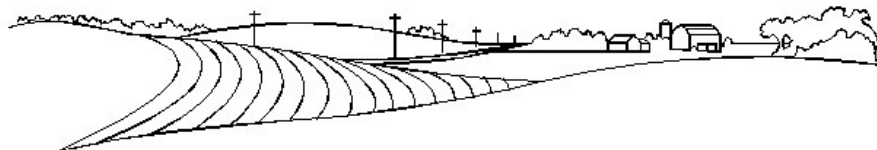
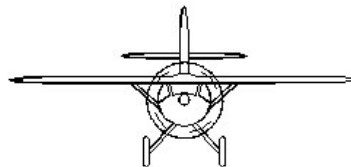


**RECREATIONAL PILOT
AND
PRIVATE PILOT
KNOWLEDGE TEST GUIDE**



June 2014



INTRODUCTION

FAA-G-8082-17, dated June 2014, 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 all previously dated FAA-G-8082-17 versions.

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 Canadian Conversion—Airplane	PCP
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.

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/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

The following tests contain 40 questions each, and you are allowed 2 hours to complete each test.

- Private Pilot Canadian Conversion—Airplane

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/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.
- For graph type questions, the applicant may request a printed copy of the graph on which they may actually draw and write to compute the answer. The applicant must turn in all paper work upon completion of the test.

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:

http://www.faa.gov/training_testing/testing/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.

REQUESTING YOUR TEST BE HAND-SCORED

If you wish to have your test hand-scored, you must submit a request, in the form of a signed letter, to the Airman Testing Standards Branch, AFS-630. The request must be accompanied by a copy of your Airman Knowledge Test Report and a legible photocopy of a government issued identification with your photograph and signature. Mail or fax this information to: (e-Mail requests are not accepted due to security issues.)

Federal Aviation Administration
Airman Testing Standards Branch, AFS-630
P.O. Box 25082
Oklahoma City, OK 73125
Or Fax to: 405 954-4748

NOTE: If you have comments regarding test questions, test procedures, or supplemental material content, please e-Mail AFS-630 at: AFS630Comments@faa.gov.

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. 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/test_questions/media/FAA-CT-8080-2E.pdf. Marking in the supplement book is prohibited; however, you may request a photo copy of any figure either before or during your exam. This marked or unmarked copy must be returned to the proctor at the end of the exam.

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

Topic, Content and Specific (TCS) codes listed in this guide are NOT a description of the Learning Statement Codes (LSC) found in the 'Learning Statement Reference Guide for Airman Knowledge Testing' document, but are a hierarchical sequence of classification codes placing 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).

References Appendix

The knowledge tests for Private and Recreational Pilot exams are based on the following references.

14 CFR part 1 Definitions and Abbreviations
14 CFR part 39 Airworthiness Directives
14 CFR part 43 Maintenance, Preventive Maintenance, Rebuilding, and Alteration
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors
14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes
14 CFR part 91 General Operating and Flight Rules
49 CFR part 830 Notification and Reporting of Aircraft Accidents
AC 00-45 - Aviation Weather Services
AC 00-6 - Aviation Weather
AC 20-43 - Aircraft Fuel Control
AC 60-22 - Aeronautical Decision Making
AC 90-48 - Pilots` Role in Collision Avoidance
AC 91-13 - Cold Weather Operation of Aircraft
Aeronautical Information Manual
Airport/Facility Directory
FAA-H-8083-1 - Aircraft Weight and Balance Handbook
FAA-H-8083-11 - Balloon Flying Handbook
FAA-H-8083-13 - Glider Flying Handbook
FAA-H-8083-2 - Risk Management Handbook
FAA-H-8083-21 - Helicopter Flying Handbook
FAA-H-8083-21 - Rotorcraft Flying Handbook
FAA-H-8083-25 - Pilot`s Handbook of Aeronautical Knowledge
FAA-H-8083-29 - Powered Parachute Flying Handbook
FAA-H-8083-3A - Airplane Flying Handbook
FAA-H-8083-5 - Weight-Shift Control Aircraft Flying Handbook
FAA-H-8261-1 - Instrument Procedures Handbook
FAA-P-8740-39 - Balloon Safety Tips
Navy Lighter-Than-Air Airship Flight Manual
Sectional Aeronautical Chart
www.faa.gov - Search for ACs

Note: The latest revision of these references should be used.

**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>
PLT003 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weight and Balance	Center of Gravity	Stability
PLT008 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Landing Distance
PLT011 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Takeoff Distance
PLT012 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
PLT013 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Crosswind
PLT021 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weight and Balance	Center of Gravity	Computations
PLT023 AC 00-6 - Aviation Weather Weather	Meteorology	Pressure
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Flight Instruments	Altimeter
PLT026 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT039 Aeronautical Information Manual Airport Operations	Marking / Signs	Segmented Circle
PLT040 Sectional Aeronautical Chart Navigation	Pilotage	Airspace
PLT044 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Two-Way Radio Communications
PLT059 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT063 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Radar Summary
PLT064 Aeronautical Information Manual Airport Operations Airspace Airspace Airspace	Uncontrolled Controlled Other Special Use	Radio Communications Class E Military Training Routes MOA
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
Sectional Aeronautical Chart Navigation	Pilotage	Aeronautical Charts
Publications	Airport Facility Directory	Parachute Jumping
PLT068 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Significant Weather Prognostic Charts
PLT071 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Weather Depiction Charts
PLT072 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)

PLT075		
AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps	Weather Depiction Charts
PLT077		
Aeronautical Information Manual		
Airport Operations	Marking / Signs	Airport Markings
Airport Operations	Marking / Signs	Displaced Threshold
Airport Operations	Marking / Signs	Traffic Pattern
PLT088		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Airspeed Indicator
PLT090		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Navigation	Radio	VOR
PLT092		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weight and Balance	Center of Gravity	Computations
PLT097		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Human Factors	Aeromedical Factors	Carbon Monoxide Poisoning
PLT101		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Navigation	Pilotage	Calculations
Sectional Aeronautical Chart		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
PLT112		
FAA-H-8083-3 - Airplane Flying Handbook		
Airport Operations	Taxiing	Flight Controls
PLT121		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weight and Balance	Center of Gravity	Computations
PLT123		
FAA-H-8083-3 - Airplane Flying Handbook		
Flight Operations	Climb	Speed
PLT124		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Performance	Computations	Density Altitude
PLT125		
Aeronautical Information Manual		
Flight Operations	Normal Procedures	Scan
PLT127		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Performance	Computations	Density Altitude
PLT131		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Performance	Atmospheric Effects	Ground Effect
PLT133		
FAA-H-8083-3 - Airplane Flying Handbook		
Flight Operations	Climb	Speed
PLT141		
Aeronautical Information Manual		
Airport Operations	Marking / Signs	Direction Signs
Airport Operations	Marking / Signs	Taxiway
PLT161		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Privileges and Limitations
14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes		
Regulations	14CFR Part 71	Airspace
Airport/Facility Directory		
Publications	Airport Facility Directory	Airport Remarks
Sectional Aeronautical Chart		
Airspace	Uncontrolled	Class G

PLT163		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Privileges and Limitations
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Class D Operations
PLT166		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT167		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Pressure
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT190		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Carburetor
PLT191		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Carburetor
PLT194		
Aeronautical Information Manual		
Human Factors	Aeromedical Factors	Fitness for Flight
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Human Factors	Aeromedical Factors	Spatial Disorientation
PLT200		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Navigation	Pilotage	Calculations
PLT213		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Stability / Control	Longitudinal Stability
Aerodynamics	Stability / Control	Stability
PLT215		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Magnetic Compass
PLT249		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Mixture Control
PLT253		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Mixture Control
PLT278		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Airspeed Indicator
PLT289		
AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps	Weather Depiction Charts
PLT290		
AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Forecasts	AIRMETS/SIGMETS
Weather	Hazardous	Thunderstorms
Aeronautical Information Manual		
Weather	Aeronautical Weather Forecasts	SIGMETS
PLT301		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Moisture
Weather	Meteorology	Temperature
PLT309		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Load Factor	Flight Maneuvers
Aerodynamics	Load Factor	Steep Turns
PLT311		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Load Factor	Airspeed
PLT312		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Load Factor	Stalling Speed

PLT324			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant		Oil System
PLT328			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weight and Balance	Aircraft Loading		Limitations
PLT337			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Pitot / Static		Airspeed Indicator
Aircraft Systems	Pitot / Static		Blockage
PLT343			
	FAA-H-8083-3 - Airplane Flying Handbook		
Aircraft Systems	Powerplant		Lubrication
PLT345			
	AC 00-6 - Aviation Weather		
Weather	Meteorology		Pressure
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weather	Meteorology		Pressure
PLT351			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Stability / Control		Downwash
Aircraft Systems	Propeller		Efficiency
PLT353			
	AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps		Radar Summary
PLT366			
	49 CFR part 830 Notification and Reporting of Aircraft Accidents		
Regulations	NTSB Part 830		Immediate Notification to NTSB
Regulations	NTSB Part 830		Incident Reports
Regulations	NTSB Part 830		Preservation of Aircraft Wreckage
PLT371			
	14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1		Certification of Aircraft
Regulations	14CFR Part 1		Certification of Airmen
PLT374			
	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		Airworthiness
PLT376			
	Aeronautical Information Manual		
Airspace	Other		Wildlife Refuges
PLT387			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Change of Address
PLT393			
	Aeronautical Information Manual		
Airspace	Special Use		MOA
Airspace	Special Use		Restricted Areas
PLT399			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Inspection of Certificate
Regulations	14CFR Part 61		Pilot Certificate
PLT411			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		PIC Recent Flight Experience
PLT442			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Flight Review
Regulations	14CFR Part 61		Privileges and Limitations
PLT444			
	Aeronautical Information Manual		
Airspace	Special Use		Alert Areas
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Airport Operations	Preflight		Pilot Responsibility

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

RECREATIONAL PILOT—ROTORCRAFT/HELICOPTER (RPH)
Sample Questions

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE RECREATIONAL PILOT – ROTOCRAFT/HELICOPTER (RPH)

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

PLT120		
FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight	Retreating Blade Stall
PLT124		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Performance	Computations	Density Altitude
PLT129		
FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Takeoff	Helicopter
PLT131		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Aircraft Performance	Atmospheric Effects	Ground Effect
PLT141		
Aeronautical Information Manual		
Airport Operations	Lighting	Rotating Beacon
PLT161		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Privileges and Limitations
14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes		
Regulations	14CFR Part 71	Airspace
Airport/Facility Directory		
Publications	Airport Facility Directory	Airport Remarks
Sectional Aeronautical Chart		
Airspace	Uncontrolled	Class G
PLT163		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Privileges and Limitations
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Class D Operations
PLT165		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT167		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Pressure
PLT169		
FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Emergency Procedures	Approach / Landing
PLT170		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Flight Operations	Landing	Slope
PLT173		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Stability
PLT175		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Flight Operations	Emergency Procedures	Helicopter
PLT192		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Clouds
Weather	Meteorology	Stability
PLT194		
Aeronautical Information Manual		
Human Factors	Aeromedical Factors	Fitness for Flight
PLT197		
FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight	Coriolis Effect
PLT199		
FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight	Flight Controls
PLT215		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Magnetic Compass
PLT221		
FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Maneuvers	Advanced

PLT222	FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Performance		Helicopter
PLT226	AC 00-6 - Aviation Weather		
Weather	Meteorology		Fog
PLT242	FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight		Helicopter Forward Flight
PLT285	FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Maneuvers		Basic
PLT289	AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps		Weather Depiction Charts
PLT328	FAA-H-8083-1 - Aircraft Weight and Balance Handbook		
Weight and Balance	Center of Gravity		Computations
PLT335	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Navigation	Radio		VOR
PLT366	49 CFR part 830 Notification and Reporting of Aircraft Accidents		
Regulations	NTSB Part 830		Immediate Notification to NTSB
PLT393	Aeronautical Information Manual		
Airspace	Special Use		MOA
PLT442	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Privileges and Limitations
PLT448	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Privileges and Limitations
PLT470	FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight		Coriolis Effect
Aerodynamics	Principles of Flight		Retreating Blade Stall
PLT472	FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Emergency Procedures		Tail Rotor
PLT486	FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Takeoff		Main Rotor
PLT493	AC 00-6 - Aviation Weather		
Weather	Meteorology		Moisture
PLT495	AC 00-6 - Aviation Weather		
Weather	Meteorology		Thunderstorms
PLT509	Aeronautical Information Manual		
Airport Operations	Wake Turbulence		Strength
Airport Operations	Wake Turbulence		Vortex Avoidance
PLT512	AC 00-6 - Aviation Weather		
Weather	Meteorology		Moisture

**RECREATIONAL PILOT—ROTORCRAFT/GYROPLANE (RPG)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE RECREATIONAL PILOT—ROTORCRAFT/GYROPLANE (RPG)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT008 FAA-H-8083-21 - Rotorcraft Flying Handbook Aircraft Performance	Computations	Landing Distance
PLT012 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
PLT013 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Crosswind
PLT014 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	ADF / NDB
PLT021 FAA-H-8083-21 - Rotorcraft Flying Handbook Weight and Balance	Center of Gravity	Computations
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weight and Balance	Center of Gravity	Computations
PLT023 AC 00-6 - Aviation Weather Weather	Meteorology	Pressure
PLT027 FAA-H-8083-21 - Helicopter Flying Handbook Aerodynamics	Principles of Flight	Coning
PLT040 Sectional Aeronautical Chart Navigation	Pilotage	Airspace
PLT059 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT064 Aeronautical Information Manual Airspace	Other	Military Training Routes
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
PLT068 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Significant Weather Prognostic Charts
PLT072 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Forecasts	Terminal Aerodrome Forecasts (TAF)
Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
PLT090 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	VOR
PLT101 Sectional Aeronautical Chart Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
PLT120 FAA-H-8083-21 - Rotorcraft Flying Handbook Aerodynamics	Principles of Flight	Retreating Blade Stall
PLT131 FAA-H-8083-21 - Rotorcraft Flying Handbook Aircraft Performance	Atmospheric Effects	Ground Effect
PLT132 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Flight Instruments	Attitude Indicator
PLT141 Aeronautical Information Manual Airport Operations	Marking / Signs	Taxiway

PLT161		
14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes		
Regulations	14CFR Part 71	Airspace
Airport/Facility Directory		
Publications	Airport Facility Directory	Airport Remarks
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Airspace	Uncontrolled	Class G
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14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Privileges and Limitations
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
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PLT165		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Temperature
PLT166		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Attitude Indicator
PLT190		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Carburetor Heat
PLT199		
FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight	Flight Controls
PLT225		
Aeronautical Information Manual		
Navigation	Pilotage	Flight Plan
PLT242		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Aerodynamics	Principles of Flight	Dissymmetry of Lift
PLT263		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Thunderstorms
PLT265		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Flight Operations	Emergency Procedures	Ground Resonance
PLT284		
AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast
PLT285		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Aircraft Performance	Computations	Height / Velocity
PLT290		
AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Forecasts	AIRMETS/SIGMETS
Weather	Hazardous	Thunderstorms
PLT301		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Temperature
PLT334		
Aeronautical Information Manual		
Human Factors	Aeromedical Factors	Spatial Disorientation
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Human Factors	Aeromedical Factors	Spatial Disorientation
PLT351		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Propeller	Efficiency
PLT366		
49 CFR part 830 Notification and Reporting of Aircraft Accidents		
Regulations	NTSB Part 830	Immediate Notification to NTSB
Regulations	NTSB Part 830	Incident Reports
PLT371		
14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1	Certification of Aircraft

PLT374		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Aircraft Return to Service
Regulations	14CFR Part 91	Airworthiness Certificate
PLT393		
Aeronautical Information Manual		
Airspace	Special Use	MOA
PLT442		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Flight Review
Regulations	14CFR Part 61	Privileges and Limitations
PLT444		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Airport Operations	Preflight	Pilot Responsibility
PLT445		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Airport Operations	Preflight	Pilot Responsibility
PLT446		
14 CFR part 43 Maintenance, Preventive Maintenance, Rebuilding, and Alteration		
Regulations	14CFR Part 43	Preventive Maintenance
PLT447		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Medical Certificates
PLT448		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Privileges and Limitations
PLT455		
Aeronautical Information Manual		
Navigation	Pilotage	Flight Plan
PLT467		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Flight Rules General
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AC 00-6 - Aviation Weather		
Weather	Meteorology	Thunderstorms
PLT506		
14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1	V Speeds
PLT511		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Fronts
PLT514		
AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports	Weather Briefings
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weather	Aeronautical Weather Reports	Weather Briefings

**PRIVATE PILOT—AIRPLANE/RECREATIONAL PILOT—TRANSITION (PAT)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—AIRPLANE/RECREATIONAL PILOT—TRANSITION (PAT)

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

PLT163		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Class D Operations
PLT221		
FAA-H-8083-3 - Airplane Flying Handbook		
Aerodynamics	Principles of Flight	Landings
PLT235		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Principles of Flight	Forces Acting on Aircraft
PLT312		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Load Factor	Stalling Speed
PLT351		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Propeller	Adjustable-Pitch
PLT376		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Special VFR
PLT384		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Seat Belts
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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
PLT395		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	High Performance
PLT427		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Medical Certificates
PLT442		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	PIC Recent Flight Experience
PLT444		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Preflight Actions
PLT445		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Preflight Actions
PLT447		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Medical Certificates
PLT448		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Privileges and Limitations
PLT451		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Privileges and Limitations
PLT465		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	PIC Responsibility / Authority
Regulations	14CFR Part 91	Seat Belts
PLT468		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
PLT497		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Aeronautical Information Manual		
Aircraft Systems	Avionics	Transponder
PLT506		
14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1	V Speeds

**PRIVATE PILOT—HELICOPTER/RECREATIONAL PILOT—TRANSITION (PHT)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—HELICOPTER/RECREATIONAL PILOT—TRANSITION (PHT)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT003 FAA-H-8083-1 - Aircraft Weight and Balance Handbook Weight and Balance	Center of Gravity	Computations
PLT005 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Density Altitude
PLT012 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
PLT014 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	ADF / NDB
PLT044 Aeronautical Information Manual Airport Operations	Tower Controlled	Ground Operations
PLT059 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT064 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	VOR
PLT072 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
PLT077 Aeronautical Information Manual Airport Operations	Marking / Signs	Airport Markings
PLT091 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	ADF / NDB
PLT099 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Flight Operations	Night	Scan
PLT101 Sectional Aeronautical Chart Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
PLT103 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Human Factors	ADM	Hazardous Attitude
PLT104 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Human Factors	ADM	Operational Pitfalls
PLT119 FAA-H-8083-3 - Airplane Flying Handbook Flight Operations	Collision Avoidance	Aircraft Position Lights
PLT124 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Density Altitude
PLT141 Aeronautical Information Manual Airport Operations	Marking / Signs	Direction Signs
Airport Operations	Marking / Signs	Runway
FAA-H-8083-3 - Airplane Flying Handbook Airport Operations	Lighting	Taxiway

PLT161[14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes](#)

Regulations	14CFR Part 71	Airspace
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[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Airspace
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[Aeronautical Information Manual](#)

Airspace	Controlled	Class C
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Airspace	Controlled	Class D
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[Airport/Facility Directory](#)

Publications	Airport Facility Directory	Airport Remarks
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[Sectional Aeronautical Chart](#)

Airspace	Controlled	Class C
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Airspace	Uncontrolled	Class G
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PLT163[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Class D Operations
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PLT194[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	Radar
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PLT263[AC 00-6 - Aviation Weather](#)

Weather	Meteorology	Turbulence
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PLT290[Aeronautical Information Manual](#)

Weather	Aeronautical Weather Forecasts	SIGMETS
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PLT316[Aeronautical Information Manual](#)

Weather	Aeronautical Weather Reports	Weather Briefings
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PLT334[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Spatial Disorientation
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PLT403[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	ATC Clearances
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PLT411[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	PIC Recent Flight Experience
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PLT442[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	PIC Recent Flight Experience
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PLT444[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Preflight Actions
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PLT497[Aeronautical Information Manual](#)

Aircraft Systems	Avionics	Transponder
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PLT515[Aeronautical Information Manual](#)

Weather	Aeronautical Weather Reports	En Route Flight Advisory Service (EFAS)
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**PRIVATE PILOT—GYROPLANE/RECREATIONAL PILOT—TRANSITION (PGT)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—GYROPLANE/RECREATIONAL PILOT—TRANSITION (PGT)

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

PLT411		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	PIC Recent Flight Experience
PLT427		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Medical Certificates
PLT442		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	PIC Recent Flight Experience
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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	PIC Responsibility / Authority
Regulations	14CFR Part 91	Preflight Actions
PLT445		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Preflight Actions
PLT447		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Medical Certificates
PLT467		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Flight Rules General

PRIVATE PILOT—AIRPLANE (PAR)
Sample Questions

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

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—AIRPLANE (PAR)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT003 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weight and Balance	Center of Gravity	Stability
PLT005 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Density Altitude
PLT008 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Landing Distance
PLT011 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Takeoff Distance
PLT012 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance Navigation Navigation	Computations Pilotage Radio	Cruise Calculations VOR
PLT013 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Crosswind
PLT014 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	ADF / NDB
PLT019 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance Aircraft Performance	Computations Computations	Density Altitude Pressure Altitude
PLT021 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weight and Balance	Center of Gravity	Computations
PLT023 AC 00-6 - Aviation Weather Weather	Meteorology	Pressure
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems Aircraft Systems	Flight Instruments Flight Instruments	Altimeter Altitude
PLT026 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT039 Aeronautical Information Manual Airport Operations	Marking / Signs	Segmented Circle
PLT040 Aeronautical Information Manual Airspace Sectional Aeronautical Chart Navigation	Controlled Pilotage	Class B Airspace
PLT041 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Flight Instruments	Altimeter
PLT044 Aeronautical Information Manual Airport Operations	Tower Controlled	Ground Operations
PLT059 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT061 AC 00-45 - Aviation Weather Services Weather Aeronautical Information Manual Weather	Aeronautical Weather Reports Aeronautical Weather Reports	Pilot Weather Reports Pilot Weather Reports

PLT064[Aeronautical Information Manual](#)

Airport Operations	Uncontrolled	Radio Communications
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Airspace	Other	Military Training Routes
Navigation	Pilotage	Aeronautical Charts

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

Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
Navigation	Radio	VOR

[Sectional Aeronautical Chart](#)

Navigation	Pilotage	Aeronautical Charts
Publications	Aeronautical Charts	Sectionals
Publications	Airport Facility Directory	Parachute Jumping

PLT068[AC 00-45 - Aviation Weather Services](#)

Weather	Charts / Maps	Significant Weather Prognostic Charts
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PLT071[AC 00-45 - Aviation Weather Services](#)

Weather	Charts / Maps	Weather Depiction Charts
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PLT072[AC 00-45 - Aviation Weather Services](#)

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

PLT075[AC 00-45 - Aviation Weather Services](#)

Weather	Charts / Maps	Weather Depiction Charts
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PLT076[AC 00-45 - Aviation Weather Services](#)

Weather	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast
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PLT077[Aeronautical Information Manual](#)

Airport Operations	Marking / Signs	Airport Markings
Airport Operations	Marking / Signs	Displaced Threshold
Airport Operations	Marking / Signs	Tetrahedron
Airport Operations	Marking / Signs	Traffic Pattern

PLT088[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Flight Instruments	Airspeed Indicator
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PLT090[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

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PLT091[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Navigation	Radio	ADF / NDB
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PLT092[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Weight and Balance	Center of Gravity	Computations
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PLT097[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Carbon Monoxide Poisoning
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PLT099[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Flight Operations	Night	Scan
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PLT101[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Navigation	Pilotage	Calculations
Navigation	Radio	VOR

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PLT112			
FAA-H-8083-3 - Airplane Flying Handbook			
Airport Operations	Taxiing		Flight Controls
PLT115			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Powerplant		Fueling
Aircraft Systems	Powerplant		Ignition
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Flight Instruments		Directional Gyro
PLT119			
FAA-H-8083-3 - Airplane Flying Handbook			
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PLT121			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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PLT123			
FAA-H-8083-3 - Airplane Flying Handbook			
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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PLT127			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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PLT132			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Flight Instruments		Attitude Indicator
PLT133			
FAA-H-8083-3 - Airplane Flying Handbook			
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Powerplant		Carburetor
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14 CFR part 91 General Operating and Flight Rules			
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Airport Operations	Lighting		Rotating Beacon
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PLT161[14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes](#)

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Regulations	14CFR Part 91	Airspace
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PLT165[AC 00-6 - Aviation Weather](#)

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

Aircraft Systems	Flight Instruments	Altimeter
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PLT166[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Attitude Indicator

PLT167[AC 00-6 - Aviation Weather](#)

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PLT168[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Principles of Flight	Angle of Attack
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PLT173[AC 00-6 - Aviation Weather](#)

Weather	Meteorology	Stability
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PLT187[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Flight Instruments	Turn Coordinator
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PLT189[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Powerplant	Carburetor Heat
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PLT190[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Powerplant	Carburetor
Aircraft Systems	Powerplant	Carburetor Heat

PLT191[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Powerplant	Carburetor
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PLT192[AC 00-6 - Aviation Weather](#)

Weather	Meteorology	Clouds
Weather	Meteorology	Stability
Weather	Meteorology	Thunderstorms

PLT194[Aeronautical Information Manual](#)

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Flight Operations	Collision Avoidance	Maneuvers
Human Factors	Aeromedical Factors	Fitness for Flight
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Human Factors	Aeromedical Factors	Spatial Disorientation

PLT200			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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FAA-H-8083-3 - Airplane Flying Handbook			
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aerodynamics	Stability / Control		Longitudinal Stability
Aerodynamics	Stability / Control		Stability
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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Aeronautical Information Manual			
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Weather	Meteorology		Icing
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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PLT242			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aerodynamics	Principles of Flight		Forces Acting on Aircraft
PLT243			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aerodynamics	Principles of Flight		Torque
Aerodynamics	Principles of Flight		Turning Tendency
PLT245			
FAA-H-8083-3 - Airplane Flying Handbook			
Aerodynamics	Stall / Spins		Spins
PLT249			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Powerplant		Carburetor Heat
Aircraft Systems	Powerplant		Mixture Control
PLT250			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Powerplant		Fuel Grade
PLT253			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Powerplant		Electric Fuel Pump
Aircraft Systems	Powerplant		Mixture Control
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AC 00-6 - Aviation Weather			
Weather	Meteorology		Thunderstorms
Weather	Meteorology		Turbulence
PLT274			
AC 00-6 - Aviation Weather			
Weather	Meteorology		Icing
PLT278			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Flight Instruments		Airspeed Indicator

PLT284 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast
PLT289 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Weather Depiction Charts
PLT290 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Forecasts	AIRMETS/SIGMETS
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Aeronautical Information Manual Weather	Aeronautical Weather Forecasts	SIGMETS
PLT301 AC 00-6 - Aviation Weather Weather	Meteorology	Moisture
	Meteorology	Temperature
PLT311 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aerodynamics	Load Factor	Airspeed
PLT312 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aerodynamics	Load Factor	Stalling Speed
PLT316 Aeronautical Information Manual Weather	Aeronautical Weather Reports	Weather Briefings
PLT324 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Powerplant	Oil System
PLT330 Aeronautical Information Manual Human Factors	Aeromedical Factors	Fitness for Flight
PLT332 Aeronautical Information Manual Human Factors	Aeromedical Factors	Fitness for Flight
PLT334 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Human Factors	Aeromedical Factors	Spatial Disorientation
PLT335 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	VOR
PLT337 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Pitot / Static	Airspeed Indicator
	Pitot / Static	Blockage
PLT342 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Powerplant	Mixture Control
PLT343 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Powerplant	Mixture Control
FAA-H-8083-3 - Airplane Flying Handbook Aircraft Systems	Powerplant	Lubrication
PLT345 AC 00-6 - Aviation Weather Weather	Meteorology	Pressure
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weather	Meteorology	Pressure
PLT351 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aerodynamics	Stability / Control	Downwash
	Propeller	Adjustable-Pitch
	Propeller	Efficiency
PLT353 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Radar Summary

PLT366		
49 CFR part 830 Notification and Reporting of Aircraft Accidents		
Regulations	NTSB Part 830	Accident Reports
Regulations	NTSB Part 830	Immediate Notification to NTSB
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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Aerobatic Flight
PLT371		
14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1	Certification of Aircraft
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PLT372		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Annual Inspection
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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Aircraft Operating Limitations
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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Aircraft Return to Service
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PLT375		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Aircraft Return to Service
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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Special VFR
Aeronautical Information Manual		
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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airworthiness Certificate
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14 CFR part 91 General Operating and Flight Rules		
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14 CFR part 91 General Operating and Flight Rules		
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14 CFR part 91 General Operating and Flight Rules		
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14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Inspection of Certificate
Regulations	14CFR Part 61	Medical Certificates
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14 CFR part 91 General Operating and Flight Rules		
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PLT402		
14 CFR part 91 General Operating and Flight Rules		
Aircraft Systems	Avionics	Emergency Locator Transmitter (ELT)
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Aircraft Systems	Avionics	Emergency Locator Transmitter (ELT)
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14 CFR part 91 General Operating and Flight Rules		
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PLT413 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Fuel Requirements
PLT414 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Right-of-Way
PLT426 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Aircraft Return to Service
PLT427 14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors Regulations	14CFR Part 61	Medical Certificates
PLT430 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Minimum Safe Altitudes
PLT431 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Formation Flight
PLT440 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	PIC Responsibility / Authority
PLT442 14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors Regulations	14CFR Part 61	PIC Recent Flight Experience
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Aeronautical Information Manual Weather	Aeronautical Weather Reports	Weather Briefings
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Airport Operations	Preflight	Pilot Responsibility
PLT446 14 CFR part 43 Maintenance, Preventive Maintenance, Rebuilding, and Alteration Regulations	14CFR Part 43	Preventive Maintenance
PLT447 14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors Regulations	14CFR Part 61	Medical Certificates
PLT448 14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors Regulations	14CFR Part 61	Privileges and Limitations
PLT451 14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors Regulations	14CFR Part 61	Privileges and Limitations
	Regulations	TypeRating
PLT455 Aeronautical Information Manual Navigation	Pilotage	Flight Plans
PLT462 Aeronautical Information Manual Airport Operations	Lighting	Runway Lighting
PLT463 14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors Regulations	14CFR Part 61	Drugs / Alcohol
14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Alcohol or Drugs
PLT464 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	PIC Responsibility / Authority
PLT465 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Seat Belts
PLT466 14 CFR part 1 Definitions and Abbreviations Regulations	14CFR Part 1	V Speeds

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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
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14 CFR part 91 General Operating and Flight Rules		
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PLT473		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Controls / Secondary	Flaps
PLT477		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Stall / Spins	Stalls
PLT478		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Ignition
Aircraft Systems	Powerplant	Magnetos
PLT479		
FAA-H-8083-3 - Airplane Flying Handbook		
Aircraft Systems	Powerplant	Engine Starting
PLT486		
FAA-H-8083-3 - Airplane Flying Handbook		
Airport Operations	Taxiing	Flight Controls
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AC 00-6 - Aviation Weather		
Weather	Meteorology	Stability
PLT493		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Moisture
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AC 00-6 - Aviation Weather		
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PLT497		
Aeronautical Information Manual		
Aircraft Systems	Avionics	Transponder
PLT502		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Light Gun Signals
PLT506		
14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1	V Speeds
PLT509		
Aeronautical Information Manual		
Airport Operations	Wake Turbulence	Strength
Airport Operations	Wake Turbulence	Vortex Avoidance
Flight Operations	Wake Turbulence	Vortex Behavior
PLT511		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Fronts
Weather	Meteorology	Stability
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weather	Meteorology	Stability
PLT512		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Moisture
Weather	Meteorology	Stability
Weather	Meteorology	Temperature

PLT514

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

Weather Aeronautical Weather Forecasts
Weather Aeronautical Weather Forecasts
Weather Aeronautical Weather Reports

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

Weather Aeronautical Weather Reports

PLT515

[Aeronautical Information Manual](#)

Navigation Pilotage
Weather Aeronautical Weather Reports

PLT516

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

Weather Meteorology

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

Airport Operations Taxiing

PLT518

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

Weather Meteorology

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

Weather Meteorology

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

Weather Briefings

Radio Communications
En Route Flight Advisory Service (EFAS)

Wind

Flight Controls

Windshear

Windshear

**PRIVATE PILOT CANADIAN CONVERSION—AIRPLANE (PCP)
Sample Questions**

PRIVATE PILOT CANADIAN CONVERSION—AIRPLANE (PCP)

1. This sign confirms your position on

- A—runway 22.
- B—routing to runway 22.
- C—taxiway 22.



Answer: A.

Learning Statement: Recall airport operations - markings / signs / lighting.

2. (Refer to figure 53.) When approaching Lincoln Municipal from the west at noon for the purpose of landing, initial communications should be with

- A—Lincoln Approach Control on 124.0 MHz.
- B—Minneapolis Center on 128.75 MHz.
- C—Lincoln Tower on 118.5 MHz.

Answer: A.

Learning Statement: Interpret information in an Airport Facility Directory (AFD)

3. (Refer to figure 52.) What information should be entered in block 12 for a VFR day flight?

- A—The actual time enroute expressed in hours and minutes.
- B—The estimated time in enroute expressed in hours and minutes.
- C—The total amount of usable fuel onboard expressed in hours and minutes.

Answer: C.

Learning Statement: Recall regulations - requirements of a flight plan release

4. A lack of orientation with regard to the position, attitude, or movement of the aircraft in space is defined as

- A— spatial disorientation.
- B— hyperventilation.
- C— hypoxia.

Answer: A

Learning Statement: Recall physiological factors - spatial disorientation

5. (Refer to figure 49.) That portion of the runway identified by the letter A may be used for

A— landing.

B— taxiing and takeoff.

C— taxiing and landing.

Answer: B.

Learning Statement: Interpret information on an Airport Diagram

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT CANADIAN CONVERSION—AIRPLANE (PCP)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT044 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Air Traffic Control Procedures	Communications	Self-Announce
PLT064 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Airspace
Aeronautical Information Manual Airspace	Controlled	Class D
Airspace	Other	Military Training Routes
Navigation	Pilotage	Aeronautical Charts
Sectional Aeronautical Chart Navigation	Pilotage	Aeronautical Charts
PLT078 Aeronautical Information Manual Airspace	Controlled	Class C
PLT105 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Air Traffic Control Procedures	Communications	Radar Assistance
PLT119 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Aircraft Lights
Aeronautical Information Manual Flight Operations	Approach	Collision Avoidance
FAA-H-8083-3 - Airplane Flying Handbook Flight Operations	Collision Avoidance	Aircraft Position Lights
PLT123 FAA-H-8083-3 - Airplane Flying Handbook Flight Operations	Climb	Speed
PLT125 Aeronautical Information Manual Flight Operations	Normal Procedures	Scan
FAA-H-8083-3 - Airplane Flying Handbook Flight Operations	Approach	Roundout (Flare)
PLT140 Aeronautical Information Manual Airport Operations	LAHSO	Procedures & Responsibility
PLT141 Aeronautical Information Manual Airport Operations	Lighting	Rotating Beacon
Airport Operations	Marking / Signs	Airport Markings
Airport Operations	Marking / Signs	Direction Signs
Airport Operations	Marking / Signs	ILS
Airport Operations	Marking / Signs	Runway
Airport Operations	Marking / Signs	Taxiway
Publications	AIM	Contents
Publications	AIM	Taxiway
PLT147 Aeronautical Information Manual Airport Operations	Lighting	VASI
PLT150 Aeronautical Information Manual Airspace	Uncontrolled	Airport Advisory Areas

PLT161		
14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes		
Regulations	14CFR Part 71	Airspace
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Aircraft Speed
Regulations	14CFR Part 91	Airspace
Aeronautical Information Manual		
Airspace	Controlled	Class D
Airspace	Controlled	Class E
Sectional Aeronautical Chart		
Airspace	Uncontrolled	Class G
PLT162		
Aeronautical Information Manual		
Airspace	Controlled	Class D
PLT163		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
PLT170		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Class D Operations
FAA-H-8083-3 - Airplane Flying Handbook		
Flight Operations	Landing	Roundout (Flare)
Flight Operations	Landing	Touchdown
PLT172		
Aeronautical Information Manual		
Publications	AIM	Aeronautical Information
PLT194		
Aeronautical Information Manual		
Air Traffic Control Procedures	En Route	Radar
Flight Operations	Collision Avoidance	Judging Threats
Flight Operations	Collision Avoidance	Maneuvers
PLT196		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Airport Operations	Communications	ATIS
PLT198		
FAA-H-8083-3 - Airplane Flying Handbook		
Flight Operations	Cruise	Ground Track
PLT204		
Aeronautical Information Manual		
Airport Operations	Communications	Radio Communications
Instrument Procedures	Communications	Reports
PLT208		
Aeronautical Information Manual		
Air Traffic Control Procedures	Communications	Distress
Flight Operations	Emergency Procedures	Assistance
FAA-H-8083-3 - Airplane Flying Handbook		
Flight Operations	Emergency Procedures	Engine Failure
PLT221		
FAA-H-8083-3 - Airplane Flying Handbook		
Flight Operations	Approach	Go Around
Flight Operations	Landing	Crosswind Approach / Landing
PLT222		
Aeronautical Information Manual		
Air Traffic Control Procedures	Communications	Intersection Takeoff
PLT281		
Airport/Facility Directory		
Navigation	Pilotage	Airport / Facility Directory
PLT323		
Aeronautical Information Manual		
Navigation	Pilotage	NOTAMS
Publications	NOTAMs	FDC NOTAMs
PLT366		
49 CFR part 830 Notification and Reporting of Aircraft Accidents		
Regulations	NTSB Part 830	Incident Reports

PLT369		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Parachutes
PLT370		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	ATC Clearances
Aeronautical Information Manual		
Airspace	Controlled	Clearance
Airspace	Controlled	Services Provided
PLT371		
14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1	Certification of Aircraft
PLT372		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	100 Hour Inspection
Regulations	14CFR Part 91	Maintenance Inspections
PLT374		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Aircraft Return to Service
Regulations	14CFR Part 91	Airworthiness Certificate
PLT375		
14 CFR part 43 Maintenance, Preventive Maintenance, Rebuilding, and Alteration		
Regulations	14CFR Part 43	Preventive Maintenance
PLT376		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Special VFR
PLT377		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airworthiness Certificate
PLT378		
14 CFR part 39 Airworthiness Directives		
Regulations	14CFR Part 39	Airworthiness Directives
PLT383		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Minimum Safe Altitudes
PLT393		
Aeronautical Information Manual		
Airspace	Communications	Restricted Areas
Airspace	Special Use	MOA
Airspace	Special Use	Restricted Areas
PLT395		
14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1	Night
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	High Performance
PLT399		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Inspection of Certificate
Regulations	14CFR Part 61	Pilot Certificate
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14 CFR part 91 General Operating and Flight Rules		
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14 CFR part 91 General Operating and Flight Rules		
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PLT411		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	PIC Recent Flight Experience
PLT414		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Right-of-Way
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14 CFR part 39 Airworthiness Directives		
Regulations	14CFR Part 39	Airworthiness Directives

PLT427			
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors			
Regulations	14CFR Part 61		Medical Certificates
PLT430			
14 CFR part 91 General Operating and Flight Rules			
Regulations	14CFR Part 91		Minimum Safe Altitudes
PLT435			
Aeronautical Information Manual			
Airport Operations	Communications		Inbound
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PLT438			
14 CFR part 91 General Operating and Flight Rules			
Regulations	14CFR Part 91		Supplemental Oxygen
PLT442			
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors			
Regulations	14CFR Part 61		Flight Review
Regulations	14CFR Part 61		PIC Recent Flight Experience
PLT444			
14 CFR part 91 General Operating and Flight Rules			
Regulations	14CFR Part 91		Preflight Actions
Aeronautical Information Manual			
Airspace	Special Use		Alert Areas
PLT445			
14 CFR part 91 General Operating and Flight Rules			
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PLT447			
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors			
Regulations	14CFR Part 61		Medical Certificates
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14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors			
Regulations	14CFR Part 61		Privileges and Limitations
PLT449			
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors			
Regulations	14CFR Part 61		Flight Review
PLT451			
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors			
Regulations	14CFR Part 61		Privileges and Limitations
Regulations	14CFR Part 61		TypeRating
PLT455			
Aeronautical Information Manual			
Navigation	Pilotage		Flight Plan
PLT466			
14 CFR part 1 Definitions and Abbreviations			
Regulations	14CFR Part 1		V Speeds
PLT467			
14 CFR part 91 General Operating and Flight Rules			
Regulations	14CFR Part 91		VFR Cruising Altitude / Flight Level
PLT502			
14 CFR part 91 General Operating and Flight Rules			
Regulations	14CFR Part 91		Light Gun Signals
PLT506			
14 CFR part 1 Definitions and Abbreviations			
Regulations	14CFR Part 1		V Speeds
PLT509			
Aeronautical Information Manual			
Flight Operations	Wake Turbulence		Vortex Avoidance
Flight Operations	Wake Turbulence		Vortex Behavior

**PRIVATE PILOT—ROTORCRAFT/HELICOPTER (PRH)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—ROTORCRAFT/HELICOPTER (PRH)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT005 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Density Altitude
PLT012 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
Navigation	Radio	VOR
PLT014 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	ADF / NDB
PLT019 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Density Altitude
Aircraft Performance	Computations	Pressure Altitude
PLT021 FAA-H-8083-1 - Aircraft Weight and Balance Handbook Weight and Balance	Center of Gravity	Computations
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weight and Balance	Center of Gravity	Computations
PLT023 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Altitude
PLT027 FAA-H-8083-21 - Helicopter Flying Handbook Aerodynamics	Principles of Flight	Coning
PLT040 Aeronautical Information Manual Airspace	Controlled	Class B
Sectional Aeronautical Chart Navigation	Pilotage	Airspace
PLT041 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Flight Instruments	Altimeter
PLT044 14 CFR part 91 General Operating and Flight Rules Regulations	14CFR Part 91	Two-Way Radio Communications
Aeronautical Information Manual Airport Operations	Tower Controlled	Ground Operations
PLT059 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT061 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Pilot Weather Reports
Aeronautical Information Manual Weather	Aeronautical Weather Reports	Pilot Weather Reports
PLT063 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Radar Summary
PLT064 Aeronautical Information Manual Airport Operations	Uncontrolled	Radio Communications
Airspace	Controlled	Class E
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
Navigation	Radio	VOR
Sectional Aeronautical Chart Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace

PLT071 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Weather Depiction Charts
PLT072 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
PLT077 Aeronautical Information Manual Airport Operations	Marking / Signs	Airport Markings
PLT090 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	VOR
PLT091 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	ADF / NDB
PLT097 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Human Factors	Aeromedical Factors	Carbon Monoxide Poisoning
PLT099 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Flight Operations	Night	Scan
PLT101 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
Navigation	Radio	VOR
Sectional Aeronautical Chart Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
PLT112 FAA-H-8083-21 - Helicopter Flying Handbook Aircraft Systems	Flight Controls / Primary	Collective Pitch
PLT115 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Powerplant	Ignition
PLT119 FAA-H-8083-3 - Airplane Flying Handbook Flight Operations	Collision Avoidance	Aircraft Position Lights
PLT120 FAA-H-8083-21 - Helicopter Flying Handbook Aerodynamics	Principles of Flight	Retreating Blade Stall
FAA-H-8083-21 - Rotorcraft Flying Handbook Aerodynamics	Principles of Flight	Retreating Blade Stall
PLT124 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Density Altitude
PLT129 FAA-H-8083-21 - Helicopter Flying Handbook Flight Operations	Takeoff	Helicopter
PLT131 FAA-H-8083-21 - Rotorcraft Flying Handbook Aircraft Performance	Atmospheric Effects	Ground Effect
PLT136 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Powerplant	Carburetor
PLT141 Aeronautical Information Manual Airport Operations	Marking / Signs	Direction Signs
Airport Operations	Marking / Signs	Runway
Airport Operations	Marking / Signs	Taxiway

PLT161[14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes](#)

Regulations	14CFR Part 71	Airspace
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[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Aircraft Speed
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Regulations	14CFR Part 91	Airspace
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Regulations	14CFR Part 91	Special VFR
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Regulations	14CFR Part 91	Transponder Operations
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[Aeronautical Information Manual](#)

Aircraft Systems	Avionics	Transponder
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Airport Operations	Tower Controlled	Special VFR
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Airspace	Controlled	Class C
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Airspace	Controlled	Class D
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[Airport/Facility Directory](#)

Publications	Airport Facility Directory	Airport Remarks
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[Sectional Aeronautical Chart](#)

Airspace	Controlled	Class C
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Airspace	Uncontrolled	Class G
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PLT163[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Class D Operations
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PLT165[AC 00-6 - Aviation Weather](#)

Weather	Meteorology	Temperature
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PLT168[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Principles of Flight	Angle of Attack
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PLT169[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Flight Operations	Emergency Procedures	Approach / Landing
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PLT170[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Flight Operations	Landing	Slope
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PLT173[AC 00-6 - Aviation Weather](#)

Weather	Meteorology	Stability
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PLT175[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Flight Operations	Emergency Procedures	Helicopter
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PLT189[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Powerplant	Carburetor Heat
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PLT190[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Powerplant	Carburetor
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PLT191[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems	Powerplant	Carburetor
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PLT192[AC 00-6 - Aviation Weather](#)

Weather	Meteorology	Clouds
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Weather	Meteorology	Stability
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Weather	Meteorology	Thunderstorms
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PLT194[Aeronautical Information Manual](#)

Flight Operations	Collision Avoidance	Maneuvers
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Spatial Disorientation
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PLT197[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aerodynamics	Principles of Flight	Coriolis Effect
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PLT199[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aerodynamics	Principles of Flight	Flight Controls
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PLT200[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Navigation	Pilotage	Calculations
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PLT208	FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Emergency Procedures		Engine Failure
PLT215	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments		Magnetic Compass
PLT217	FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Maneuvers		Advanced
PLT222	FAA-H-8083-21 - Helicopter Flying Handbook		
Flight Operations	Takeoff		Helicopter
PLT226	AC 00-6 - Aviation Weather		
Weather	Meteorology		Fog
PLT242	FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight		Helicopter Forward Flight
FAA-H-8083-21 - Rotorcraft Flying Handbook			
Aerodynamics	Principles of Flight		Dissymmetry of Lift
PLT249	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant		Carburetor Heat
PLT250	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant		Fuel Grade
Aircraft Systems	Powerplant		Fueling
PLT263	AC 00-6 - Aviation Weather		
Weather	Meteorology		Thunderstorms
Weather	Meteorology		Turbulence
PLT268	FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight		Helicopter Hovering Flight
PLT274	AC 00-6 - Aviation Weather		
Weather	Meteorology		Icing
PLT284	AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Forecasts		Wind and Temperature Aloft Forecast
PLT285	FAA-H-8083-21 - Helicopter Flying Handbook		
Aircraft Performance	Charts		Helicopter
Aircraft Performance	Computations		Climb
Flight Operations	Maneuvers		Basic
PLT289	AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps		Weather Depiction Charts
PLT290	AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Forecasts		AIRMETS/SIGMETS
Weather	Hazardous		Thunderstorms
Aeronautical Information Manual			
Weather	Aeronautical Weather Forecasts		SIGMETS
PLT301	AC 00-6 - Aviation Weather		
Weather	Meteorology		Temperature
PLT324	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant		Oil System
PLT328	FAA-H-8083-1 - Aircraft Weight and Balance Handbook		
Weight and Balance	Center of Gravity		Computations
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Weight and Balance	Aircraft Loading		Equipment List
PLT332	Aeronautical Information Manual		
Human Factors	Aeromedical Factors		Fitness for Flight

PLT334			
	Aeronautical Information Manual		
	Human Factors	Aeromedical Factors	Spatial Disorientation
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
	Human Factors	Aeromedical Factors	Spatial Disorientation
PLT335			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
	Navigation	Radio	VOR
PLT337			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
	Aircraft Systems	Pitot / Static	Blockage
PLT342			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
	Aircraft Systems	Powerplant	Oil System
PLT353			
	AC 00-45 - Aviation Weather Services		
	Weather	Charts / Maps	Radar Summary
PLT366			
	49 CFR part 830 Notification and Reporting of Aircraft Accidents		
	Regulations	NTSB Part 830	Accident Reports
	Regulations	NTSB Part 830	Immediate Notification to NTSB
	Regulations	NTSB Part 830	Incident Reports
	Regulations	NTSB Part 830	Preservation of Aircraft Wreckage
PLT372			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Annual Inspection
PLT373			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Aircraft Operating Limitations
PLT374			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Airworthiness
PLT375			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Aircraft Return to Service
PLT376			
	Aeronautical Information Manual		
	Airspace	Other	Wildlife Refuges
PLT377			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Airworthiness Certificate
PLT381			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Altimeter Settings
PLT384			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Seat Belts
PLT387			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
	Regulations	14CFR Part 61	Change of Address
PLT393			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Airspace
	Aeronautical Information Manual		
	Airspace	Special Use	MOA
	Airspace	Special Use	Restricted Areas
PLT399			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
	Regulations	14CFR Part 61	Medical Certificates
	Regulations	14CFR Part 61	Pilot Certificate
PLT401			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	PIC Responsibility / Authority
PLT403			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	ATC Clearances

PLT411	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors	
Regulations	14CFR Part 61	PIC Recent Flight Experience
PLT413	14 CFR part 91 General Operating and Flight Rules	
Regulations	14CFR Part 91	Fuel Requirements
PLT431	14 CFR part 91 General Operating and Flight Rules	
Regulations	14CFR Part 91	Formation Flight
PLT442	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors	
Regulations	14CFR Part 61	PIC Recent Flight Experience
PLT444	14 CFR part 91 General Operating and Flight Rules	
Regulations	14CFR Part 91	PIC Responsibility / Authority
PLT445	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	
Airport Operations	Preflight	Pilot Responsibility
PLT446	14 CFR part 43 Maintenance, Preventive Maintenance, Rebuilding, and Alteration	
Regulations	14CFR Part 43	Preventive Maintenance
PLT447	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors	
Regulations	14CFR Part 61	Medical Certificates
PLT448	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors	
Regulations	14CFR Part 61	Privileges and Limitations
PLT449	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors	
Regulations	14CFR Part 61	Flight Review
PLT463	14 CFR part 91 General Operating and Flight Rules	
Regulations	14CFR Part 91	Alcohol or Drugs
PLT464	14 CFR part 91 General Operating and Flight Rules	
Regulations	14CFR Part 91	PIC Responsibility / Authority
PLT465	14 CFR part 91 General Operating and Flight Rules	
Regulations	14CFR Part 91	Seat Belts
PLT467	14 CFR part 91 General Operating and Flight Rules	
Regulations	14CFR Part 91	Flight Rules General
PLT470	FAA-H-8083-21 - Helicopter Flying Handbook	
Aerodynamics	Principles of Flight	Coriolis Effect
Aerodynamics	Principles of Flight	Retreating Blade Stall
Aircraft Systems	Flight Controls / Primary	Tail Rotor
PLT478	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	
Aircraft Systems	Powerplant	Ignition
Aircraft Systems	Powerplant	Magnetos
PLT486	FAA-H-8083-21 - Helicopter Flying Handbook	
Flight Operations	Takeoff	Helicopter
PLT493	AC 00-6 - Aviation Weather	
Weather	Meteorology	Moisture
PLT495	AC 00-6 - Aviation Weather	
Weather	Meteorology	Thunderstorms
PLT509	Aeronautical Information Manual	
Airport Operations	Wake Turbulence	Strength
Airport Operations	Wake Turbulence	Vortex Avoidance
Flight Operations	Wake Turbulence	Vortex Behavior

PLT511

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

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

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

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

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

Weather	Meteorology	Windshear
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**PRIVATE PILOT—ROTORCRAFT/GYROPLANE (PRG)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—ROTORCRAFT/GYROPLANE (PRG)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT012 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
PLT013 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Computations	Crosswind
PLT021 FAA-H-8083-21 - Rotorcraft Flying Handbook Weight and Balance	Center of Gravity	Computations
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weight and Balance	Center of Gravity	Computations
PLT023 AC 00-6 - Aviation Weather Weather	Meteorology	Pressure
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Flight Instruments	Altimeter
PLT026 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT027 FAA-H-8083-21 - Helicopter Flying Handbook Aerodynamics	Principles of Flight	Coning
PLT040 Aeronautical Information Manual Airspace	Controlled	Class B
PLT041 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Flight Instruments	Altimeter
PLT044 Aeronautical Information Manual Airport Operations	Uncontrolled	Radio Communications
PLT059 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT064 Aeronautical Information Manual Airspace	Other	Military Training Routes
Sectional Aeronautical Chart Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
PLT072 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
PLT075 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Weather Depiction Charts
PLT077 Aeronautical Information Manual Airport Operations	Marking / Signs	Airport Markings
Airport Operations	Marking / Signs	Displaced Threshold
PLT090 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	VOR
PLT091 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Radio	ADF / NDB
PLT097 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Human Factors	Aeromedical Factors	Carbon Monoxide Poisoning

PLT101		
Sectional Aeronautical Chart		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
PLT115		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Ignition
PLT120		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Aerodynamics	Principles of Flight	Retreating Blade Stall
PLT124		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Performance	Atmospheric Effects	High Humidity
Aircraft Performance	Computations	Density Altitude
PLT131		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Aircraft Performance	Atmospheric Effects	Ground Effect
PLT141		
Aeronautical Information Manual		
Airport Operations	Marking / Signs	Direction Signs
FAA-H-8083-3 - Airplane Flying Handbook		
Airport Operations	Lighting	Taxiway
PLT161		
14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes		
Regulations	14CFR Part 71	Airspace
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Aircraft Speed
Aeronautical Information Manual		
Airport Operations	Tower Controlled	Special VFR
Airspace	Controlled	Class C
Airspace	Controlled	Class D
Airport/Facility Directory		
Publications	Airport Facility Directory	Airport Remarks
Sectional Aeronautical Chart		
Airspace	Controlled	Class C
PLT163		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Class D Operations
PLT167		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Pressure
PLT168		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Principles of Flight	Angle of Attack
PLT190		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Carburetor
PLT199		
FAA-H-8083-21 - Helicopter Flying Handbook		
Aerodynamics	Principles of Flight	Flight Controls
PLT204		
Aeronautical Information Manual		
Flight Operations	Normal Procedures	2-Way Radio
PLT226		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Fog
PLT242		
FAA-H-8083-21 - Rotorcraft Flying Handbook		
Aerodynamics	Principles of Flight	Dissymmetry of Lift
PLT249		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Mixture Control
PLT253		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Electric Fuel Pump

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

PLT445		
Aeronautical Information Manual		
Weather	Aeronautical Weather Reports	Weather Briefings
PLT446		
14 CFR part 43 Maintenance, Preventive Maintenance, Rebuilding, and Alteration		
Regulations	14CFR Part 43	Preventive Maintenance
PLT449		
14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61	Flight Review
PLT478		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Ignition
Aircraft Systems	Powerplant	Magnetos
PLT493		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Moisture
PLT506		
14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1	V Speeds
PLT509		
Aeronautical Information Manual		
Airport Operations	Wake Turbulence	Strength
Airport Operations	Wake Turbulence	Vortex Avoidance
PLT512		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Fog
PLT514		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weather	Aeronautical Weather Reports	Weather Briefings
PLT518		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weather	Meteorology	Windshear

PRIVATE PILOT—GLIDER (PGL)
Sample Questions

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—GLIDER (PGL)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT006 FAA-H-8083-13 - Glider Flying Handbook		
Flight Operations	Soaring Techniques	Performance
PLT012 FAA-H-8083-13 - Glider Flying Handbook		
Flight Operations	Soaring Techniques	Performance
Navigation	Dead Reckoning	Calculations
Navigation	Pilotage	Calculations
PLT021 FAA-H-8083-13 - Glider Flying Handbook		
Weight and Balance	Center of Gravity	Computations
PLT023 AC 00-6 - Aviation Weather		
Weather	Meteorology	Pressure
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Altitude
PLT026 AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT039 Aeronautical Information Manual		
Airport Operations	Marking / Signs	Segmented Circle
PLT040 Sectional Aeronautical Chart		
Navigation	Pilotage	Airspace
PLT041 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT044 14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Two-Way Radio Communications
PLT054 FAA-H-8083-13 - Glider Flying Handbook		
Aerodynamics	Principles of Flight	Performance
Flight Operations	X-C	Performance
PLT059 AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT064 14 CFR part 91 General Operating and Flight Rules		
Navigation	Pilotage	Visibility & Cloud Clearance
Aeronautical Information Manual		
Airspace	Controlled	Class E
Airspace	Other	Military Training Routes
Airspace	Special Use	MOA
FAA-H-8083-13 - Glider Flying Handbook		
Weather	Meteorology	Convergence
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
Sectional Aeronautical Chart		
Navigation	Pilotage	Aeronautical Charts
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PLT075 AC 00-45 - Aviation Weather Services		
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PLT077[Aeronautical Information Manual](#)

Airport Operations Marking / Signs Tetrahedron

Airport Operations Marking / Signs Traffic Pattern

PLT101[14 CFR part 91 General Operating and Flight Rules](#)

Navigation Pilotage Visibility & Cloud Clearance

[Aeronautical Information Manual](#)

Navigation Pilotage Flight Plans

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

Navigation Pilotage Calculations

[Sectional Aeronautical Chart](#)

Navigation Pilotage Aeronautical Charts

Navigation Pilotage Airspace

Publications Aeronautical Charts Sectionals

PLT116[www.faa.gov - Search for ACs](#)

Publications Advisory Circulars Obtaining AC's

PLT120[AC 00-6 - Aviation Weather](#)

Weather Meteorology Thunderstorms

PLT131[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance Atmospheric Effects Ground Effect

PLT132[FAA-H-8083-13 - Glider Flying Handbook](#)

Flight Operations X-C Performance

PLT141[Aeronautical Information Manual](#)

Airport Operations Lighting Rotating Beacon

Airport Operations Marking / Signs Direction Signs

Airport Operations Marking / Signs Runway

Airport Operations Marking / Signs Taxiway

PLT161[14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes](#)

Regulations 14CFR Part 71 Airspace

[Aeronautical Information Manual](#)

Airspace Controlled Class C

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[Airport/Facility Directory](#)

Publications Airport Facility Directory Airport Remarks

[Sectional Aeronautical Chart](#)

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PLT163[14 CFR part 91 General Operating and Flight Rules](#)

Regulations 14CFR Part 91 Class D Operations

PLT165[AC 00-6 - Aviation Weather](#)

Weather Meteorology Temperature

PLT166[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems Flight Instruments Altimeter

PLT167[AC 00-6 - Aviation Weather](#)

Weather Meteorology Pressure

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

Aircraft Systems Flight Instruments Altimeter

PLT168[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics Principles of Flight Angle of Attack

PLT173[AC 00-6 - Aviation Weather](#)

Weather Meteorology Stability

PLT185		
FAA-H-8083-13 - Glider Flying Handbook		
Aerodynamics	Principles of Flight	Turns
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PLT192		
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Weather	Meteorology	Clouds
Weather	Meteorology	Stability
PLT194		
Aeronautical Information Manual		
Air Traffic Control Procedures	En Route	Radar
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PLT200		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
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Weather	Meteorology	Pressure
PLT215		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
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PLT235		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aerodynamics	Stability / Control	Rudder
PLT241		
FAA-H-8083-13 - Glider Flying Handbook		
Aerodynamics	Principles of Flight	Horizontal Lift
PLT245		
FAA-H-8083-3 - Airplane Flying Handbook		
Aerodynamics	Stall / Spins	Spins
PLT289		
AC 00-45 - Aviation Weather Services		
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PLT290		
AC 00-45 - Aviation Weather Services		
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Weather	Aeronautical Weather Forecasts	SIGMETS
PLT301		
AC 00-6 - Aviation Weather		
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PLT304		
FAA-H-8083-13 - Glider Flying Handbook		
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Flight Operations	Launch Procedures	Climbing Turns
Soaring Flight Manual		
Flight Operations	Launch Procedures	Porpoising
PLT311		
FAA-H-8083-13 - Glider Flying Handbook		
Aerodynamics	Load Factor	Airspeed
PLT316		
AC 00-45 - Aviation Weather Services		
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Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT328		
FAA-H-8083-13 - Glider Flying Handbook		
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PLT332		
Aeronautical Information Manual		
Human Factors	Aeromedical Factors	Fitness for Flight
PLT334		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
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PLT337			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
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	14 CFR part 91 General Operating and Flight Rules		
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PLT371			
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PLT407			
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PLT414			
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	14 CFR part 91 General Operating and Flight Rules		
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PLT444			
	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		PIC Responsibility / Authority
PLT445			
	AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports		Weather Briefings
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Weather	Aeronautical Weather Reports		Weather Briefings
PLT446			
	14 CFR part 43 Maintenance, Preventive Maintenance, Rebuilding, and Alteration		
Regulations	14CFR Part 43		Preventive Maintenance

PLT447			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
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PLT448			
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	14 CFR part 91 General Operating and Flight Rules		
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	14 CFR part 91 General Operating and Flight Rules		
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PLT467			
	14 CFR part 91 General Operating and Flight Rules		
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PLT468			
	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		Airspace
PLT493			
	AC 00-6 - Aviation Weather		
Weather	Meteorology		Moisture
PLT494			
	AC 00-6 - Aviation Weather		
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PLT495			
	AC 00-6 - Aviation Weather		
Weather	Meteorology		Thunderstorms
PLT502			
	FAA-H-8083-13 - Glider Flying Handbook		
Flight Operations	Launch Procedures		Inflight Aerotow Visual Signals
Flight Operations	Launch Procedures		Launch & Recovery Hand Signals
Flight Operations	Launch Procedures		Tow Speeds
PLT509			
	Aeronautical Information Manual		
Airport Operations	Wake Turbulence		Strength
Airport Operations	Wake Turbulence		Vortex Avoidance
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	AC 00-6 - Aviation Weather		
Weather	Meteorology		Stability
PLT512			
	AC 00-6 - Aviation Weather		
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Weather	Aeronautical Weather Forecasts		Aviation Area Forecasts (FA)
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Weather	Meteorology		Wind

**PRIVATE PILOT—BALLOON—HOT AIR (PBH)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—BALLOON—HOT AIR (PBH)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT023		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Altitude
PLT026		
AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT040		
Sectional Aeronautical Chart		
Navigation	Pilotage	Airspace
PLT041		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT044		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Two-Way Radio Communications
PLT057		
FAA-H-8083-11 - Balloon Flying Handbook		
Aircraft Performance	Computations	Altitude
Weight	Performance	Calculations
PLT059		
AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
PLT063		
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Weather	Charts / Maps	Radar Summary
PLT064		
Aeronautical Information Manual		
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Airspace	Other	Military Training Routes
Airspace	Special Use	MOA
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Calculations
Sectional Aeronautical Chart		
Navigation	Pilotage	Aeronautical Charts
Publications	Airport Facility Directory	Parachute Jumping
PLT068		
AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps	Significant Weather Prognostic Charts
PLT071		
AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps	Weather Depiction Charts
PLT072		
AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
PLT075		
AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps	Weather Depiction Charts
PLT101		
14 CFR part 91 General Operating and Flight Rules		
Navigation	Pilotage	Visibility & Cloud Clearance
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Navigation	Pilotage	Calculations
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Publications	Aeronautical Charts	Sectionals
PLT114		
FAA-H-8083-11 - Balloon Flying Handbook		
Aircraft Systems	Structures	Balloon

PLT141		
Aeronautical Information Manual		
Airport Operations	Lighting	Rotating Beacon
PLT161		
14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes		
Regulations	14CFR Part 71	Airspace
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Airspace	Controlled	Class D
Airport/Facility Directory		
Publications	Airport Facility Directory	Airport Remarks
Sectional Aeronautical Chart		
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PLT163		
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Class D Operations
PLT165		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Temperature
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT166		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT170		
FAA-H-8083-11 - Balloon Flying Handbook		
Flight Operations	Approach	High-Wind Landing
PLT173		
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Weather	Meteorology	Stability
PLT177		
FAA-H-8083-1 - Aircraft Weight and Balance Handbook		
Weight and Balance	Aircraft Loading	Definitions
FAA-H-8083-11 - Balloon Flying Handbook		
Aircraft Systems	Burner	Rating (BTU)
Aircraft Systems	Fuel/Oil	Fuel System Preflight
Flight Operations	Emergency Procedures	Balloon
Flight Operations	Landing	Touchdown
Flight Operations	Level Flight	Altitude Control
PLT179		
FAA-H-8083-11 - Balloon Flying Handbook		
Aerodynamics	Principles of Flight	Performance
PLT181		
FAA-H-8083-11 - Balloon Flying Handbook		
Aerodynamics	Principles of Flight	Physics
PLT184		
FAA-H-8083-11 - Balloon Flying Handbook		
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AC 00-6 - Aviation Weather		
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Human Factors	Aeromedical Factors	Fitness for Flight
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
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FAA-H-8083-11 - Balloon Flying Handbook			
Flight Operations	Launch Procedures		False Lift
FAA-P-8740-39 - Balloon Safety Tips			
Flight Operations	Launch Procedures		False Lift
PLT251			
Balloon Ground School			
Aircraft Systems	Fuel/Oil		Liquid Propane
PLT254			
FAA-H-8083-11 - Balloon Flying Handbook			
Aircraft Systems	Fuel/Oil		Fueling
Aircraft Systems	Fuel/Oil		Tanks
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PLT290			
AC 00-45 - Aviation Weather Services			
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Weather	Aeronautical Weather Forecasts		SIGMETS
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Weather	Meteorology		Temperature
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AC 00-45 - Aviation Weather Services			
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Regulations	NTSB Part 830		Immediate Notification to NTSB
Regulations	NTSB Part 830		Incident Reports
Regulations	NTSB Part 830		Preservation of Aircraft Wreckage
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14 CFR part 91 General Operating and Flight Rules			
Regulations	14CFR Part 91		100 Hour Inspection
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14 CFR part 91 General Operating and Flight Rules			
Regulations	14CFR Part 91		Aircraft Operating Limitations
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14 CFR part 91 General Operating and Flight Rules			
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PLT377			
14 CFR part 91 General Operating and Flight Rules			
Regulations	14CFR Part 91		Airworthiness Certificate
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14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors			
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Regulations	14CFR Part 91		Airspace
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Regulations	14CFR Part 61		Inspection of Certificate
PLT400			
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PLT411			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		PIC Recent Flight Experience
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	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Flight Review
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	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		Airspace
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	AC 00-6 - Aviation Weather		
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Weather	Meteorology		Moisture
Weather	Meteorology		Stability
Weather	Meteorology		Temperature
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	AC 00-45 - Aviation Weather Services		
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Weather	Aeronautical Weather Reports		Weather Briefings
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weather	Aeronautical Weather Reports		Weather Briefings
PLT516			
	AC 00-6 - Aviation Weather		
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PRIVATE PILOT—BALLOON—GAS (PBG)
Sample Questions

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—BALLOON—GAS (PBG)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT012 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Navigation	Pilotage	Calculations
PLT023 AC 00-6 - Aviation Weather		
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
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Aircraft Systems	Flight Instruments	Altitude
PLT040 Sectional Aeronautical Chart		
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PLT041 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT044 14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Two-Way Radio Communications
PLT059 AC 00-45 - Aviation Weather Services		
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
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PLT071 AC 00-45 - Aviation Weather Services		
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PLT072 AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports	Terminal Aerodrome Forecasts (TAF)
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PLT114 FAA-H-8083-11 - Balloon Flying Handbook		
Aircraft Systems	Structures	Balloon
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Regulations	14CFR Part 91	Class D Operations
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Altimeter
PLT173		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Stability
PLT179		
FAA-H-8083-11 - Balloon Flying Handbook		
Aerodynamics	Principles of Flight	Performance
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AC 00-6 - Aviation Weather		
Weather	Meteorology	Stability
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Human Factors	Aeromedical Factors	Spatial Disorientation
PLT208		
FAA-H-8083-11 - Balloon Flying Handbook		
Flight Operations	Emergency Procedures	Approach / Landing
PLT226		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Fog
PLT237		
FAA-P-8740-39 - Balloon Safety Tips		
Flight Operations	Launch Procedures	False Lift
PLT289		
AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps	Weather Depiction Charts
PLT301		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Temperature
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Aeronautical Information Manual		
Human Factors	Aeromedical Factors	Fitness for Flight
PLT332		
Aeronautical Information Manual		
Human Factors	Aeromedical Factors	Fitness for Flight
PLT334		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Human Factors	Aeromedical Factors	Spatial Disorientation
PLT345		
AC 00-6 - Aviation Weather		
Weather	Meteorology	Pressure
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weather	Meteorology	Pressure
PLT353		
AC 00-45 - Aviation Weather Services		
Weather	Charts / Maps	Radar Summary

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	49 CFR part 830 Notification and Reporting of Aircraft Accidents		
Regulations	NTSB Part 830		Immediate Notification to NTSB
PLT373			
	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		Aircraft Operating Limitations
PLT376			
	Aeronautical Information Manual		
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	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		Airworthiness Certificate
PLT387			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Change of Address
PLT389			
	FAA-H-8083-11 - Balloon Flying Handbook		
Flight Operations	Launch Procedures		Location and Obstacles
PLT393			
	Aeronautical Information Manual		
Airspace	Special Use		MOA
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PLT395			
	14 CFR part 1 Definitions and Abbreviations		
Regulations	14CFR Part 1		Night
PLT399			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Pilot Certificate
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	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
Regulations	14CFR Part 61		Medical Certificates
PLT444			
	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		PIC Responsibility / Authority
	Aeronautical Information Manual		
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PLT445			
	AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Forecasts		Wind and Temperature Aloft Forecast
PLT448			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
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PLT449			
	14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors		
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PLT467			
	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		Airspace
Regulations	14CFR Part 91		Flight Rules General
PLT468			
	14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91		Airspace
PLT511			
	AC 00-6 - Aviation Weather		
Weather	Meteorology		Fronts
Weather	Meteorology		Stability
PLT512			
	AC 00-6 - Aviation Weather		
Weather	Meteorology		Moisture
Weather	Meteorology		Temperature
PLT514			
	AC 00-45 - Aviation Weather Services		
Weather	Aeronautical Weather Reports		Weather Briefings
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Weather	Aeronautical Weather Reports		Weather Briefings
PLT516			
	AC 00-6 - Aviation Weather		
Weather	Meteorology		Wind

**PRIVATE PILOT—LIGHTER-THAN-AIR—AIRSHIP (PLA)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—LIGHTER-THAN-AIR—AIRSHIP (PLA)

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

PLT115		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Powerplant	Ignition
PLT116		
www.faa.gov - Search for ACs		
Publications	Advisory Circulars	Subject Numbering
PLT119		
FAA-H-8083-3 - Airplane Flying Handbook		
Flight Operations	Collision Avoidance	Aircraft Position Lights
PLT124		
Airship Aerodynamics Technical Manual		
Aerodynamics	Principles of Flight	Forces Acting on Aircraft
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Performance	Computations	Density Altitude
PLT133		
Airship Aerodynamics Technical Manual		
Flight Operations	Maneuvers	Basic
PLT151		
Navy Lighter-Than-Air Airship Flight Manual		
Aerodynamics	Principles of Flight	Forces Acting on Aircraft
PLT153		
Airship Aerodynamics Technical Manual		
Aircraft Performance	Limitations	Airship
Flight Operations	Maneuvers	Basic
Flight Operations	Normal Procedures	Buoyancy
Flight Operations	Normal Procedures	Level Flight
Flight Operations	Positive Aircraft Control	Descent - Through Inversion
Weight and Balance	Aircraft Loading	Ballast
PLT161		
14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes		
Regulations	14CFR Part 71	Airspace
14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Airspace
Aeronautical Information Manual		
Aircraft Systems	Avionics	Transponder
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Publications	Airport Facility Directory	Airport Remarks
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14 CFR part 91 General Operating and Flight Rules		
Regulations	14CFR Part 91	Class D Operations
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AC 00-6 - Aviation Weather		
Weather	Meteorology	Temperature
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AC 00-6 - Aviation Weather		
Weather	Meteorology	Stability
PLT194		
Aeronautical Information Manual		
Human Factors	Aeromedical Factors	Fitness for Flight
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Airship Aerodynamics Technical Manual		
Flight Operations	Emergency Procedures	Approach / Landing
PLT215		
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
Aircraft Systems	Flight Instruments	Magnetic Compass
PLT221		
Airship Aerodynamics Technical Manual		
Aerodynamics	Performance	Airship
Flight Operations	Approach	Landing
Flight Operations	Takeoff	Airship

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

PLT506

[14 CFR part 1 Definitions and Abbreviations](#)

Regulations

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V Speeds

PLT511

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

Weather

Meteorology

Fronts

Weather

Meteorology

Stability

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

Weather

Aeronautical Weather Reports

Weather Briefings

**PRIVATE PILOT—POWERED PARACHUTE (PPP)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—POWERED PARACHUTE (PPP)

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

PLT075 AC 00-45 - Aviation Weather Services Weather	Charts / Maps	Weather Depiction Charts
PLT076 AC 00-45 - Aviation Weather Services Weather	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weather	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast
PLT077 Aeronautical Information Manual Airport Operations	Marking / Signs	Displaced Threshold
PLT092 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Weight and Balance	Aircraft Loading	Weight & Balance Diagram
PLT099 Aeronautical Information Manual Flight Operations	Collision Avoidance	Vision in Flight
PLT101 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Navigation	Pilotage	Calculations
Sectional Aeronautical Chart Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals
PLT103 AC 60-22 - Aeronautical Decision Making Human Factors	ADM	Hazardous Attitude
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Human Factors	ADM	Hazardous Attitude
PLT104 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Human Factors	ADM	Operational Pitfalls
PLT115 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Systems	Powerplant	Fueling
PLT116 www.faa.gov - Search for ACs Publications	Advisory Circulars	Aquisition
Publications	Advisory Circulars	Subject Numbering
PLT119 Aeronautical Information Manual Flight Operations	Approach	Collision Avoidance
PLT124 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Atmospheric Effects	High Humidity
Aircraft Performance	Computations	Density Altitude
PLT125 Aeronautical Information Manual Flight Operations	Normal Procedures	Scan
PLT128 AC 00-6 - Aviation Weather Weather	Meteorology	Icing
PLT131 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge Aircraft Performance	Atmospheric Effects	Ground Effect
PLT140 Aeronautical Information Manual Airport Operations	LAHSO	Procedures & Responsibility

PLT141[14 CFR part 91 General Operating and Flight Rules](#)

Regulations 14CFR Part 91 Light Gun Signals

[Aeronautical Information Manual](#)

Airport Operations Lighting Rotating Beacon

Airport Operations Marking / Signs Runway

Airport Operations Marking / Signs Taxiway

Publications AIM Contents

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

Airport Operations Lighting Taxiway

PLT147[Aeronautical Information Manual](#)

Airport Operations Lighting VASI

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

Flight Operations Maneuvers Ground Reference

PLT150[Aeronautical Information Manual](#)

Airspace Uncontrolled Airport Advisory Areas

PLT161[14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes](#)

Regulations 14CFR Part 71 Airspace

[14 CFR part 91 General Operating and Flight Rules](#)

Regulations 14CFR Part 91 Airspace

[Aeronautical Information Manual](#)

Airspace Controlled Class C

Airspace Controlled Class D

[Airport/Facility Directory](#)

Publications Airport Facility Directory Airport Remarks

[Sectional Aeronautical Chart](#)

Airspace Controlled Class C

Airspace Uncontrolled Class G

PLT162[Aeronautical Information Manual](#)

Airspace Controlled Class D

PLT163[14 CFR part 91 General Operating and Flight Rules](#)

Regulations 14CFR Part 91 Airspace

Regulations 14CFR Part 91 Class D Operations

PLT166[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Systems Flight Instruments Altimeter

PLT170[FAA-H-8083-3 - Airplane Flying Handbook](#)

Flight Operations Landing Roundout (Flare)

Flight Operations Landing Touchdown

PLT192[AC 00-6 - Aviation Weather](#)

Weather Meteorology Clouds

PLT194[AC 90-48 - Pilots' Role in Collision Avoidance](#)

Flight Operations Collision Avoidance MidAir

[Aeronautical Information Manual](#)

Flight Operations Collision Avoidance Judging Threats

Flight Operations Collision Avoidance Maneuvers

Human Factors Aeromedical Factors Fitness for Flight

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

Human Factors Aeromedical Factors Spatial Disorientation

PLT200[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Navigation Pilotage Calculations

PLT201[14 CFR part 91 General Operating and Flight Rules](#)

Regulations 14CFR Part 91 Airport Operations

PLT204			
Aeronautical Information Manual			
Airport Operations	Communications		Radio Communications
Flight Operations	Normal Procedures		2-Way Radio
PLT207			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Systems	Electrical		Charging Systems
FAA-H-8083-29 - Powered Parachute Flying Handbook			
Aircraft Systems	Electrical		Charging Systems
PLT208			
FAA-H-8083-3 - Airplane Flying Handbook			
Flight Operations	Landing		Emergency Approaches / Landings (Actual)
PLT219			
FAA-H-8083-3 - Airplane Flying Handbook			
Flight Operations	Maneuvers		Basic
Flight Operations	Maneuvers		Ground Reference
PLT221			
FAA-H-8083-29 - Powered Parachute Flying Handbook			
Flight Operations	Landing		Roundout (Flare)
FAA-H-8083-3 - Airplane Flying Handbook			
Flight Operations	Approach		Go Around
PLT225			
Aeronautical Information Manual			
Navigation	Pilotage		Flight Plan
PLT226			
AC 00-6 - Aviation Weather			
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PLT235			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aerodynamics	Principles of Flight		Forces Acting on Aircraft
PLT242			
FAA-H-8083-1 - Aircraft Weight and Balance Handbook			
Weight and Balance	Aircraft Loading		Weight
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aerodynamics	Principles of Flight		Forces Acting on Aircraft
PLT243			
FAA-H-8083-29 - Powered Parachute Flying Handbook			
Aerodynamics	Principles of Flight		Turning Tendency
PLT271			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Human Factors	ADM		Judgement
Human Factors	ADM		Risk Management
PLT272			
AC 60-22 - Aeronautical Decision Making			
Human Factors	ADM		Stress Management
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AC 00-6 - Aviation Weather			
Weather	Meteorology		Icing
PLT281			
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Publications	Airport Facility Directory		Revisions
PLT284			
AC 00-45 - Aviation Weather Services			
Weather	Aeronautical Weather Forecasts		Wind and Temperature Aloft Forecast
PLT290			
AC 00-45 - Aviation Weather Services			
Weather	Aeronautical Weather Forecasts		AIRMETS/SIGMETS
Weather	Hazardous		Thunderstorms
PLT301			
AC 00-6 - Aviation Weather			
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PLT323			
Aeronautical Information Manual			
Air Traffic Control Procedures	Communications		Flight Service Stations
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Publications	NOTAMs		FDC NOTAMs

PLT328			
	FAA-H-8083-1 - Aircraft Weight and Balance Handbook		
	Weight and Balance	Aircraft Loading	Weight
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
	Weight and Balance	Aircraft Loading	Equipment List
PLT330			
	Aeronautical Information Manual		
	Human Factors	Aeromedical Factors	Fitness for Flight
PLT332			
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PLT334			
	FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge		
	Human Factors	Aeromedical Factors	Spatial Disorientation
PLT346			
	FAA-H-8083-29 - Powered Parachute Flying Handbook		
	Aerodynamics	Airspeed	Thrust
	Aerodynamics	Principles of Flight	Turning Tendency
	Aircraft Systems	Flight Controls / Primary	Steering Bars
PLT353			
	AC 00-45 - Aviation Weather Services		
	Weather	Charts / Maps	Radar Summary
PLT366			
	49 CFR part 830 Notification and Reporting of Aircraft Accidents		
	Regulations	NTSB Part 830	Preservation of Aircraft Wreckage
PLT370			
	Aeronautical Information Manual		
	Airspace	Controlled	Clearance
	Airspace	Controlled	Services Provided
PLT371			
	14 CFR part 1 Definitions and Abbreviations		
	Regulations	14CFR Part 1	Certification of Aircraft
	Regulations	14CFR Part 1	Certification of Airmen
PLT372			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Maintenance Inspections
PLT374			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Aircraft Return to Service
	Regulations	14CFR Part 91	Airworthiness Certificate
PLT376			
	Aeronautical Information Manual		
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	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Airworthiness Certificate
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	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Altimeter Settings
PLT384			
	14 CFR part 91 General Operating and Flight Rules		
	Regulations	14CFR Part 91	Seat Belts
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	Aeronautical Information Manual		
	Air Traffic Control Procedures	Communications	Distress
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	Aeronautical Information Manual		
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	Airspace	Special Use	Restricted Areas
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Weather	Meteorology	Stability

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Weather	Aeronautical Weather Forecasts	Terminal Aerodrome Forecasts (TAF)

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

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

Aerodynamics	Principles of Flight	Forces Acting on Aircraft
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**PRIVATE PILOT—WEIGHT-SHIFT CONTROL (PWS)
Sample Questions**

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.

LIST OF REFERENCE MATERIALS SPECIFIC TO THE PRIVATE PILOT—WEIGHT-SHIFT CONTROL (PWS)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
PLT003 FAA-H-8083-1 - Aircraft Weight and Balance Handbook	Weight and Balance	Center of Gravity
		Formulas
PLT008 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	Aircraft Performance	Computations
		Landing Distance
PLT012 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	Navigation	Dead Reckoning
	Navigation	Dead Reckoning
	Navigation	Pilotage
PLT013 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	Aircraft Performance	Computations
		Crosswind
PLT019 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	Aircraft Performance	Computations
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PLT026 AC 00-45 - Aviation Weather Services	Weather	Aeronautical Weather Reports
		Aviation Routine Weather Reports (METAR)
PLT040 Sectional Aeronautical Chart	Navigation	Pilotage
		Airspace
PLT044 14 CFR part 91 General Operating and Flight Rules	Regulations	14CFR Part 91
		Two-Way Radio Communications
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		Traffic Advisories
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	Air Traffic Control Procedures	Communications
		Self-Announce
PLT059 AC 00-45 - Aviation Weather Services	Weather	Aeronautical Weather Reports
		Aviation Routine Weather Reports (METAR)
PLT061 AC 00-45 - Aviation Weather Services	Weather	Aeronautical Weather Reports
		Pilot Weather Reports
PLT064 Aeronautical Information Manual	Airspace	Controlled
	Airspace	Other
		Military Training Routes
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	Navigation	Pilotage
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Sectional Aeronautical Chart	Navigation	Pilotage
	Navigation	Pilotage
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		Aeronautical Charts
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PLT068 AC 00-45 - Aviation Weather Services	Weather	Charts / Maps
		Significant Weather Prognostic Charts
PLT072 AC 00-45 - Aviation Weather Services	Weather	Aeronautical Weather Reports
		Terminal Aerodrome Forecasts (TAF)
PLT074 FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge	Aerodynamics	Load Factor
		Steep Turns
PLT076 AC 00-45 - Aviation Weather Services	Weather	Aeronautical Weather Forecasts
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Human Factors	ADM		Operational Pitfalls
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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FAA-H-8083-1 - Aircraft Weight and Balance Handbook			
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Aeronautical Information Manual			
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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FAA-H-8083-3 - Airplane Flying Handbook			
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
Aircraft Performance	Computations		Density Altitude
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge			
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FAA-H-8083-3 - Airplane Flying Handbook			
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PLT161[14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes](#)

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PLT170[FAA-H-8083-3 - Airplane Flying Handbook](#)

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[Aeronautical Information Manual](#)

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PLT196[Aeronautical Information Manual](#)

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

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PLT201[14 CFR part 91 General Operating and Flight Rules](#)

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PLT204[Aeronautical Information Manual](#)

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PLT207[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

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PLT208[Aeronautical Information Manual](#)

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

Aircraft Systems	Electrical	Total Failure
Flight Operations	Emergency Procedures	Diversion to Alternate

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

Flight Operations	Landing	Emergency Approaches / Landings (Actual)
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PLT214[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Load Factor	Maneuverability
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FAA-H-8083-5 - Weight-Shift Control Aircraft Flying Handbook		
Aircraft Systems	Structures	Washout

PLT215[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

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Flight Operations	Maneuvers	Basic
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PLT221[FAA-H-8083-3 - Airplane Flying Handbook](#)

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PLT242[FAA-H-8083-1 - Aircraft Weight and Balance Handbook](#)

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

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[FAA-H-8083-5 - Weight-Shift Control Aircraft Flying Handbook](#)

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PLT251[AC 20-43 - Aircraft Fuel Control](#)

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PLT290[AC 00-45 - Aviation Weather Services](#)

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