburetor
Aircraft Systems	Powerplant		Mixture Control
<b>PLT253</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Mixture Control
<b>PLT278</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Airspeed Indicator
<b>PLT289</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Weather Depiction Charts
<b>PLT290</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Aeronautical Weather Forecasts		AIRMETS/SIGMETS
Weather	Hazardous		Thunderstorms
<a href="#">Aeronautical Information Manual</a>			
Weather	Aeronautical Weather Forecasts		SIGMETS
<b>PLT301</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Moisture
Weather	Meteorology		Temperature
<b>PLT309</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aerodynamics	Load Factor		Flight Maneuvers
Aerodynamics	Load Factor		Steep Turns
<b>PLT311</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aerodynamics	Load Factor		Airspeed

<b>PLT312</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aerodynamics	Load Factor	Stalling Speed
<b>PLT324</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Powerplant	Oil System
<b>PLT328</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Aircraft Loading	Limitations
<b>PLT337</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Pitot / Static	Airspeed Indicator
Aircraft Systems	Pitot / Static	Blockage
<b>PLT343</b> <a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a> Aircraft Systems	Powerplant	Lubrication
<b>PLT345</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weather	Meteorology	Pressure
<b>PLT351</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aerodynamics	Stability / Control	Downwash
Aircraft Systems	Propeller	Efficiency
<b>PLT353</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Radar Summary
<b>PLT366</b> <a href="#">49 CFR 830</a> Regulations	NTSB Part 830	Immediate Notification to NTSB
Regulations	NTSB Part 830	Incident Reports
Regulations	NTSB Part 830	Preservation of Aircraft Wreckage
<b>PLT371</b> <a href="#">14 CFR 1</a> Regulations	14CFR Part 1	Certification of Aircraft
Regulations	14CFR Part 1	Certification of Airmen
<b>PLT374</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airworthiness
<b>PLT376</b> <a href="#">Aeronautical Information Manual</a> Airspace	Other	Wild Life Refuges
<b>PLT387</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Change of Address
<b>PLT393</b> <a href="#">Aeronautical Information Manual</a> Airspace	Special Use	MOA
Airspace	Special Use	Restricted Areas
<b>PLT399</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Inspection of Certificate
Regulations	14CFR Part 61	Pilot Certificate
<b>PLT411</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT442</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Flight Review
Regulations	14CFR Part 61	Privileges and Limitations
<b>PLT444</b> <a href="#">Aeronautical Information Manual</a> Airspace	Special Use	Alert Areas
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Airport Operations	Preflight	Pilot Responsibility



<b>PLT445</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Aeronautical Weather Reports		Weather Briefings
<a href="#">Aeronautical Information Manual</a>			
Weather	Aeronautical Weather Reports		Weather Briefings
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Airport Operations	Preflight		Pilot Responsibility
<b>PLT446</b>			
<a href="#">14 CFR 43</a>			
Regulations	14CFR Part 43		Preventive Maintenance
<b>PLT447</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Medical Certificates
<b>PLT448</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Privileges and Limitations
<b>PLT467</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
Regulations	14CFR Part 91		Flight Rules General
<b>PLT473</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Controls / Secondary		Flaps
<b>PLT477</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aerodynamics	Stall / Spins		Stalls
<b>PLT479</b>			
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>			
Aircraft Systems	Powerplant		Engine Starting
<b>PLT486</b>			
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>			
Airport Operations	Taxiing		Flight Controls
<b>PLT493</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Moisture
<b>PLT495</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Thunderstorms
<b>PLT506</b>			
<a href="#">14 CFR 1</a>			
Regulations	14CFR Part 1		V Speeds
<b>PLT509</b>			
<a href="#">Aeronautical Information Manual</a>			
Airport Operations	Wake Turbulence		Strength
Airport Operations	Wake Turbulence		Vortex Avoidance
Flight Operations	Wake Turbulence		Vortex Avoidance
Flight Operations	Wake Turbulence		Vortex Behavior
<b>PLT512</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Moisture
<b>PLT514</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Weather	Aeronautical Weather Reports		Weather Briefings
<b>PLT516</b>			
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>			
Airport Operations	Taxiing		Flight Controls



## APPENDIX 2

### RECREATIONAL PILOT—ROTORCRAFT/HELICOPTER (RPH)

**1. What exception, if any, permits a recreational pilot to act as pilot in command of an aircraft carrying a passenger for hire?**

- A—If the passenger pays no more than the operating expenses.
- B—If a donation is made to a charitable organization for the flight.
- C—There is no exception.

*Answer: C.*

*Learning Statement: Recall regulations—privileges/limitations of pilot certificates.*

**2. The lift differential that exists between the advancing main rotor blade and the retreating main rotor blade is known as**

- A—transverse flow effect.
- B—dissymmetry of lift.
- C—hunting tendency.

*Answer: B.*

*Learning Statement: Recall forces acting on aircraft—aerodynamics.*

**3. The amount of water vapor which air can hold depends on the**

- A—dewpoint.
- B—air temperature.
- C—stability of the air.

*Answer: B.*

*Learning Statement: Recall weather conditions—temperature/moisture/dewpoint.*

**4. When telephoning a weather briefing facility for preflight weather information, pilots should state the**

- A—full name and address of the pilot in command.
- B—intended route, destination, and type of aircraft.
- C—radio frequencies to be used.

*Answer: B.*

*Learning Statement: Recall weather reporting systems—briefings/forecasts/reports.*

**5. What action should the pilot take if engine failure occurs at altitude?**

- A—Open the throttle as the collective pitch is raised.
- B—Reduce cyclic back stick pressure during turns.
- C—Lower the collective pitch control, as necessary, to maintain rotor RPM.

*Answer: C.*

*Learning Statement: Recall emergency conditions/procedures.*

## APPENDIX 2

### RECREATIONAL PILOT—ROTORCRAFT/HELICOPTER (RPH)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT003</b> <a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a> Weight and Balance	Center of Gravity	Computations
<b>PLT005</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
<b>PLT014</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	ADF / NDB
<b>PLT021</b> <a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a> Weight and Balance	Center of Gravity	Computations
<b>PLT027</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Coning
<b>PLT040</b> <a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Airspace
<b>PLT041</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altimeter
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT064</b> <a href="#">Aeronautical Information Manual</a> Airspace	Other	Military Training Routes
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
Navigation	Radio	VOR
<b>PLT068</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Significant Weather Prognostic Charts
<b>PLT072</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	Terminal Aerodrome Forecasts (TAF)
Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
<b>PLT075</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Weather Depiction Charts
<b>PLT090</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	VOR
<b>PLT091</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	ADF / NDB
<b>PLT101</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	VOR
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT112</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aircraft Systems	Flight Controls / Primary	Collective Pitch
Airport Operations	Taxiing	Taxing

<b>PLT120</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Aerodynamics	Principles of Flight		Retreating Blade Stall
<b>PLT124</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Performance	Computations		Density Altitude
<b>PLT129</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Flight Operations	Takeoff		Helicopter
<b>PLT131</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Aircraft Performance	Atmospheric Effects		Ground Effect
<b>PLT141</b>			
<a href="#">Aeronautical Information Manual</a>			
Airport Operations	Lighting		Rotating Beacon
<b>PLT161</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Privileges and Limitations
<a href="#">14 CFR 71</a>			
Regulations	14CFR Part 71		Airspace
<a href="#">Airport/Facility Directory</a>			
Publications	Airport Facility Directory		Airport Remarks
<a href="#">Sectional Aeronautical Chart</a>			
Airspace	Uncontrolled		Class G
<b>PLT163</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Privileges and Limitations
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
Regulations	14CFR Part 91		Class D Operations
<b>PLT165</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT167</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Pressure
<b>PLT169</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Flight Operations	Emergency Procedures		Approach/Landing
<b>PLT173</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Stability
<b>PLT175</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Flight Operations	Emergency Procedures		Autorotations
<b>PLT192</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Clouds
Weather	Meteorology		Stability
<b>PLT194</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<b>PLT197</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Aerodynamics	Principles of Flight		Coriolis Effect
<b>PLT199</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Aerodynamics	Principles of Flight		Flight Controls
<b>PLT215</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Compass
<b>PLT222</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Aerodynamics	Performance		Helicopter

<b>PLT226</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Fog
<b>PLT242</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Helicopter Forward Flight
<b>PLT285</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Flight Operations	Maneuvers	Basic
<b>PLT289</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Weather Depiction Charts
<b>PLT328</b> <a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a> Weight and Balance	Center of Gravity	Computations
<b>PLT335</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	VOR
<b>PLT366</b> <a href="#">49 CFR 830</a> Regulations	NTSB Part 830	Immediate Notification to NTSB
<b>PLT393</b> <a href="#">Aeronautical Information Manual</a> Airspace	Special Use	MOA
<b>PLT442</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Privileges and Limitations
<b>PLT448</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Privileges and Limitations
<b>PLT470</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Coriolis Effect
Aerodynamics	Principles of Flight	Retreating Blade Stall
Flight Operations	Emergency Procedures	Tail Rotor
<b>PLT472</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Flight Operations	Emergency Procedures	Main Rotor
<b>PLT486</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Flight Operations	Takeoff	Helicopter
<b>PLT493</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture
<b>PLT495</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Thunderstorms
<b>PLT509</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Wake Turbulence	Strength
Airport Operations	Wake Turbulence	Vortex Avoidance
<b>PLT512</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture

## APPENDIX 3

### RECREATIONAL PILOT—ROTORCRAFT/GYROPLANE (RPG)

**1. A recreational pilot may fly as sole occupant of an aircraft at night while under the supervision of a flight instructor provided the flight or surface visibility is at least**

- A—3 miles.
- B—4 miles.
- C—5 miles.

*Answer: C.*

*Learning Statement: Recall regulations—pilot qualifications/privileges/responsibilities.*

**2. What precaution should be taken while taxiing a gyroplane?**

- A—The cyclic stick should be held in the neutral position at all times.
- B—Avoid abrupt control movements when blades are turning.
- C—The cyclic stick should be held slightly aft of neutral at all times.

*Answer: B.*

*Learning Statement: Recall taxiing/takeoff—techniques/procedures.*

**3. What are characteristics of unstable air?**

- A—Turbulence and good surface visibility.
- B—Turbulence and poor surface visibility.
- C—Nimbostratus clouds and good surface visibility.

*Answer: A.*

*Learning Statement: Recall weather—causes/formation.*

**4. When telephoning a weather briefing facility for preflight weather information, pilots should state**

- A—the full name and address of the formation commander.
- B—that they possess a current pilot certificate.
- C—whether they intend to fly VFR only.

*Answer: C.*

*Learning Statement: Recall weather reporting systems—briefings/forecasts/reports.*

**5. A below glide slope indication from a tri-color VASI is a**

- A—red light signal.
- B—pink light signal.
- C—green light signal.

*Answer: A.*

*Learning Statement: Recall airport operations—visual glideslope indicators.*

## APPENDIX 3

### RECREATIONAL PILOT—ROTORCRAFT/GYROPLANE (RPG)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT008</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aircraft Performance	Computations	Landing Distance
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
<b>PLT013</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Performance	Computations	Crosswind
<b>PLT014</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
Navigation	Radio	VOR
<b>PLT021</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Weight and Balance	Center of Gravity	Computations
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Weight and Balance	Center of Gravity	Computations
<b>PLT023</b> <a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Pressure
<b>PLT027</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aerodynamics	Principles of Flight	Coning
<b>PLT040</b> <a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT064</b> <a href="#">Aeronautical Information Manual</a>		
Airspace	Other	Military Training Routes
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
<b>PLT068</b> <a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Significant Weather Prognostic Charts
<b>PLT072</b> <a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Forecasts	Terminal Aerodrome Forecasts (TAF)
Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
<b>PLT090</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
Navigation	Radio	VOR
<b>PLT101</b> <a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT120</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aerodynamics	Principles of Flight	Retreating Blade Stall
<b>PLT131</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aircraft Performance	Atmospheric Effects	Ground Effect
<b>PLT132</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Attitude Indicator



<b>PLT141</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Marking/Signs	Taxiway
<b>PLT161</b> <a href="#">14 CFR 71</a> Regulations	14CFR Part 71	Airspace
<a href="#">Airport/Facility Directory</a> Publications	Airport Facility Directory	Airport Remarks
<a href="#">Sectional Aeronautical Chart</a> Airspace	Uncontrolled	Class G
<b>PLT163</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Privileges and Limitations
<a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Class D Operations
<b>PLT165</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Temperature
<b>PLT166</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Attitude Indicator
<b>PLT190</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Powerplant	Carburetor Heat
<b>PLT199</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Flight Controls
<b>PLT225</b> <a href="#">Aeronautical Information Manual</a> Navigation	Pilotage	Flight Plan
<b>PLT242</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Dissymmetry of Lift
<b>PLT263</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Thunderstorms
<b>PLT265</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Flight Operations	Emergency Procedures	Ground Resonance
<b>PLT284</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	Winds / Temperatures Aloft Forecast
<b>PLT285</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aircraft Performance	Computations	Height/Velocity
<b>PLT290</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	AIRMETS/SIGMETS
Weather	Hazardous	Thunderstorms
<b>PLT301</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Temperature
<b>PLT334</b> <a href="#">Aeronautical Information Manual</a> Human Factors	Aeromedical Factors	Spatial Disorientation
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Human Factors	Aeromedical Factors	Spatial Disorientation
<b>PLT351</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Propeller	Efficiency
<b>PLT366</b> <a href="#">49 CFR 830</a> Regulations	NTSB Part 830	Immediate Notification to NTSB
Regulations	NTSB Part 830	Incident Reports
<b>PLT371</b> <a href="#">14 CFR 1</a> Regulations	14CFR Part 1	Certification of Aircraft

<b>PLT374</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Aircraft Return to Service
Regulations	14CFR Part 91		Airworthiness Certificate
<b>PLT393</b>			
<a href="#">Aeronautical Information Manual</a>			
Airspace	Special Use		MOA
<b>PLT442</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Flight Review
Regulations	14CFR Part 61		Privileges and Limitations
<b>PLT444</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Airport Operations	Preflight		Pilot Responsibility
<b>PLT445</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Airport Operations	Preflight		Pilot Responsibility
<b>PLT446</b>			
<a href="#">14 CFR 43</a>			
Regulations	14CFR Part 43		Preventive Maintenance
<b>PLT447</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Medical Certificates
<b>PLT448</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Privileges and Limitations
<b>PLT455</b>			
<a href="#">Aeronautical Information Manual</a>			
Navigation	Pilotage		Flight Plan
<b>PLT467</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
Regulations	14CFR Part 91		Flight Rules General
<b>PLT495</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Thunderstorms
<b>PLT506</b>			
<a href="#">14 CFR 1</a>			
Regulations	14CFR Part 1		V Speeds
<b>PLT511</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Fronts
<b>PLT514</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Aeronautical Weather Reports		Weather Briefings
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Weather	Aeronautical Weather Reports		Weather Briefings

## APPENDIX 4

### PRIVATE PILOT—AIRPLANE/RECREATIONAL PILOT—TRANSITION (PAT)

**1. In addition to other preflight actions for a VFR flight away from the vicinity of the departure airport, regulations specifically require the pilot in command to**

A—review traffic control light signal procedures.

B—check the accuracy of the navigation equipment and the emergency locator transmitter (ELT).

C—determine runway lengths at airports of intended use and the aircraft's takeoff and landing distance data.

*Answer: C.*

*Learning Statement: Recall regulations—preflight requirements.*

**2. While cruising at 9,500 feet MSL, the fuel/air mixture is properly adjusted. What will occur if a descent to 4,500 feet MSL is made without readjusting the mixture?**

A—The fuel/air mixture may become excessively lean.

B—There will be more fuel in the cylinders than is needed for normal combustion and the excess fuel will absorb heat and cool the engine.

C—The excessively rich mixture will create higher cylinder head temperatures and may cause detonation.

*Answer: A.*

*Learning Statement: Recall fuel—air mixture.*

**3. If a flight is made from an area of low pressure into an area of high pressure without the altimeter setting being adjusted, the altimeter will indicate**

A—the actual altitude above sea level.

B—higher than the actual altitude above sea level.

C—lower than the actual altitude above sea level.

*Answer: C.*

*Learning Statement: Recall atmospheric conditions—measurements/pressure/stability.*

**4. Preventative maintenance has been performed on an aircraft. What paperwork is required?**

A—A full, detailed description of the work done must be entered in the airframe logbook.

B—The date the work was completed, and the name of the person who did the work must be entered in the airframe and engine logbook.

C—The signature, certificate number, and kind of certificate held by the person approving the work and a description of the work must be entered in the aircraft maintenance records.

*Answer: C.*

*Learning Statement: Recall regulations—preventative maintenance.*

# APPENDIX 4

## PRIVATE PILOT—AIRPLANE/RECREATIONAL PILOT—TRANSITION (PAT)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Performance	Computations	Cruise
Navigation	Pilotage	Calculations
<b>PLT014</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a>		
Airspace	Controlled	Class B
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
<b>PLT044</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Two-Way Radio Communications
<a href="#">Aeronautical Information Manual</a>		
Airport Operations	Tower Controlled	Ground Operations
<b>PLT064</b> <a href="#">Aeronautical Information Manual</a>		
Airspace	Controlled	Class E
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
<b>PLT091</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
<b>PLT099</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Flight Operations	Night	Scan
<b>PLT101</b> <a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT119</b> <a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Flight Operations	Collision Avoidance	Aircraft Position Lights
<b>PLT141</b> <a href="#">Aeronautical Information Manual</a>		
Airport Operations	Marking/Signs	Direction Signs
Airport Operations	Marking/Signs	Taxiway
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Airport Operations	Lighting	Taxiway
<b>PLT147</b> <a href="#">Aeronautical Information Manual</a>		
Airport Operations	Lighting	VASI
<b>PLT161</b> <a href="#">14 CFR 71</a>		
Regulations	14CFR Part 71	Airspace
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Special VFR
<a href="#">Aeronautical Information Manual</a>		
Airspace	Controlled	Class C
Airspace	Controlled	Class D
<a href="#">Airport/Facility Directory</a>		
Publications	Airport Facility Directory	Airport Remarks
<a href="#">Sectional Aeronautical Chart</a>		
Airspace	Controlled	Class C
Airspace	Uncontrolled	Class G

<b>PLT163</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
Regulations	14CFR Part 91		Class D Operations
<b>PLT221</b>			
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>			
Aerodynamics	Principles of Flight		Landings
<b>PLT351</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Propeller		Adjustable-Pitch
<b>PLT376</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Special VFR
<b>PLT384</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Seat Belts
<b>PLT393</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
<b>PLT395</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		High Performance
<b>PLT427</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Medical Certificates
<b>PLT442</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		PIC Recent Flight Experience
<b>PLT444</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Preflight Actions
<b>PLT445</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Preflight Actions
<b>PLT447</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Medical Certificates
<b>PLT448</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Privileges and Limitations
<b>PLT451</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Privileges and Limitations
<b>PLT465</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		PIC Responsibility / Authority
Regulations	14CFR Part 91		Seat Belts
<b>PLT468</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
<b>PLT497</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
<a href="#">Aeronautical Information Manual</a>			
Aircraft Systems	Avionics		Transponder
<b>PLT506</b>			
<a href="#">14 CFR 1</a>			
Regulations	14CFR Part 1		V Speeds



## APPENDIX 5

### PRIVATE PILOT—HELICOPTER/RECREATIONAL PILOT—TRANSITION (PHT)

**1. Under what conditions, if any, may a private pilot operate a helicopter under special VFR at night within Class D airspace?**

- A—The helicopter must be fully instrument equipped and the pilot must be instrument rated.
- B—The flight visibility must be at least 1 mile.
- C—There are no conditions; regulations permit this.

*Answer: C. Learning Statement: Recall regulations—visual flight rules and limitations.*

**2. When must the battery in an emergency locator transmitter (ELT) be replaced (or changed if the battery is rechargeable)?**

- A—After one-half the battery's useful life.
- B—During each annual and 100-hour inspection.
- C—Every 24 calendar months.

*Answer: A.*  
*Learning Statement: Recall regulations—ELT requirements.*

**3. One weather phenomenon which will always occur when flying across a front is a change in the**

- A—wind direction.
- B—type of precipitation.
- C—stability of the air mass.

*Answer: A.*  
*Learning Statement: Recall weather associated with frontal activity/air masses.*

**4. The correct method of stating 4,500 feet MSL to ATC is**

- A—"FOUR THOUSAND FIVE HUNDRED."
- B—"FOUR POINT FIVE."
- C—"FORTY-FIVE HUNDRED FEET MSL."

*Answer: C.*  
*Learning Statement: Effective communication—basic elements.*

**5. Which initial action should a pilot take prior to entering Class C airspace?**

- A—Contact approach control on the appropriate frequency.
- B—Contact the tower and request permission to enter.
- C—Contact the FSS for traffic advisories.

*Answer: A.*  
*Learning Statement: Recall airspace classes—limits/requirements/restrictions/airspeeds/equipment.*

## APPENDIX 5

### PRIVATE PILOT—HELICOPTER/RECREATIONAL PILOT—TRANSITION (PHT)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
<b>PLT014</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
<b>PLT040</b> <a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
<b>PLT044</b> <a href="#">Aeronautical Information Manual</a>		
Airport Operations	Tower Controlled	Ground Operations
<b>PLT064</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	VOR
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
<b>PLT077</b> <a href="#">Aeronautical Information Manual</a>		
Airport Operations	Marking/Signs	Airport Markings
<b>PLT091</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
<b>PLT099</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Flight Operations	Night	Scan
<b>PLT101</b> <a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT119</b> <a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Flight Operations	Collision Avoidance	Aircraft Position Lights
<b>PLT141</b> <a href="#">Aeronautical Information Manual</a>		
Airport Operations	Marking/Signs	Direction Signs
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Airport Operations	Lighting	Taxiway
<b>PLT161</b> <a href="#">14 CFR 71</a>		
Regulations	14CFR Part 71	Airspace
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Special VFR
<a href="#">Aeronautical Information Manual</a>		
Airspace	Controlled	Class C
Airspace	Controlled	Class D
<a href="#">Airport/Facility Directory</a>		
Publications	Airport Facility Directory	Airport Remarks
<a href="#">Sectional Aeronautical Chart</a>		
Airspace	Controlled	Class C
Airspace	Uncontrolled	Class G
<b>PLT163</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Class D Operations
<b>PLT194</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	En Route	Radar
Airspace	Procedures	Scan



<b>PLT196</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Airport Operations	Communications	ATIS
<b>PLT242</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Dissymmetry of Lift
<b>PLT335</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	VOR
<b>PLT403</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	ATC Clearances
<b>PLT411</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT442</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT444</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	PIC Responsibility / Authority
<b>PLT445</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Preflight Actions
<b>PLT445</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Preflight Actions
<b>PLT497</b> <a href="#">Aeronautical Information Manual</a> Aircraft Systems	Avionics	Transponder
<b>PLT515</b> <a href="#">Aeronautical Information Manual</a> Weather	Aeronautical Weather Reports	En Route Flight Advisory Service (EFAS)



## APPENDIX 6

### PRIVATE PILOT—GYROPLANE/RECREATIONAL PILOT—TRANSITION (PGT)

**1. Except in Alaska, during what time period should lighted position lights be displayed on an aircraft?**

- A—End of evening civil twilight to the beginning of morning civil twilight.
- B—1 hour after sunset to 1 hour before sunrise.
- C—Sunset to sunrise.

*Answer: C.*

*Learning Statement: Recall regulations—use of aircraft lights.*

**2. If the pilot experiences ground resonance during rotor spin-up, what action should the pilot take?**

- A—Taxi to a smooth area.
- B—Close the throttle and slowly raise the spin-up lever.
- C—Make a normal takeoff immediately.

*Answer: B.*

*Learning Statement: Recall ground resonance—conditions to occur.*

**3. Individual forecasts for specific routes of flight can be obtained from which weather source?**

- A—Transcribed Weather Broadcasts (TWEB's).
- B—Terminal Forecasts.
- C—Area Forecasts.

*Answer: A.*

*Learning Statement: Recall weather information—TWEB broadcasts.*

**4. With regard to carburetor ice. Float-type carburetor systems in comparison to fuel injection systems are generally considered to be**

- A—more susceptible to icing.
- B—equally susceptible to icing.
- C—susceptible to icing only when visible moisture is present.

*Answer: A.*

*Learning Statement: Recall aircraft systems—anti-icing/deicing.*

**5. When taking off or landing at an airport where heavy aircraft are operating, one should be particularly alert to the hazards of wingtip vortices because this turbulence tends to**

- A—rise from a crossing runway into the takeoff or landing path.
- B—rise into the traffic pattern area surrounding the airport.
- C—sink into the flightpath of aircraft operating below the aircraft generating the turbulence.

*Answer: C.*

*Learning Statement: Recall wake turbulence—characteristics/avoidance techniques.*

# APPENDIX 6

## PRIVATE PILOT—GYROPLANE/RECREATIONAL PILOT—TRANSITION (PGT)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
Navigation	Radio	VOR
<b>PLT013</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Performance	Computations	Crosswind
<b>PLT014</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a>		
Airspace	Controlled	Class B
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
<b>PLT091</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
<b>PLT099</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Flight Operations	Night	Scan
<b>PLT101</b> <a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT119</b> <a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Flight Operations	Collision Avoidance	Aircraft Position Lights
<b>PLT141</b> <a href="#">Aeronautical Information Manual</a>		
Airport Operations	Lighting	Rotating Beacon
Airport Operations	Marking/Signs	Direction Signs
Airport Operations	Marking/Signs	Taxiway
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Airport Operations	Lighting	Taxiway
<b>PLT161</b> <a href="#">14 CFR 71</a>		
Regulations	14CFR Part 71	Airspace
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Airspace
<a href="#">Aeronautical Information Manual</a>		
Airspace	Controlled	Class C
Airspace	Controlled	Class D
<a href="#">Airport/Facility Directory</a>		
Publications	Airport Facility Directory	Airport Remarks
<a href="#">Sectional Aeronautical Chart</a>		
Airspace	Uncontrolled	Class G
<b>PLT163</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Class D Operations
<b>PLT194</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	En Route	Radar
<b>PLT242</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aerodynamics	Principles of Flight	Dissymmetry of Lift
<b>PLT393</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Airspace

<b>PLT411</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT427</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Medical Certificates
<b>PLT442</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT444</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	PIC Responsibility / Authority
Regulations	14CFR Part 91	Preflight Actions
<b>PLT445</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Preflight Actions
<b>PLT447</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Medical Certificates
<b>PLT467</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Flight Rules General



## APPENDIX 7 PRIVATE PILOT—AIRPLANE (PAR)

**1. The three takeoffs and landings that are required to act as pilot in command at night must be done during the time period from**

A—sunset to sunrise.

B—1 hour after sunset to 1 hour before sunrise.

C—the end of evening civil twilight to the beginning of morning civil twilight.

*Answer: B.*

*Learning Statement: Recall regulations—pilot currency requirements.*

**2. In what flight condition is torque effect the greatest in a single-engine airplane?**

A—Low airspeed, high power, high angle of attack.

B—Low airspeed, low power, low angle of attack.

C—High airspeed, high power, high angle of attack.

*Answer: A.*

*Learning Statement: Recall forces acting on aircraft—propeller/torque.*

**3. The wind at 5,000 feet AGL is southwesterly while the surface wind is southerly. This difference in direction is primarily due to**

A—stronger pressure gradient at higher altitudes.

B—friction between the wind and the surface.

C—stronger Coriolis force at the surface.

*Answer: B.*

*Learning Statement: Recall winds—types/characteristics.*

**4. If an aircraft is equipped with a fixed-pitch propeller and a float-type carburetor, the first indication of carburetor ice would most likely be**

A—a drop in oil temperature and cylinder head temperature.

B—engine roughness.

C—loss of RPM.

*Answer: C.*

*Learning Statement: Recall carburetor ice—factors affecting/causing.*

**5. The most effective method of scanning for other aircraft for collision avoidance during nighttime hours is to use**

A—regularly spaced concentration on the 3-, 9-, and 12-o'clock positions.

B—a series of short, regularly spaced eye movements to search each 30-degree sector.

C—peripheral vision by scanning small sectors and utilizing off center viewing.

*Answer: C.*

*Learning Statement: Recall collision avoidance---scanning techniques*

## APPENDIX 7

### PRIVATE PILOT—AIRPLANE (PAR)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT003</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Stability
<b>PLT005</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
<b>PLT008</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Landing Distance
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Cruise
Navigation	Pilotage	Calculations
Navigation	Radio	VOR
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Aeronautical Charts
<b>PLT013</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Crosswind
<b>PLT014</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	ADF / NDB
Navigation	Radio	VOR
<b>PLT019</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
Aircraft Performance	Computations	Pressure Altitude
<b>PLT021</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Computations
<b>PLT023</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Altitude
<b>PLT026</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT039</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Marking/Signs	Segmented Circle
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a> Airspace	Controlled	Class B
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Airspace
<b>PLT041</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altimeter
<b>PLT044</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Tower Controlled	Ground Operations
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT061</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Pilot Weather Reports
<a href="#">Aeronautical Information Manual</a> Weather	Aeronautical Weather Reports	Pilot Weather Reports



<b>PLT064</b>		
<a href="#">Aeronautical Information Manual</a>		
Airport Operations	Uncontrolled	Radio Communications
Airspace	Controlled	Class E
Airspace	Other	Military Training Routes
Airspace	Special Use	MOA
Navigation	Pilotage	Aeronautical Charts
<a href="#">Airport/Facility Directory</a>		
Publications	Airport Facility Directory	Parachute Jumping
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
Navigation	Radio	VOR
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
<b>PLT068</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Significant Weather Prognostic Charts
<b>PLT071</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Weather Depiction Charts
<b>PLT072</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Forecasts	Terminal Aerodrome Forecasts (TAF)
Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
<b>PLT075</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Weather Depiction Charts
<b>PLT076</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Forecasts	Winds / Temperatures Aloft Forecast
<b>PLT077</b>		
<a href="#">Aeronautical Information Manual</a>		
Airport Operations	Marking/Signs	Airport Markings
Airport Operations	Marking/Signs	Displaced Threshold
Airport Operations	Marking/Signs	Tetrahedron
Airport Operations	Marking/Signs	Traffic Pattern
<b>PLT088</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Airspeed Indicator
<b>PLT090</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
Navigation	Radio	VOR
<b>PLT091</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	ADF / NDB
<b>PLT092</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Weight and Balance	Center of Gravity	Computations
<b>PLT097</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Human Factors	Aeromedical Factors	Carbon Monoxide Poisoning
<b>PLT099</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Flight Operations	Night	Scan

<b>PLT101</b>			
<a href="#">Aeronautical Information Manual</a>			
Navigation	Pilotage		Flight Plans
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Navigation	Pilotage		Calculations
Navigation	Radio		VOR
<a href="#">Sectional Aeronautical Chart</a>			
Navigation	Pilotage		Aeronautical Charts
Navigation	Pilotage		Airspace
Publications	Aeronautical Charts		Sectionals
<b>PLT112</b>			
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>			
Airport Operations	Taxiing		Flight Controls
<b>PLT115</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Fueling
Aircraft Systems	Powerplant		Ignition
<b>PLT118</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Directional Gyro
<b>PLT119</b>			
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>			
Flight Operations	Collision Avoidance		Aircraft Position Lights
<b>PLT121</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Weight and Balance	Center of Gravity		Computations
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<b>PLT133</b>			
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Flight Operations	Climb		Speed
<b>PLT134</b>			
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Airport Operations	Marking/Signs		Runway
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<b>PLT369</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Aerobatic Flight
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<b>PLT462</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Lighting	Runway Lighting
<b>PLT463</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Drugs / Alcohol
<a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Alcohol or Drugs
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<b>PLT465</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Seat Belts
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<b>PLT486</b> <a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a> Airport Operations	Taxiing	Flight Controls
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<b>PLT493</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture
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<b>PLT497</b> <a href="#">Aeronautical Information Manual</a> Aircraft Systems	Avionics	Transponder
<b>PLT502</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Light Gun Signals
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**PLT509**

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Airport Operations	Wake Turbulence	Vortex Avoidance
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Flight Operations	Wake Turbulence	Vortex Behavior

**PLT511**

[AC 00-6 Aviation Weather](#)

Weather	Meteorology	Fronts
Weather	Meteorology	Stability

[Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25](#)

Weather	Meteorology	Stability
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**PLT512**

[AC 00-6 Aviation Weather](#)

Weather	Meteorology	Fog
Weather	Meteorology	Moisture
Weather	Meteorology	Stability
Weather	Meteorology	Temperature

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[AC 00-45 Aviation Weather Services](#)

Weather	Aeronautical Weather Forecasts	Aviation Area Forecasts (FA)
Weather	Aeronautical Weather Forecasts	Terminal Aerodrome Forecasts (TAF)
Weather	Aeronautical Weather Reports	Weather Briefings

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Weather	Aeronautical Weather Reports	Weather Briefings
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**PLT515**

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Weather	Aeronautical Weather Reports	En Route Flight Advisory Service (EFAS)

**PLT516**

[AC 00-6 Aviation Weather](#)

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[Airplane Flying Handbook, FAA-H-8083-3A](#)

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**PLT518**

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Weather	Meteorology	Windshear
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## APPENDIX 8

### PRIVATE PILOT—ROTORCRAFT/HELICOPTER (PRH)

**1. No person may begin a flight in a rotorcraft under VFR unless there is enough fuel to fly to the first point of intended landing and, assuming normal cruising speed, to fly thereafter for at least**

- A—20 minutes.
- B—30 minutes.
- C—1 hour.

*Answer: A.*

*Learning Statement: Recall regulations—fuel requirements.*

**2. During forward cruising flight at constant airspeed and altitude, the individual rotor blades, when compared to each other, are operating**

- A—with increased lift on the retreating blade.
- B—with a decreasing angle of attack on the advancing blade.
- C—at unequal airspeed, unequal angles of attack and equal lift moment.

*Answer: C.*

*Learning Statement: Recall forces acting on aircraft—aerodynamics.*

**3. Which conditions result in the formation of frost?**

- A—The temperature of the collecting surface is at or below freezing when small droplets of moisture fall on the surface.
- B—The temperature of the collecting surface is at or below the dew point of the adjacent air and the dew point is below freezing.
- C—The temperature of the surrounding air is at or below freezing when small drops of moisture fall on the collecting surface.

*Answer: B.*

*Learning Statement: Recall weather conditions—temperature/moisture/dewpoint.*

**4. If the grade of fuel used in an aircraft engine is lower than specified for the engine, it will most likely cause**

- A—a mixture of fuel and air that is not uniform in all cylinders.
- B—lower cylinder head temperatures.
- C—detonation.

*Answer: C.*

*Learning Statement: Recall fuel—types/characteristics/contamination/fueling/defueling/precautions.*

## APPENDIX 8

### PRIVATE PILOT—ROTORCRAFT/HELICOPTER (PRH)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT005</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
Navigation	Radio	VOR
<b>PLT014</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	ADF / NDB
Navigation	Radio	VOR
<b>PLT019</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
Aircraft Performance	Computations	Pressure Altitude
<b>PLT021</b> <a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a> Weight and Balance	Center of Gravity	Computations
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Computations
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Weight and Balance	Center of Gravity	Computations
<b>PLT023</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Altitude
<b>PLT027</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Coning
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a> Airspace	Controlled	Class B
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Airspace
<b>PLT041</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altimeter
<b>PLT044</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Two-Way Radio Communications
<a href="#">Aeronautical Information Manual</a> Airport Operations	Tower Controlled	Ground Operations
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT061</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Pilot Weather Reports
<a href="#">Aeronautical Information Manual</a> Weather	Aeronautical Weather Reports	Pilot Weather Reports
<b>PLT063</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Radar Summary

<b>PLT064</b>		
<a href="#">Aeronautical Information Manual</a>		
Airport Operations	Uncontrolled	Radio Communications
Airspace	Controlled	Class E
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
Navigation	Radio	VOR
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
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<b>PLT071</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
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<b>PLT072</b>		
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Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
<b>PLT077</b>		
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<b>PLT090</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
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<b>PLT097</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
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<b>PLT099</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Flight Operations	Night	Scan
<b>PLT101</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
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<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
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<b>PLT112</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aircraft Systems	Flight Controls / Primary	Collective Pitch
<b>PLT115</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Fueling
<b>PLT119</b>		
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Flight Operations	Collision Avoidance	Aircraft Position Lights
<b>PLT120</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aerodynamics	Principles of Flight	Retreating Blade Stall
<b>PLT124</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Performance	Computations	Density Altitude
<b>PLT129</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Flight Operations	Takeoff	Helicopter
<b>PLT131</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aircraft Performance	Atmospheric Effects	Ground Effect
<b>PLT136</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Carburetor

<b>PLT141</b>		
<a href="#">Aeronautical Information Manual</a>		
Airport Operations	Marking/Signs	Direction Signs
Airport Operations	Marking/Signs	Runway
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<b>PLT161</b>		
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<a href="#">14 CFR 91</a>		
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Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Special VFR
Regulations	14CFR Part 91	Transponder Operations
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Airport Operations	Tower Controlled	Special VFR
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<a href="#">Airport/Facility Directory</a>		
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<a href="#">Sectional Aeronautical Chart</a>		
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<b>PLT163</b>		
<a href="#">14 CFR 91</a>		
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<b>PLT165</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
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<b>PLT168</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aerodynamics	Principles of Flight	Angle of Attack
<b>PLT169</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Flight Operations	Emergency Procedures	Approach/Landing
<b>PLT173</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Stability
<b>PLT175</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Flight Operations	Emergency Procedures	Autorotations
<b>PLT189</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Carburetor Heat
<b>PLT190</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Carburetor
<b>PLT191</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Carburetor
<b>PLT192</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Clouds
Weather	Meteorology	Stability
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<b>PLT194</b>		
<a href="#">Aeronautical Information Manual</a>		
Flight Operations	Collision Avoidance	Maneuvers
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Human Factors	Aeromedical Factors	Spatial Disorientation
<b>PLT197</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
Aerodynamics	Principles of Flight	Coriolis Effect
<b>PLT199</b>		
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Aerodynamics	Principles of Flight	Flight Controls

<b>PLT200</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
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<b>PLT208</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Flight Operations	Emergency Procedures		Engine Failure
<b>PLT215</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Compass
<b>PLT222</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Flight Operations	Takeoff		Helicopter
<b>PLT226</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Fog
<b>PLT242</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Aerodynamics	Principles of Flight		Dissymmetry of Lift
Aerodynamics	Principles of Flight		Helicopter Forward Flight
<b>PLT249</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Carburetor Heat
<b>PLT250</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Fuel Grade
Aircraft Systems	Powerplant		Fueling
<b>PLT263</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Thunderstorms
Weather	Meteorology		Turbulence
<b>PLT268</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Aerodynamics	Principles of Flight		Helicopter Hovering Flight
<b>PLT274</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
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<b>PLT284</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Aeronautical Weather Forecasts		Winds / Temperatures Aloft Forecast
<b>PLT285</b>			
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>			
Aircraft Performance	Charts		Helicopter
Aircraft Performance	Computations		Climb
Flight Operations	Maneuvers		Basic
<b>PLT289</b>			
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<b>PLT290</b>			
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<a href="#">Aeronautical Information Manual</a>			
Weather	Aeronautical Weather Forecasts		SIGMETS
<b>PLT301</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
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<b>PLT324</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
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<b>PLT328</b>			
<a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a>			
Weight and Balance	Center of Gravity		Computations
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Weight and Balance	Aircraft Loading		Equipment List
<b>PLT332</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight

<b>PLT334</b> <a href="#">Aeronautical Information Manual</a>		
Human Factors	Aeromedical Factors	Spatial Disorientation
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Human Factors	Aeromedical Factors	Spatial Disorientation
<b>PLT335</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Radio	VOR
<b>PLT337</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Pitot / Static	Blockage
<b>PLT342</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
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<b>PLT353</b> <a href="#">AC 00-45 Aviation Weather Services</a>		
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<b>PLT366</b> <a href="#">49 CFR 830</a>		
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Regulations	NTSB Part 830	Incident Reports
Regulations	NTSB Part 830	Preservation of Aircraft Wreckage
<b>PLT372</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Annual Inspection
<b>PLT373</b> <a href="#">14 CFR 91</a>		
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<b>PLT375</b> <a href="#">14 CFR 91</a>		
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<b>PLT376</b> <a href="#">Aeronautical Information Manual</a>		
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<b>PLT377</b> <a href="#">14 CFR 91</a>		
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<b>PLT381</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Altimeter Settings
<b>PLT384</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Seat Belts
<b>PLT387</b> <a href="#">14 CFR 61</a>		
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<b>PLT393</b> <a href="#">14 CFR 91</a>		
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<b>PLT401</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	PIC Responsibility / Authority
<b>PLT403</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	ATC Clearances
<b>PLT411</b> <a href="#">14 CFR 61</a>		
Regulations	14CFR Part 61	PIC Recent Flight Experience



<b>PLT413</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Fuel Requirements
<b>PLT431</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Formation Flight
<b>PLT442</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT444</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	PIC Responsibility / Authority
<b>PLT445</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Airport Operations	Preflight	Pilot Responsibility
<b>PLT446</b> <a href="#">14 CFR 43</a> Regulations	14CFR Part 43	Preventive Maintenance
<b>PLT447</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Medical Certificates
<b>PLT448</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Privileges and Limitations
<b>PLT449</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Flight Review
<b>PLT463</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Alcohol or Drugs
<b>PLT464</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	PIC Responsibility / Authority
<b>PLT465</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Seat Belts
<b>PLT467</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Flight Rules General
<b>PLT470</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Coriolis Effect
Aerodynamics	Principles of Flight	Retreating Blade Stall
Aircraft Systems	Flight Controls / Primary	Tail rotor
<b>PLT478</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Powerplant	Ignition
Aircraft Systems	Powerplant	Magnetos
<b>PLT486</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Flight Operations	Takeoff	Helicopter
<b>PLT493</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture
<b>PLT495</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Thunderstorms
<b>PLT509</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Wake Turbulence	Strength
Airport Operations	Wake Turbulence	Vortex Avoidance
Flight Operations	Wake Turbulence	Vortex Behavior
<b>PLT511</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Fronts
Weather	Meteorology	Stability

**PLT512**[AC 00-6 Aviation Weather](#)

Weather	Meteorology	Fog
Weather	Meteorology	Moisture
Weather	Meteorology	Temperature

**PLT514**[AC 00-45 Aviation Weather Services](#)

Weather	Aeronautical Weather Forecasts	Terminal Aerodrome Forecasts (TAF)
Weather	Aeronautical Weather Reports	Weather Briefings

[Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25](#)

Weather	Aeronautical Weather Reports	Weather Briefings
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**PLT515**[Aeronautical Information Manual](#)

Weather	Aeronautical Weather Reports	En Route Flight Advisory Service (EFAS)
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**PLT516**[AC 00-6 Aviation Weather](#)

Weather	Meteorology	Wind
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**PLT518**[Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25](#)

Weather	Meteorology	Windshear
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## APPENDIX 9

### PRIVATE PILOT—ROTORCRAFT/GYROPLANE (PRG)

**1. A special VFR clearance authorizes the pilot of an aircraft to operate VFR while within Class D airspace when the visibility is**

- A—less than 1 mile and the ceiling is less than 1,000 feet.
- B—at least 1 mile and the aircraft can remain clear of clouds.
- C—at least 3 miles and the aircraft can remain clear of clouds.

*Answer: B.*

*Learning Statement: Recall regulations—Air Traffic Control authorization/clearances.*

**2. High airspeeds, particularly in turbulent air, should be avoided primarily because of the possibility of**

- A—an abrupt pitchup.
- B—retreating blade stall.
- C—a low-frequency vibration developing.

*Answer: B.*

*Learning Statement: Recall rotor system—types/components/operating principles/characteristics.*

**3. What measurement can be used to determine the stability of the atmosphere?**

- A—Atmospheric pressure.
- B—Actual lapse rate.
- C—Surface temperature.

*Answer: B.*

*Learning Statement: Recall Earth's atmosphere—layers/characteristics/solar energy.*

**4. In addition to a valid Airworthiness Certificate, what documents or records must be aboard an aircraft during flight?**

- A—Aircraft engine and airframe logbooks, and owner's manual.
- B—Radio operator's permit, and repair and alteration forms.
- C—Operating limitations and Registration Certificate.

*Answer: C.*

*Learning Statement: Recall regulations—documents to be carried on aircraft during flight.*

**5. VFR approaches to land at night should be accomplished**

- A—at a higher airspeed.
- B—with a steeper descent.
- C—the same as during daytime.

*Answer: C.*

*Learning Statement: Recall approach/landing/taxiing techniques.*

## APPENDIX 9

### PRIVATE PILOT—ROTORCRAFT/GYROPLANE (PRG)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
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<b>PLT013</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Crosswind
<b>PLT021</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Computations
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Weight and Balance	Center of Gravity	Computations
<b>PLT023</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altimeter
<b>PLT026</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT027</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Aerodynamics	Principles of Flight	Coning
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a> Airspace	Controlled	Class B
<b>PLT041</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altimeter
<b>PLT044</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Uncontrolled	Radio Communications
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT064</b> <a href="#">Aeronautical Information Manual</a> Airspace	Other	Military Training Routes
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Aeronautical Charts
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<b>PLT072</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
<b>PLT075</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Weather Depiction Charts
<b>PLT077</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Marking/Signs	Airport Markings
Airport Operations	Marking/Signs	Displaced Threshold
<b>PLT090</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	VOR
<b>PLT091</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	ADF / NDB
<b>PLT097</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Human Factors	Aeromedical Factors	Carbon Monoxide Poisoning

<b>PLT101</b>		
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT115</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Ignition
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<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
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<b>PLT124</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Performance	Computations	Density Altitude
Aircraft Performance	Computations	Landing Distance
<b>PLT131</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
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Regulations	14CFR Part 91	Class D Operations
<b>PLT167</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
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<b>PLT168</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aerodynamics	Principles of Flight	Angle of Attack
<b>PLT190</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Carburetor
<b>PLT199</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
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<b>PLT204</b>		
<a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Communications	Contact Procedures
<b>PLT226</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Fog
<b>PLT242</b>		
<a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a>		
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<b>PLT249</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Carburetor
<b>PLT253</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Electric Fuel Pump

<b>PLT265</b> <a href="#">Rotorcraft Flying Handbook, FAA-H-8083-21</a> Flight Operations	Emergency Procedures	Ground Resonance
<b>PLT274</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Icing
<b>PLT284</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	Winds / Temperatures Aloft Forecast
<b>PLT289</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Weather Depiction Charts
<b>PLT290</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	AIRMETS/SIGMETS
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<b>PLT301</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture
<b>PLT324</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Powerplant	Oil System
<b>PLT337</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Pitot / Static	Blockage
<b>PLT342</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Powerplant	Mixture Control
	Powerplant	Oil System
<b>PLT345</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Pressure
<b>PLT366</b> <a href="#">49 CFR 830</a> Regulations	NTSB Part 830	Immediate Notification to NTSB
	NTSB Part 830	Incident Reports
<b>PLT371</b> <a href="#">14 CFR 1</a> Regulations	14CFR Part 1	Certification of Aircraft
	14CFR Part 1	Certification of Airmen
<b>PLT373</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Aircraft Operating Limitations
<b>PLT376</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Special VFR
<b>PLT393</b> <a href="#">Aeronautical Information Manual</a> Airspace	Special Use	MOA
<b>PLT399</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Medical Certificates
<b>PLT414</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Right-of-Way
<b>PLT431</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Formation Flight
<b>PLT442</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT444</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	PIC Responsibility / Authority
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Airport Operations	Preflight	Pilot Responsibility

<b>PLT445</b> <a href="#">Aeronautical Information Manual</a> Weather	Aeronautical Weather Reports	Weather Briefings
<b>PLT446</b> <a href="#">14 CFR 43</a> Regulations	14CFR Part 43	Preventive Maintenance
<b>PLT449</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Flight Review
<b>PLT478</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Powerplant	Ignition
Aircraft Systems	Powerplant	Magnetos
<b>PLT493</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture
<b>PLT506</b> <a href="#">14 CFR 1</a> Regulations	14CFR Part 1	V Speeds
<b>PLT509</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Wake Turbulence	Strength
Airport Operations	Wake Turbulence	Vortex Avoidance
<b>PLT512</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Fog
<b>PLT514</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weather	Aeronautical Weather Reports	Weather Briefings
<b>PLT518</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weather	Meteorology	Windshear





## APPENDIX 10 PRIVATE PILOT—GLIDER (PGL)

**1. The minimum allowable strength of a towline used for an aerotow of a glider having a certificated gross weight of 700 pounds is**

- A—560 pounds.
- B—700 pounds.
- C—1,000 pounds.

*Answer: A.*

*Learning Statement: Recall towrope—strength/safety links/positioning.*

**2. A sailplane has a best glide ratio of 23:1. How many feet will the glider lose in 8 nautical miles?**

- A—1,840 feet.
- B—2,100 feet.
- C—2,750 feet.

*Answer: B.*

*Learning Statement: Interpret information on a Glider Performance Graph.*

**3. What cloud types would indicate convective turbulence?**

- A—Cirrus clouds.
- B—Nimbostratus clouds.
- C—Towering cumulus clouds.

*Answer: C.*

*Learning Statement: Recall clouds—types/formation/resulting weather.*

**4. When telephoning a weather briefing facility for preflight weather information, pilots should**

- A—identify themselves as pilots.
- B—tell the number of hours they have flown within the preceding 90 days.
- C—state the number of occupants on board and the color of the aircraft.

*Answer: A.*

*Learning Statement: Recall weather reporting systems—briefings/forecasts/reports.*

**5. What minimum upward current must a glider encounter to maintain altitude?**

- A—At least 2 feet per second.
- B—The same as the glider's sink rate.
- C—The same as the adjacent down currents.

*Answer: B.*

*Learning Statement: Recall glider performance—speed/distance/ballast/lift/drag.*

## APPENDIX 10

### PRIVATE PILOT—GLIDER (PGL)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT006</b>		
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>		
Flight Operations	Soaring Techniques	Performance
<b>PLT012</b>		
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>		
Navigation	Dead Reckoning	Calculations
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
<b>PLT021</b>		
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>		
Weight and Balance	Center of Gravity	Computations
<b>PLT023</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Altitude
<b>PLT026</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT039</b>		
<a href="#">Aeronautical Information Manual</a>		
Airport Operations	Marking/Signs	Segmented Circle
<b>PLT040</b>		
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
<b>PLT041</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Altimeter
<b>PLT044</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Two-Way Radio Communications
<b>PLT054</b>		
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>		
Aerodynamics	Principles of Flight	Performance
Flight Operations	X-C	Performance
<b>PLT059</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT064</b>		
<a href="#">14 CFR 91</a>		
Navigation	Pilotage	Visibility & Cloud Clearance
<a href="#">Aeronautical Information Manual</a>		
Airspace	Controlled	Class E
Airspace	Other	Military Training Routes
Airspace	Special Use	MOA
<a href="#">Airport/Facility Directory</a>		
Publications	Airport Facility Directory	Parachute Jumping
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>		
Weather	Meteorology	Convergence
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
<b>PLT075</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Weather Depiction Charts

<b>PLT077</b>			
<a href="#">Aeronautical Information Manual</a>			
Airport Operations	Marking/Signs		Tetrahedron
Airport Operations	Marking/Signs		Traffic Pattern
<b>PLT101</b>			
<a href="#">14 CFR 91</a>			
Navigation	Pilotage		Visibility & Cloud Clearance
<a href="#">Aeronautical Information Manual</a>			
Navigation	Pilotage		Flight Plans
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Navigation	Pilotage		Calculations
<a href="#">Sectional Aeronautical Chart</a>			
Navigation	Pilotage		Aeronautical Charts
Navigation	Pilotage		Airspace
Publications	Aeronautical Charts		Sectionals
<b>PLT116</b>			
<a href="http://www.faa.gov/regulations_policies/advisory_circulars/">http://www.faa.gov/regulations_policies/advisory_circulars/</a>			
Publications	Advisory Circulars		Obtaining AC's
<b>PLT120</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Thunderstorms
<b>PLT131</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Performance	Atmospheric Effects		Ground Effect
<b>PLT132</b>			
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>			
Flight Operations	X-C		Performance
<b>PLT141</b>			
<a href="#">Aeronautical Information Manual</a>			
Airport Operations	Lighting		Rotating Beacon
Airport Operations	Marking/Signs		Direction Signs
Airport Operations	Marking/Signs		Runway
Airport Operations	Marking/Signs		Taxiway
<b>PLT161</b>			
<a href="#">14 CFR 71</a>			
Regulations	14CFR Part 71		Airspace
<a href="#">Aeronautical Information Manual</a>			
Airspace	Controlled		Class C
Airspace	Controlled		Class D
<a href="#">Airport/Facility Directory</a>			
Publications	Airport Facility Directory		Airport Remarks
<a href="#">Sectional Aeronautical Chart</a>			
Airspace	Controlled		Class C
Airspace	Uncontrolled		Class G
<b>PLT163</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Class D Operations
<b>PLT165</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Temperature
<b>PLT166</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT167</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT168</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aerodynamics	Principles of Flight		Angle of Attack
<b>PLT173</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Stability
<b>PLT185</b>			
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>			
Aerodynamics	Principles of Flight		Turns

<b>PLT192</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Clouds
Weather	Meteorology		Stability
<b>PLT194</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<b>PLT200</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Navigation	Pilotage		Calculations
<b>PLT206</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Pressure
<b>PLT215</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Compass
<b>PLT235</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aerodynamics	Stability / Control		Rudder
<b>PLT241</b>			
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>			
Aerodynamics	Principles of Flight		Horizontal Lift
<b>PLT245</b>			
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>			
Aerodynamics	Stall / Spins		Spins
<b>PLT289</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Weather Depiction Charts
<b>PLT290</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Aeronautical Weather Forecasts		AIRMETS/SIGMETS
Weather	Hazardous		Thunderstorms
<a href="#">Aeronautical Information Manual</a>			
Weather	Aeronautical Weather Forecasts		SIGMETS
<b>PLT301</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Temperature
<b>PLT304</b>			
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>			
Flight Operations	Launch Procedures		Aerotow Takeoff
Flight Operations	Launch Procedures		Climbing Turns
<a href="#">Soaring Flight Manual</a>			
Flight Operations	Launch Procedures		Porpoising
<b>PLT311</b>			
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>			
Aerodynamics	Load Factor		Airspeed
<b>PLT316</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Aeronautical Weather Reports		Aviation Routine Weather Reports (METAR)
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Aeronautical Weather Reports		Aviation Routine Weather Reports (METAR)
<b>PLT328</b>			
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>			
Weight and Balance	Aircraft Loading		Ballast
<b>PLT332</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<b>PLT334</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Human Factors	Aeromedical Factors		Spatial Disorientation
<b>PLT337</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Pitot / Static		Blockage
<b>PLT345</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Pressure

<b>PLT366</b>		
<a href="#">49 CFR 830</a>		
Regulations	NTSB Part 830	Immediate Notification to NTSB
Regulations	NTSB Part 830	Incident Reports
Regulations	NTSB Part 830	Preservation of Aircraft Wreckage
<b>PLT369</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Aerobatic Flight
<b>PLT371</b>		
<a href="#">14 CFR 1</a>		
Regulations	14CFR Part 1	Certification of Airmen
<b>PLT373</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Aircraft Operating Limitations
<b>PLT376</b>		
<a href="#">Aeronautical Information Manual</a>		
Airspace	Other	Wild Life Refuges
<b>PLT377</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Airworthiness Certificate
<b>PLT381</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Altimeter Settings
<b>PLT383</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Minimum Safe Altitudes
<b>PLT387</b>		
<a href="#">14 CFR 61</a>		
Regulations	14CFR Part 61	Change of Address
<b>PLT393</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Airspace
<a href="#">Aeronautical Information Manual</a>		
Airspace	Special Use	MOA
<b>PLT399</b>		
<a href="#">14 CFR 61</a>		
Regulations	14CFR Part 61	Inspection of Certificate
<b>PLT407</b>		
<a href="#">14 CFR 61</a>		
Regulations	14CFR Part 61	PIC Recent Flight Experience
Regulations	14CFR Part 61	Privileges and Limitations
<b>PLT411</b>		
<a href="#">14 CFR 61</a>		
Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT414</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Right-of-Way
<b>PLT430</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Minimum Safe Altitudes
<b>PLT444</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	PIC Responsibility / Authority
<b>PLT445</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Weather Briefings
<a href="#">Aeronautical Information Manual</a>		
Weather	Aeronautical Weather Reports	Weather Briefings
<b>PLT446</b>		
<a href="#">14 CFR 43</a>		
Regulations	14CFR Part 43	Preventive Maintenance
<b>PLT447</b>		
<a href="#">14 CFR 61</a>		
Regulations	14CFR Part 61	Medical Certificates
<b>PLT448</b>		
<a href="#">14 CFR 61</a>		
Regulations	14CFR Part 61	Privileges and Limitations

<b>PLT449</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Flight Review
<b>PLT463</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Alcohol or Drugs
<b>PLT464</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	PIC Responsibility / Authority
<b>PLT465</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Seat Belts
<b>PLT467</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airspace
<b>PLT467</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Flight Rules General
<b>PLT468</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airspace
<b>PLT493</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture
<b>PLT494</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Thermals
<b>PLT495</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Thunderstorms
<b>PLT502</b> <a href="#">Glider Flying Handbook, FAA-H-8083-13</a> Flight Operations	Launch Procedures	Inflight Aerotow Visual Signals
Flight Operations	Launch Procedures	Launch & Recovery Hand Signals
Flight Operations	Launch Procedures	Tow Speeds
<b>PLT509</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Wake Turbulence	Strength
Airport Operations	Wake Turbulence	Vortex Avoidance
Flight Operations	Wake Turbulence	Vortex Avoidance
Flight Operations	Wake Turbulence	Vortex Behavior
<b>PLT511</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Stability
<b>PLT512</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture
Weather	Meteorology	Stability
Weather	Meteorology	Temperature
<b>PLT514</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	Aviation Area Forecasts (FA)
Weather	Aeronautical Weather Reports	Weather Briefings
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weather	Aeronautical Weather Reports	Weather Briefings
<b>PLT516</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Wind

## APPENDIX 11

### PRIVATE PILOT—BALLOON—HOT AIR (PBH)

**1. Prior to becoming certified as a private pilot with a balloon rating, the pilot must have at least**

A—passed a third-class medical exam.

B—obtained a statement from a designated medical examiner.

C—made a statement certifying that he/she has no known medical deficiency that would make him/her unable to act as pilot.

*Answer: C.*

*Learning Statement: Recall regulations—pilot qualifications/privileges/responsibilities.*

**2. If ample propane is available, within which temperature range will propane vaporize sufficiently to provide enough pressure for burner operation during flight?**

A—0 to 30 °F.

B—10 to 30 °F.

C—30 to 90 °F.

*Answer: C.*

*Learning Statement: Recall fuel characteristics/contaminants/additives/leaks.*

**3. The conditions necessary for the formation of cumulonimbus clouds are a lifting action and**

A—unstable air containing an excess of condensation nuclei.

B—unstable, moist air.

C—either stable or unstable air.

*Answer: B.*

*Learning Statement: Recall thunderstorms—types/characteristics/formation/hazards.*

**4. When telephoning a weather briefing facility for preflight weather information, pilots should state the**

A—full name and address of the pilot in command.

B—intended route, destination, and type of aircraft.

C—radio frequencies to be used.

*Answer: B.*

*Learning Statement: Recall weather reporting systems—briefings/forecasts/reports.*

**5. When telephoning a weather briefing facility for preflight weather information, pilots should state**

A—the full name and address of the formation commander.

B—that they possess a current pilot certificate.

C—whether they intend to fly VFR only.

*Answer: C.*

*Learning Statement: Recall weather reporting systems—briefings/forecasts/reports.*

# APPENDIX 11

## PRIVATE PILOT—BALLOON—HOT AIR (PBH)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT023</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Altitude
<b>PLT026</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT040</b>		
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
<b>PLT041</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Altimeter
<b>PLT044</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Two-Way Radio Communications
<b>PLT057</b>		
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>		
Aircraft Performance	Computations	Altitude
<b>PLT059</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT063</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Radar Summary
<b>PLT064</b>		
<a href="#">Aeronautical Information Manual</a>		
Airspace	Controlled	Class E
Airspace	Other	Military Training Routes
Airspace	Special Use	MOA
<a href="#">Airport/Facility Directory</a>		
Publications	Airport Facility Directory	Parachute Jumping
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>		
Navigation	Pilotage	Aeronautical Charts
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Flight Plan
<b>PLT068</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Significant Weather Prognostic Charts
<b>PLT071</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Weather Depiction Charts
<b>PLT072</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
<b>PLT075</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Weather Depiction Charts
<b>PLT101</b>		
<a href="#">14 CFR 91</a>		
Navigation	Pilotage	Visibility & Cloud Clearance
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals



<b>PLT114</b>			
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Aircraft Systems	Structures		Balloon
<b>PLT141</b>			
<a href="#">Aeronautical Information Manual</a>			
Airport Operations	Lighting		Rotating Beacon
<b>PLT161</b>			
<a href="#">14 CFR 71</a>			
Regulations	14CFR Part 71		Airspace
<a href="#">Aeronautical Information Manual</a>			
Airspace	Controlled		Class C
Airspace	Controlled		Class D
<a href="#">Airport/Facility Directory</a>			
Publications	Airport Facility Directory		Airport Remarks
<a href="#">Sectional Aeronautical Chart</a>			
Airspace	Controlled		Class C
Airspace	Uncontrolled		Class G
<b>PLT163</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Class D Operations
<b>PLT165</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Temperature
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT166</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT170</b>			
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Flight Operations	Approach		High-Wind Landing
<b>PLT173</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Stability
<b>PLT177</b>			
<a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a>			
Weight and Balance	Aircraft Loading		Definitions
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Flight Operations	Cruise		Altitude
Flight Operations	Emergency Procedures		Balloon
Flight Operations	Landing		Touchdown
<b>PLT179</b>			
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Aerodynamics	Principles of Flight		Performance
<b>PLT181</b>			
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Aerodynamics	Principles of Flight		Physics
<b>PLT184</b>			
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Flight Operations	Normal Procedures		Preflight
<b>PLT192</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Stability
Weather	Meteorology		Thunderstorms
<b>PLT194</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Human Factors	Aeromedical Factors		Spatial Disorientation
<b>PLT200</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Navigation	Pilotage		Calculations
<b>PLT226</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Fog
Weather	Meteorology		Icing

<b>PLT237</b>			
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Flight Operations	Launch Procedures		False Lift
<a href="#">Balloon Safety Tips - FAA-P-8740-39</a>			
Flight Operations	Launch Procedures		False Lift
<b>PLT251</b>			
<a href="#">Balloon Ground School</a>			
Flight Operations	Emergency Procedures		Balloon
<b>PLT254</b>			
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Aircraft Systems	Fuel/Oil		Fueling
Aircraft Systems	Fuel/Oil		Tanks
<b>PLT289</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Weather Depiction Charts
<b>PLT290</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Aeronautical Weather Forecasts		AIRMETS/SIGMETS
Weather	Hazardous		Thunderstorms
<a href="#">Aeronautical Information Manual</a>			
Weather	Aeronautical Weather Forecasts		SIGMETS
<b>PLT301</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Temperature
<b>PLT353</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Radar Summary
<b>PLT366</b>			
<a href="#">49 CFR 830</a>			
Regulations	NTSB Part 830		Immediate Notification to NTSB
Regulations	NTSB Part 830		Incident Reports
Regulations	NTSB Part 830		Preservation of Aircraft Wreckage
<b>PLT372</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Aircraft Return to Service
Regulations	14CFR Part 91		Annual Inspection
<b>PLT373</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Aircraft Operating Limitations
<b>PLT374</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airworthiness Certificate
<b>PLT375</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Aircraft Return to Service
<b>PLT376</b>			
<a href="#">Aeronautical Information Manual</a>			
Airspace	Other		Wild Life Refuges
<b>PLT377</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airworthiness Certificate
<b>PLT387</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Change of Address
<b>PLT393</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airspace
<a href="#">Aeronautical Information Manual</a>			
Airspace	Special Use		MOA
<b>PLT399</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Inspection of Certificate
<b>PLT400</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airworthiness Certificate

<b>PLT411</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	PIC Recent Flight Experience
<b>PLT414</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Right-of-Way
<b>PLT426</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Aircraft Return to Service
<b>PLT427</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Medical Certificates
<b>PLT434</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airspace
<b>PLT444</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	PIC Responsibility / Authority
<b>PLT445</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Weather Briefings
<a href="#">Aeronautical Information Manual</a> Weather	Aeronautical Weather Reports	Weather Briefings
<b>PLT449</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Flight Review
<b>PLT463</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Drugs / Alcohol
<a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Alcohol or Drugs
<b>PLT467</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Flight Rules General
<b>PLT495</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Thunderstorms
<b>PLT511</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Stability
<b>PLT512</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Fog
Weather	Meteorology	Moisture
Weather	Meteorology	Stability
Weather	Meteorology	Temperature
<b>PLT514</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	Aviation Area Forecasts (FA)
Weather	Aeronautical Weather Reports	Weather Briefings
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weather	Aeronautical Weather Reports	Weather Briefings
<b>PLT516</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Wind

## APPENDIX 12

### PRIVATE PILOT—BALLOON—GAS (PBG)

**1. The person directly responsible for the pre-launch briefing of passengers for a flight is the**

- A—safety officer.
- B—pilot in command.
- C—ground crewmember.

*Answer: B.*

*Learning Statement: Recall balloon flight operations—launch/landing.*

**2. What is the relationship of false lift with the wind?**

- A—False lift increases as the wind accelerates the balloon.
- B—False lift does not exist if the surface winds are calm.
- C—False lift decreases as the wind accelerates the balloon.

*Answer: C.*

*Learning Statement: Recall balloon—hot air/lift/false lift/characteristics.*

**3. What conditions are necessary for the formation of thunderstorms?**

- A—High humidity, lifting force, and unstable conditions.
- B—High humidity, high temperature, and cumulus clouds.
- C—Lifting force, moist air, and extensive cloud cover.

*Answer: A.*

*Learning Statement: Recall thunderstorms—types/characteristics/formation/hazards.*

**4. When telephoning a weather briefing facility for preflight weather information, pilots should state**

- A—the full name and address of the formation commander.
- B—that they possess a current pilot certificate.
- C—whether they intend to fly VFR only.

*Answer: C.*

*Learning Statement: Recall weather reporting systems—briefings/forecasts/reports.*

**5. The minimum size a launch site should be is at least**

- A—twice the height of the balloon.
- B—100 feet for every 1 knot of wind.
- C—500 feet on the downwind side.

*Answer: B.*

*Learning Statement: Recall balloon flight operations—launch/landing.*

## APPENDIX 12

### PRIVATE PILOT—BALLOON—GAS (PBG)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
<b>PLT023</b> <a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Altitude
<b>PLT040</b> <a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
<b>PLT041</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Altimeter
<b>PLT044</b> <a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Two-Way Radio Communications
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT064</b> <a href="#">Aeronautical Information Manual</a>		
Airspace	Other	Military Training Routes
Airspace	Special Use	MOA
<a href="#">Airport/Facility Directory</a>		
Publications	Airport Facility Directory	Parachute Jumping
<a href="#">Glider Flying Handbook, FAA-H-8083-13</a>		
Navigation	Pilotage	Aeronautical Charts
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Flight Plan
<b>PLT071</b> <a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Weather Depiction Charts
<b>PLT072</b> <a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
<b>PLT098</b> <a href="#">Aeronautical Information Manual</a>		
Human Factors	Aeromedical Factors	Fitness for Flight
<b>PLT101</b> <a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT114</b> <a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>		
Aircraft Systems	Structures	Balloon
<b>PLT116</b> <a href="http://www.faa.gov/regulations_policies/advisory_circulars/">http://www.faa.gov/regulations_policies/advisory_circulars/</a>		
Publications	Advisory Circulars	Obtaining AC's
Publications	Advisory Circulars	Subject Numbering

<b>PLT161</b>			
<a href="#">14 CFR 71</a>			
Regulations	14CFR Part 71		Airspace
<a href="#">Aeronautical Information Manual</a>			
Airspace	Controlled		Class C
Airspace	Controlled		Class D
<a href="#">Airport/Facility Directory</a>			
Publications	Airport Facility Directory		Airport Remarks
<a href="#">Sectional Aeronautical Chart</a>			
Airspace	Controlled		Class C
Airspace	Uncontrolled		Class G
<b>PLT163</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Class D Operations
<b>PLT165</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT166</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Flight Instruments		Altimeter
<b>PLT173</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Stability
<b>PLT179</b>			
<a href="#">Balloon Flying Handbook, FAA-H-8083-11</a>			
Aerodynamics	Principles of Flight		Performance
<b>PLT192</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Stability
<b>PLT194</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Human Factors	Aeromedical Factors		Spatial Disorientation
<b>PLT208</b>			
<a href="#">Airship Aerodynamics Technical Manual</a>			
Flight Operations	Emergency Procedures		Declare an Emergency
<b>PLT226</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Fog
<b>PLT237</b>			
<a href="#">Balloon Safety Tips - FAA-P-8740-39</a>			
Flight Operations	Launch Procedures		False Lift
<b>PLT289</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Weather Depiction Charts
<b>PLT301</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Temperature
<b>PLT330</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<b>PLT332</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<b>PLT334</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Human Factors	Aeromedical Factors		Spatial Disorientation
<b>PLT345</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Weather	Meteorology		Pressure
<b>PLT353</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Radar Summary

<b>PLT366</b> <a href="#">49 CFR 830</a> Regulations	NTSB Part 830	Immediate Notification to NTSB
<b>PLT373</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Aircraft Operating Limitations
<b>PLT376</b> <a href="#">Aeronautical Information Manual</a> Airspace	Other	Wild Life Refuges
<b>PLT377</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airworthiness Certificate
<b>PLT387</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Change of Address
<b>PLT389</b> <a href="#">Balloon Flying Handbook, FAA-H-8083-11</a> Flight Operations	Launch Procedures	Location and Obstacles
<b>PLT393</b> <a href="#">Aeronautical Information Manual</a> Airspace	Special Use	MOA
Airspace	Special Use	Restricted Areas
<b>PLT395</b> <a href="#">14 CFR 1</a> Regulations	14CFR Part 1	Night
<b>PLT399</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Pilot Certificate
<b>PLT427</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Medical Certificates
<b>PLT444</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	PIC Responsibility / Authority
<a href="#">Aeronautical Information Manual</a> Airspace	Special Use	Alert Areas
<b>PLT445</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	Winds / Temperatures Aloft Forecast
<b>PLT448</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Privileges and Limitations
<b>PLT449</b> <a href="#">14 CFR 61</a> Regulations	14CFR Part 61	Flight Review
<b>PLT467</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Flight Rules General
<b>PLT468</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Airspace
<b>PLT511</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Fronts
Weather	Meteorology	Stability
<b>PLT512</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Moisture
Weather	Meteorology	Temperature
<b>PLT514</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Weather Briefings
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weather	Aeronautical Weather Reports	Weather Briefings
<b>PLT516</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Wind





## APPENDIX 13

### PRIVATE PILOT—LIGHTER-THAN-AIR—AIRSHIP (PLA)

**1. An aircraft's annual inspection was performed on July 12, this year. The next annual inspection will be due no later than**

- A—July 1, next year.
- B—July 13, next year.
- C—July 31, next year.

*Answer: C.*

*Learning Statement: Recall regulations—maintenance reports/records/entries.*

**2. Under which condition will an airship float in the air?**

- A—When buoyant force equals horizontal equilibrium existing between propeller thrust and airship drag.
- B—When buoyant force is less than the difference between airship weight and the weight of the air volume being displaced.
- C—When buoyant force equals the difference between airship weight and the weight of the air volume being displaced.

*Answer: C.*

*Learning Statement: Recall balloon—hot air/physics.*

**3. Ceiling is defined as the height above the Earth's surface of the**

- A—lowest reported obscuration and the highest layer of clouds reported as overcast.
- B—lowest layer of clouds or obscuring phenomena reported as broken, overcast, and not classified as thin or partial.
- C—lowest layer of clouds reported as scattered, broken, or thin.

*Answer: B.*

*Learning Statement: Define ceiling.*

**4. When the course deviation indicator (CDI) needle is centered during an omni receiver check using a VOR test signal (VOT), the omnibearing selector (OBS) and the TO/FROM indicator should read**

- A—180° FROM, only if the pilot is due north of the VOT.
- B—0° TO or 180° FROM, regardless of the pilot's position from the VOT.
- C—0° FROM or 180° TO, regardless of the pilot's position from the VOT.

*Answer: C.*

*Learning Statement: Recall radio—VOR/VOT.*

# APPENDIX 13

## PRIVATE PILOT—LIGHTER-THAN-AIR—AIRSHIP (PLA)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT005</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
<b>PLT014</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	ADF / NDB
<b>PLT019</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Pressure Altitude
<b>PLT021</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Center of Gravity	Computations
<b>PLT023</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Pressure
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altitude
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a> Airspace	Controlled	Class B
<b>PLT044</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Two-Way Radio Communications
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT063</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Radar Summary
<b>PLT064</b> <a href="#">14 CFR 91</a> Navigation	Pilotage	Visibility & Cloud Clearance
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Aeronautical Charts
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
<b>PLT068</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Significant Weather Prognostic Charts
<b>PLT075</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Weather Depiction Charts
<b>PLT076</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Forecasts	Winds / Temperatures Aloft Forecast
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weather	Charts/Maps	Winds and Temperature Aloft
<b>PLT090</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	VOR
<b>PLT091</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Radio	ADF / NDB
<b>PLT101</b> <a href="#">14 CFR 91</a> Navigation	Pilotage	Visibility & Cloud Clearance
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals

<b>PLT115</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Fueling
<b>PLT116</b>		
<a href="http://www.faa.gov/regulations_policies/advisory_circulars/Publications">http://www.faa.gov/regulations_policies/advisory_circulars/Publications</a>	Advisory Circulars	Subject Numbering
<b>PLT119</b>		
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Flight Operations	Collision Avoidance	Aircraft Position Lights
<b>PLT124</b>		
<a href="#">Airship Aerodynamics Technical Manual</a>		
Aerodynamics	Principles of Flight	Forces Acting on Aircraft
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Performance	Computations	Density Altitude
<b>PLT133</b>		
<a href="#">Airship Aerodynamics Technical Manual</a>		
Flight Operations	Maneuvers	Basic
<b>PLT151</b>		
<a href="#">Navy Lighter-Than-Air Airship Flight Manual</a>		
Aerodynamics	Principles of Flight	Forces Acting on Aircraft
<b>PLT153</b>		
<a href="#">Airship Aerodynamics Technical Manual</a>		
Aircraft Performance	Limitations	Airship
Flight Operations	Landing	Descents
Flight Operations	Maneuvers	Advanced
Flight Operations	Maneuvers	Basic
Flight Operations	Normal Procedures	Buoyancy
Weight and Balance	Aircraft Loading	Ballast
<b>PLT161</b>		
<a href="#">14 CFR 71</a>		
Regulations	14CFR Part 71	Airspace
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Airspace
<a href="#">Aeronautical Information Manual</a>		
Aircraft Systems	Avionics	Transponder
Airport Operations	Tower Controlled	Special VFR
Airspace	Controlled	Class C
Airspace	Controlled	Class D
<a href="#">Airport/Facility Directory</a>		
Publications	Airport Facility Directory	Airport Remarks
<b>PLT163</b>		
<a href="#">14 CFR 91</a>		
Regulations	14CFR Part 91	Class D Operations
<b>PLT165</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Temperature
<b>PLT173</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Stability
<b>PLT194</b>		
<a href="#">Aeronautical Information Manual</a>		
Human Factors	Aeromedical Factors	Fitness for Flight
<b>PLT208</b>		
<a href="#">Airship Aerodynamics Technical Manual</a>		
Flight Operations	Emergency Procedures	Declare an Emergency
<b>PLT215</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Flight Instruments	Compass
<b>PLT221</b>		
<a href="#">Airship Aerodynamics Technical Manual</a>		
Aerodynamics	Performance	Airship
Flight Operations	Approach	Landing
Flight Operations	Takeoff	Airship

<b>PLT226</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Fog
Weather	Meteorology		Icing
<b>PLT249</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Mixture Control
<b>PLT253</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Mixture Control
<b>PLT289</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Weather Depiction Charts
<b>PLT301</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Moisture
<b>PLT328</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Weight and Balance	Aircraft Loading		Equipment List
<b>PLT332</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<b>PLT343</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Aircraft Systems	Powerplant		Mixture Control
<b>PLT345</b>			
<a href="#">AC 00-6 Aviation Weather</a>			
Weather	Meteorology		Pressure
<b>PLT353</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Radar Summary
<b>PLT366</b>			
<a href="#">49 CFR 830</a>			
Regulations	NTSB Part 830		Immediate Notification to NTSB
Regulations	NTSB Part 830		Incident Reports
<b>PLT371</b>			
<a href="#">14 CFR 1</a>			
Regulations	14CFR Part 1		Certification of Airmen
<b>PLT383</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Minimum Safe Altitudes
<b>PLT395</b>			
<a href="#">14 CFR 1</a>			
Regulations	14CFR Part 1		Night
<b>PLT399</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Inspection of Certificate
<b>PLT414</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Right-of-Way
<b>PLT430</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Minimum Safe Altitudes
<b>PLT440</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		PIC Responsibility / Authority
<b>PLT444</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		PIC Responsibility / Authority
<b>PLT446</b>			
<a href="#">14 CFR 43</a>			
Regulations	14CFR Part 43		Preventive Maintenance
<b>PLT463</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Drugs / Alcohol
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Alcohol or Drugs

<b>PLT506</b> <a href="#">14 CFR 1</a> Regulations	14CFR Part 1	V Speeds
<b>PLT511</b> <a href="#">AC 00-6 Aviation Weather</a> Weather	Meteorology	Fronts
Weather	Meteorology	Stability
<b>PLT514</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weather	Aeronautical Weather Reports	Weather Briefings



## APPENDIX 14

### PRIVATE PILOT—POWERED PARACHUTE (PPP)

**1. Low-level turbulence can occur and icing can become hazardous in which type of fog?**

- A—Rain-induced fog.
- B—Upslope fog.
- C—Steam fog.

*Answer: A.*

*Learning Statement: Recall fog—types/formation/resulting weather.*

**2. Which incident requires an immediate notification to the nearest NTSB field office?**

- A—A forced landing due to engine failure.
- B—Landing gear damage, due to a hard landing.
- C—Flight control system malfunction or failure.

*Answer: C.*

*Learning Statement: Recall regulations - accident / incident reporting and preserving wreckage.*

**3. Prior to entering an Airport Advisory Area, a pilot should**

- A—monitor ATIS for weather and traffic advisories.
- B—contact approach control for vectors to the traffic pattern.
- C—contact the local FSS for airport and traffic advisories.

*Answer: C.*

*Learning Statement: Recall airport traffic patterns—entry procedures.*

**4. Most midair collision accidents occur during**

- A—hazy days.
- B—clear days.
- C—cloudy nights.

*Answer: B.*

*Learning Statement: Recall collision avoidance—scanning techniques.*

**5. Powered Parachute (PPC) encounters a gust of wind from the side**

- A—the PPC loses a lot of altitude.
- B—the PPC chute collapses and a force landing required.
- C—the PPC loses a little altitude.

*Answer: C.*

*Learning Statement: Recall forces acting on aircraft—stability/controllability.*

## APPENDIX 14

### PRIVATE PILOT—POWERED PARACHUTE (PPP)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT003</b> <a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a> Weight and Balance	Center of Gravity	Formulas
<b>PLT005</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
<b>PLT013</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Crosswind
<b>PLT019</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Pressure Altitude
<b>PLT021</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Weight and Balance	Aircraft Loading	Weight & Balance Charts
<b>PLT023</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Systems	Flight Instruments	Altitude
<b>PLT039</b> <a href="#">Aeronautical Information Manual</a> Airport Operations	Marking/Signs	Segmented Circle
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a> Airspace	Controlled	Class B
<b>PLT044</b> <a href="#">Aeronautical Information Manual</a> Airport Operations Flight Operations	Uncontrolled Collision Avoidance	Radio Communications Traffic Advisories
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Air Traffic Control Procedures	Communications	Self-Announce
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT061</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Pilot Weather Reports
<a href="#">Aeronautical Information Manual</a> Weather	Aeronautical Weather Reports	Pilot Weather Reports
<b>PLT064</b> <a href="#">14 CFR 91</a> Navigation	Pilotage	Visibility & Cloud Clearance
<a href="#">Aeronautical Information Manual</a> Airspace	Controlled	Class E
Airspace	Other	Military Training Routes
Navigation	Pilotage	Aeronautical Charts
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Aeronautical Charts
Publications	Aeronautical Charts	Sectionals
<b>PLT068</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Significant Weather Prognostic Charts
<b>PLT072</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)



<b>PLT075</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Charts/Maps	Weather Depiction Charts
<b>PLT076</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Forecasts	Winds / Temperatures Aloft Forecast
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Weather	Charts/Maps	Winds and Temperature Aloft
<b>PLT077</b>		
<a href="#">Aeronautical Information Manual</a>		
Airport Operations	Marking/Signs	Displaced Threshold
<b>PLT099</b>		
<a href="#">Aeronautical Information Manual</a>		
Flight Operations	Collision Avoidance	Vision in Flight
<b>PLT101</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a>		
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT103</b>		
<a href="#">AC 60-22 Aeronautical Decision Making</a>		
Human Factors	ADM	Hazardous Attitude
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Human Factors	ADM	Hazardous Attitude
<b>PLT104</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Human Factors	ADM	Operational Pitfalls
<b>PLT105</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Air Traffic Control Procedures	Communications	Radar Assistance
<b>PLT115</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Powerplant	Fueling
<b>PLT116</b>		
<a href="http://www.faa.gov/regulations_policies/advisory_circulars/">http://www.faa.gov/regulations_policies/advisory_circulars/</a>		
Publications	Advisory Circulars	Aquisition
Publications	Advisory Circulars	Subject Numbering
<b>PLT119</b>		
<a href="#">Aeronautical Information Manual</a>		
Flight Operations	Approach	Collision Avoidance
<b>PLT124</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Performance	Computations	Density Altitude
Aircraft Performance	Computations	Landing Distance
<b>PLT125</b>		
<a href="#">Aeronautical Information Manual</a>		
Flight Operations	Normal Procedures	Scan
<b>PLT128</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Icing
<b>PLT131</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Performance	Atmospheric Effects	Ground Effect
<b>PLT140</b>		
<a href="#">Aeronautical Information Manual</a>		
Airport Operations	LAHSO	Procedures & Responsibility

<b>PLT141</b>			
<a href="#">14 CFR 91</a>	Regulations	14CFR Part 91	Light Gun Signals
<a href="#">Aeronautical Information Manual</a>	Airport Operations	Lighting	Rotating Beacon
	Airport Operations	Marking/Signs	Runway
	Airport Operations	Marking/Signs	Taxiway
	Publications	AIM	Contents
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>	Airport Operations	Lighting	Taxiway
<b>PLT147</b>			
<a href="#">Aeronautical Information Manual</a>	Airport Operations	Lighting	VASI
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>	Flight Operations	Maneuvers	Ground Reference
<b>PLT150</b>			
<a href="#">Aeronautical Information Manual</a>	Airspace	Uncontrolled	Airport Advisory Areas
<b>PLT161</b>			
<a href="#">14 CFR 71</a>	Regulations	14CFR Part 71	Airspace
<a href="#">14 CFR 91</a>	Regulations	14CFR Part 91	Airspace
<a href="#">Aeronautical Information Manual</a>	Airspace	Controlled	Class C
	Airspace	Controlled	Class D
<a href="#">Airport/Facility Directory</a>	Publications	Airport Facility Directory	Airport Remarks
<a href="#">Sectional Aeronautical Chart</a>	Airspace	Controlled	Class C
	Airspace	Uncontrolled	Class G
<b>PLT162</b>			
<a href="#">Aeronautical Information Manual</a>	Airspace	Controlled	Class D
<b>PLT163</b>			
<a href="#">14 CFR 91</a>	Regulations	14CFR Part 91	Airspace
	Regulations	14CFR Part 91	Class D Operations
<b>PLT166</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>	Aircraft Systems	Flight Instruments	Altimeter
<b>PLT170</b>			
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>	Flight Operations	Landing	Roundout (Flare)
	Flight Operations	Landing	Touchdown
<b>PLT192</b>			
<a href="#">AC 00-6 Aviation Weather</a>	Weather	Meteorology	Clouds
<b>PLT194</b>			
<a href="#">AC 90-48 Pilots' Role in Collision Avoidance</a>	Flight Operations	Collision Avoidance	MidAir
<a href="#">Aeronautical Information Manual</a>	Air Traffic Control Procedures	En Route	Radar
	Airspace	Procedures	Scan
	Flight Operations	Collision Avoidance	Judging Threats
	Flight Operations	Collision Avoidance	Maneuvers
	Human Factors	Aeromedical Factors	Fitness for Flight
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>	Human Factors	Aeromedical Factors	Spatial Disorientation
<b>PLT200</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>	Navigation	Pilotage	Calculations
<b>PLT201</b>			
<a href="#">14 CFR 91</a>	Regulations	14CFR Part 91	Airport Operations

<b>PLT204</b>		
<a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Communications	Contact Procedures
Airport Operations	Tower Controlled	Ground Operations
<b>PLT207</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aircraft Systems	Electrical	Charging Systems
<a href="#">Powered Parachute Flying Handbook FAA-H-8083-29</a>		
Aircraft Systems	Electrical	Charging Systems
<b>PLT208</b>		
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Flight Operations	Landing	Emergency Approaches / Landings (Actual)
<b>PLT219</b>		
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Flight Operations	Maneuvers	Basic
Flight Operations	Maneuvers	Ground Reference
<b>PLT221</b>		
<a href="#">Airplane Flying Handbook, FAA-H-8083-3A</a>		
Flight Operations	Approach	Go Around
<a href="#">Powered Parachute Flying Handbook FAA-H-8083-29</a>		
Flight Operations	Landing	Roundout (Flare)
<b>PLT225</b>		
<a href="#">Aeronautical Information Manual</a>		
Navigation	Pilotage	Flight Plan
<b>PLT226</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Fog
<b>PLT235</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aerodynamics	Principles of Flight	Forces Acting on Aircraft
<b>PLT242</b>		
<a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a>		
Weight and Balance	Aircraft Loading	Weight
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Aerodynamics	Principles of Flight	Forces Acting on Aircraft
<b>PLT243</b>		
<a href="#">Powered Parachute Flying Handbook FAA-H-8083-29</a>		
Aerodynamics	Principles of Flight	Turning Tendency
<b>PLT271</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Human Factors	ADM	Judgment
Human Factors	ADM	Risk Management
<b>PLT272</b>		
<a href="#">AC 60-22 Aeronautical Decision Making</a>		
Human Factors	ADM	Stress Management
<b>PLT274</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Icing
<b>PLT281</b>		
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Publications	Airport Facility Directory	Revisions
<b>PLT284</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Forecasts	Winds / Temperatures Aloft Forecast
<b>PLT290</b>		
<a href="#">AC 00-45 Aviation Weather Services</a>		
Weather	Aeronautical Weather Forecasts	AIRMETS/SIGMETS
Weather	Hazardous	Thunderstorms
<b>PLT301</b>		
<a href="#">AC 00-6 Aviation Weather</a>		
Weather	Meteorology	Temperature
<b>PLT323</b>		
<a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Communications	Flight Service Stations
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>		
Publications	NOTAMs	FDC NOTAMs

<b>PLT328</b>			
<a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a>			
Weight and Balance	Aircraft Loading		Weight
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Weight and Balance	Aircraft Loading		Equipment List
<b>PLT330</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<b>PLT332</b>			
<a href="#">Aeronautical Information Manual</a>			
Human Factors	Aeromedical Factors		Fitness for Flight
<b>PLT334</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Human Factors	Aeromedical Factors		Spatial Disorientation
<b>PLT346</b>			
<a href="#">Powered Parachute Flying Handbook FAA-H-8083-29</a>			
Aerodynamics	Airspeed		Thrust
Aerodynamics	Principles of Flight		Turning Tendency
Aircraft Systems	Flight Controls / Primary		Steering Bars
<b>PLT353</b>			
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Charts/Maps		Radar Summary
<b>PLT366</b>			
<a href="#">49 CFR 830</a>			
Regulations	NTSB Part 830		Preservation of Aircraft Wreckage
<b>PLT370</b>			
<a href="#">Aeronautical Information Manual</a>			
Airspace	Controlled		Clearance
Airspace	Controlled		Services Provided
<b>PLT371</b>			
<a href="#">14 CFR 1</a>			
Regulations	14CFR Part 1		Certification of Aircraft
Regulations	14CFR Part 1		Certification of Airmen
<b>PLT372</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Maintenance Inspections
<b>PLT374</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Aircraft Return to Service
Regulations	14CFR Part 91		Airworthiness Certificate
<b>PLT376</b>			
<a href="#">Aeronautical Information Manual</a>			
Airspace	Other		Wild Life Refuges
<b>PLT377</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Airworthiness Certificate
<b>PLT381</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Altimeter Settings
<b>PLT384</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Seat Belts
<b>PLT391</b>			
<a href="#">Aeronautical Information Manual</a>			
Air Traffic Control Procedures	Communications		Distress
<b>PLT393</b>			
<a href="#">Aeronautical Information Manual</a>			
Airspace	Special Use		MOA
Airspace	Special Use		Restricted Areas
<b>PLT399</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Inspection of Certificate
Regulations	14CFR Part 61		Medical Certificates

<b>PLT400</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Aircraft Operating Limitations
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Regulations	14CFR Part 91		Airworthiness Certificate
<b>PLT411</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		PIC Recent Flight Experience
<b>PLT414</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Right-of-Way
<b>PLT430</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Minimum Safe Altitudes
<b>PLT435</b>			
<a href="#">Aeronautical Information Manual</a>			
Airport Operations	Communications		Inbound
<b>PLT440</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		PIC Responsibility / Authority
<b>PLT442</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Flight Review
Regulations	14CFR Part 61		PIC Recent Flight Experience
Regulations	14CFR Part 61		Privileges and Limitations
<b>PLT443</b>			
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Human Factors	ADM		Pilot Self-Assessment
<b>PLT444</b>			
<a href="#">Aeronautical Information Manual</a>			
Airspace	Special Use		Alert Areas
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Airport Operations	Preflight		Pilot Responsibility
<b>PLT445</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Preflight Actions
<a href="#">AC 00-45 Aviation Weather Services</a>			
Weather	Aeronautical Weather Reports		Weather Briefings
<a href="#">Aeronautical Information Manual</a>			
Weather	Aeronautical Weather Reports		Weather Briefings
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a>			
Airport Operations	Preflight		Pilot Responsibility
<b>PLT447</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Medical Certificates
<b>PLT448</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Privileges and Limitations
<b>PLT455</b>			
<a href="#">Aeronautical Information Manual</a>			
Navigation	Pilotage		Flight Plan
Navigation	Pilotage		Flight Plans
<b>PLT462</b>			
<a href="#">Aeronautical Information Manual</a>			
Airport Operations	Lighting		Runway Lighting
<b>PLT463</b>			
<a href="#">14 CFR 61</a>			
Regulations	14CFR Part 61		Drugs / Alcohol
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Alcohol or Drugs
<b>PLT467</b>			
<a href="#">14 CFR 91</a>			
Regulations	14CFR Part 91		Flight Rules General
Regulations	14CFR Part 91		VFR Cruising Altitude / Flight Level
<b>PLT497</b>			
<a href="#">Aeronautical Information Manual</a>			
Aircraft Systems	Avionics		Transponder

**PLT509**

[Aeronautical Information Manual](#)

Airport Operations	Wake Turbulence	Vortex Avoidance
Flight Operations	Wake Turbulence	Vortex Avoidance
Flight Operations	Wake Turbulence	Vortex Behavior

**PLT511**

[AC 00-6 Aviation Weather](#)

Weather	Meteorology	Fronts
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**PLT512**

[AC 00-6 Aviation Weather](#)

Weather	Meteorology	Moisture
Weather	Meteorology	Stability

**PLT514**

[AC 00-45 Aviation Weather Services](#)

Weather	Aeronautical Weather Forecasts	Aviation Area Forecasts (FA)
Weather	Aeronautical Weather Forecasts	Terminal Aerodrome Forecasts (TAF)

[Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25](#)

Weather	Aeronautical Weather Reports	Weather Briefings
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**PLT516**

[Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25](#)

Aerodynamics	Principles of Flight	Forces Acting on Aircraft
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## APPENDIX 15

### PRIVATE PILOT—WEIGHT-SHIFT CONTROL (PWS)

**1. During a wing stall, the wing tips of a weight-shift control aircraft are**

- A—effective only when combined with maximum engine output.
- B—ineffective for stall recovery.
- C—effective for stall recovery.

*Answer: C.*

*Learning Statement: Recall flight characteristics—structural/wing design.*

**2. A typical two-stroke cycle piston engine ignition coil is powered by**

- A—a battery or alternator.
- B—a battery.
- C—a magneto.

*Answer: C.*

*Learning Statement: Recall starter/ignition system—types/components/operating principles/characteristics.*

**3. An ATC radar facility issues the following advisory to a pilot flying North in a calm wind:**

**‘TRAFFIC 9 O’CLOCK, 2 MILES, SOUTHBOUND...’**

**Where should the pilot look for this traffic?**

- A—South.
- B—North.
- C—West.

*Answer: C.*

*Learning Statement: Recall collision avoidance—scanning techniques*

**4. Under what condition may an aircraft operate from a satellite airport within Class C airspace?**

- A—The pilot must file a flight plan prior to departure.
- B—The pilot must monitor ATC until clear of the Class C airspace.
- C—The pilot must contact ATC as soon as practicable after takeoff.

*Answer: C.*

*Learning Statement: Recall airspace classes—limits/requirements/restrictions/airspeeds/equipment.*

# APPENDIX 15

## PRIVATE PILOT—WEIGHT-SHIFT CONTROL (PWS)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT003</b> <a href="#">Aircraft Weight and Balance Handbook, FAA-H-8083-1</a> Weight and Balance	Center of Gravity	Formulas
<b>PLT008</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Landing Distance
<b>PLT012</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Dead Reckoning	Calculations
Navigation	Dead Reckoning	Wind
Navigation	Pilotage	Calculations
<b>PLT013</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Crosswind
<b>PLT019</b> <a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Aircraft Performance	Computations	Density Altitude
Aircraft Performance	Computations	Pressure Altitude
<b>PLT026</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT040</b> <a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Airspace
<b>PLT044</b> <a href="#">14 CFR 91</a> Regulations	14CFR Part 91	Two-Way Radio Communications
<a href="#">Aeronautical Information Manual</a> Flight Operations	Collision Avoidance	Traffic Advisories
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Air Traffic Control Procedures	Communications	Self-Announce
<b>PLT059</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT061</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Pilot Weather Reports
<b>PLT064</b> <a href="#">Aeronautical Information Manual</a> Airspace	Controlled	Class D
Airspace	Other	Military Training Routes
<a href="#">Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25</a> Navigation	Pilotage	Calculations
<a href="#">Sectional Aeronautical Chart</a> Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
<b>PLT068</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Charts/Maps	Significant Weather Prognostic Charts
<b>PLT072</b> <a href="#">AC 00-45 Aviation Weather Services</a> Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
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Weather

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Weather

Meteorology

Windshear