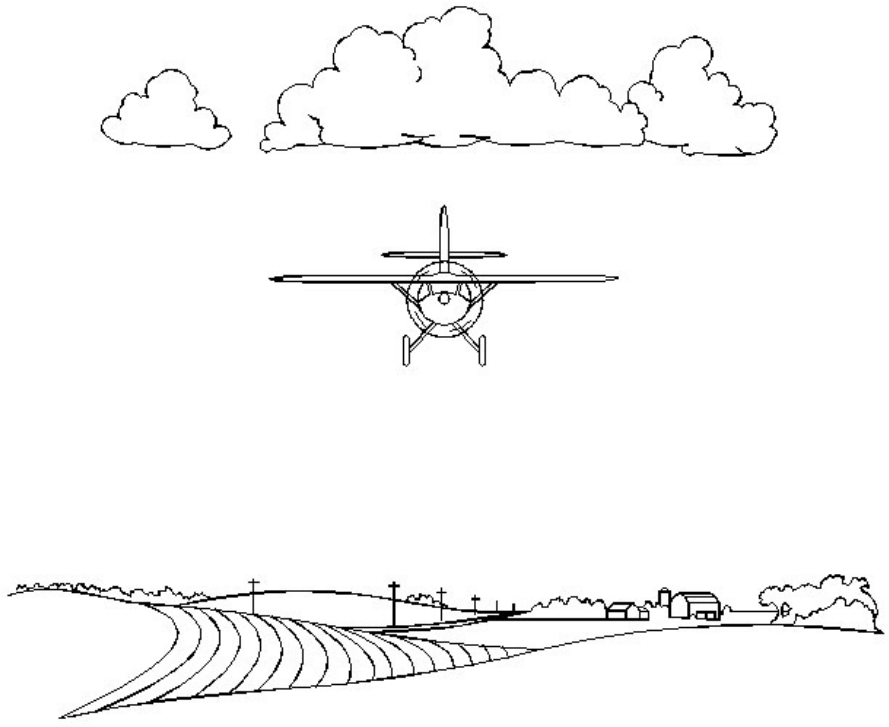
FAA-G-8082-17

PRIVATE PILOT
Airplane SEL
KNOWLEDGE TEST GUIDE



June 2013

U.S. Department of Transportation
Federal Aviation Administration

INTRODUCTION

FAA-G-8082-17, dated June 2013, Recreational and Private Pilot Knowledge Test Guide, provides information for preparing you to take one or all of the following airman knowledge tests. This document supersedes FAA-G-8082-17I, dated February 2013.

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

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

Comments may be e-mailed to AFS630Comments@faa.gov.

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

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.

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.

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

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

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)

Topic	*Content*	*Specific*
PLT003		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Weight and Balance	Center of Gravity	Stability
PLT005		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Aircraft Performance	Computations	Density Altitude
PLT008		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Aircraft Performance	Computations	Landing Distance
PLT011		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Aircraft Performance	Computations	Takeoff Distance
PLT012		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Aircraft Performance	Computations	Cruise
Navigation	Pilotage	Calculations
Navigation	Radio	VOR
PLT013		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Aircraft Performance	Computations	Crosswind
PLT014		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Navigation	Radio	ADF / NDB
PLT019		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Aircraft Performance	Computations	Density Altitude
Aircraft Performance	Computations	Pressure Altitude
PLT021		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
Weight and Balance	Center of Gravity	Computations
PLT023		
AC 00-6 Aviation Weather		
Weather	Meteorology	Pressure
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
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		
Aeronautical Information Manual		
Airspace	Controlled	Class B
Sectional Aeronautical Chart		
Navigation	Pilotage	Airspace
PLT041		
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25		
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 Weather Reports	Pilot Weather Reports
Aeronautical Information Manual		
Weather	Aeronautical Weather Reports	Pilot Weather Reports

PLT064

Aeronautical Information Manual

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

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

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

PLT071

AC 00-45 Aviation Weather Services

Weather	Charts/Maps	Weather Depiction Charts

PLT072

AC 00-45 Aviation Weather Services

Weather	Aeronautical Weather Forecasts	Terminal Aerodorme Forecasts (TAF)
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

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

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Flight Instruments	Airspeed Indicator

PLT090

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Navigation	Radio	VOR

PLT091

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Navigation	Radio	ADF / NDB

PLT092

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Weight and Balance	Center of Gravity	Computations

PLT097

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Human Factors	Aeromedical Factors	Carbon Monoxide Poisoning

PLT099

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Flight Operations	Night	Scan

PLT101

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Navigation	Pilotage	Calculations
Navigation	Radio	VOR

Sectional Aeronautical Chart

Navigation	Pilotage	Aeronautical Charts
Navigation	Pilotage	Airspace
Publications	Aeronautical Charts	Sectionals

PLT112

Airplane Flying Handbook, FAA-H-8083-3A

Airport Operations	Taxiing	Flight Controls

PLT115

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Powerplant	Fueling
Aircraft Systems	Powerplant	Ignition

PLT118

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Flight Instruments	Directional Gyro

PLT119

Airplane Flying Handbook, FAA-H-8083-3A

Flight Operations	Collision Avoidance	Aircraft Position Lights

PLT121

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Weight and Balance	Center of Gravity	Computations

PLT123

Airplane Flying Handbook, FAA-H-8083-3A

Flight Operations	Climb	Speed

PLT124

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Performance	Computations	Density Altitude

PLT125

Aeronautical Information Manual

Flight Operations	Normal Procedures	Scan

PLT127

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Performance	Computations	Density Altitude

PLT128

AC 00-6 Aviation Weather

Weather	Meteorology	Icing

PLT131

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Performance	Atmospheric Effects	Ground Effect

PLT132

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Flight Instruments	Attitude Indicator

PLT133

Airplane Flying Handbook, FAA-H-8083-3A

Flight Operations	Climb	Speed

PLT136

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Powerplant	Carburetor

PLT141

14 CFR 91

Regulations	14CFR Part 91	Light Gun Signals

Aeronautical Information Manual

Airport Operations	Lighting	Rotating Beacon
Airport Operations	Marking/Signs	Direction Signs
Airport Operations	Marking/Signs	Runway

PLT147

14 CFR 91

Regulations	14CFR Part 91	Airport Operations

Aeronautical Information Manual

Airport Operations	Lighting	PAPI
Airport Operations	Lighting	VASI

PLT150

Aeronautical Information Manual

Airport Operations	Tower Controlled	Radio Communications

PLT161

14 CFR 71

Regulations	14CFR Part 71	Airspace

14 CFR 91

Regulations	14CFR Part 91	Aircraft Speed
Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Transponder Operations

Aeronautical Information Manual

Aircraft Systems	Avionics	Transponder
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 91

Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Class D Operations

PLT165

AC 00-6 Aviation Weather

Weather	Meteorology	Temperature

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Flight Instruments	Altimeter

PLT166

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Flight Instruments	Altimeter
Aircraft Systems	Flight Instruments	Attitude Indicator

PLT167

AC 00-6 Aviation Weather

Weather	Meteorology	Pressure

PLT168

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aerodynamics	Principles of Flight	Angle of Attack
Aerodynamics	Stall / Spins	Stalls

PLT173

AC 00-6 Aviation Weather

Weather	Meteorology	Stability

PLT187

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Flight Instruments	Turn Coordinator

PLT189

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Powerplant	Carburetor Heat

PLT190

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Powerplant	Carburetor
Aircraft Systems	Powerplant	Carburetor Heat

PLT191

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Aircraft Systems	Powerplant	Carburetor

PLT192

AC 00-6 Aviation Weather

Weather	Meteorology	Clouds
Weather	Meteorology	Stability
Weather	Meteorology	Thunderstorms

PLT194

Aeronautical Information Manual

Air Traffic Control Procedures	En Route	Radar
Flight Operations	Collision Avoidance	Maneuvers
Human Factors	Aeromedical Factors	Fitness for Flight

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Human Factors	Aeromedical Factors	Spatial Disorientation

PLT200
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Navigation | Pilotage | Calculations

PLT201
14 CFR 91
Regulations | 14CFR Part 91 | Airport Operations

PLT204
Aeronautical Information Manual
Instrument Procedures | Communications | Reports

PLT206
AC 00-6 Aviation Weather
Weather | Meteorology | Pressure

PLT208
Aeronautical Information Manual
Air Traffic Control Procedures | Communications | Distress
Airplane Flying Handbook, FAA-H-8083-3A
Flight Operations | Emergency Procedures | Approach/Landing
Flight Operations | Emergency Procedures | Engine Failure

PLT213
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aerodynamics | Stability / Control | Longitudinal Stability
Aerodynamics | Stability / Control | Stability

PLT215
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Flight Instruments | Magnetic Compass

PLT225
Aeronautical Information Manual
Navigation | Pilotage | Flight Plan

PLT226
AC 00-6 Aviation Weather
Weather | Meteorology | Fog
Weather | Meteorology | Icing

PLT235
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aerodynamics | Principles of Flight | Forces Acting on Aircraft

PLT242
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aerodynamics | Principles of Flight | Forces Acting on Aircraft

PLT243
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aerodynamics | Principles of Flight | Torque
Aerodynamics | Principles of Flight | Turning Tendency

PLT245
Airplane Flying Handbook, FAA-H-8083-3A
Aerodynamics | Stall / Spins | Spins

PLT249
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Powerplant | Carburetor Heat
Aircraft Systems | Powerplant | Mixture Control

PLT250
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Powerplant | Fuel Grade

PLT253
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Powerplant | Electric Fuel Pump
Aircraft Systems | Powerplant | Mixture Control

PLT263
AC 00-6 Aviation Weather
Weather | Meteorology | Thunderstorms
Weather | Meteorology | Turbulence

PLT274
AC 00-6 Aviation Weather
Weather | Meteorology | Icing

PLT278
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
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
Weather | Hazardous | Thunderstorms
Aeronautical Information Manual
Weather | Aeronautical Weather Forecasts | SIGMETS

PLT301
AC 00-6 Aviation Weather
Weather | Meteorology | Moisture
Weather | Meteorology | Temperature

PLT311
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aerodynamics | Load Factor | Airspeed

PLT312
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aerodynamics | Load Factor | Stalling Speed

PLT316
Aeronautical Information Manual
Weather | Aeronautical Weather Reports | Weather Briefings

PLT324
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
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
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Human Factors | Aeromedical Factors | Spatial Disorientation

PLT335
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Navigation | Radio | VOR

PLT337
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Pitot / Static | Airspeed Indicator
Aircraft Systems | Pitot / Static | Blockage

PLT342
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Powerplant | Mixture Control

PLT343
Airplane Flying Handbook, FAA-H-8083-3A
Aircraft Systems | Powerplant | Lubrication
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Powerplant | Mixture Control

PLT345
AC 00-6 Aviation Weather
Weather | Meteorology | Pressure
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Weather | Meteorology | Pressure

PLT351
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aerodynamics | Stability / Control | Downwash
Aircraft Systems | Propeller | Adjustable-Pitch
Aircraft Systems | Propeller | Efficiency

PLT353
AC 00-45 Aviation Weather Services
Weather | Charts/Maps | Radar Summary

PLT366

49 CFR 830

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

PLT369

14 CFR 91

Regulations	14CFR Part 91	Aerobatic Flight

PLT371

14 CFR 1

Regulations	14CFR Part 1	Certification of Aircraft
Regulations	14CFR Part 1	Certification of Airmen

PLT372

14 CFR 91

Regulations	14CFR Part 91	Annual Inspection
Regulations	14CFR Part 91	Maintenance Inspections

PLT373

14 CFR 91

Regulations	14CFR Part 91	Aircraft Operating Limitations

PLT374

14 CFR 91

Regulations	14CFR Part 91	Aircraft Return to Service
Regulations	14CFR Part 91	Airworthiness
Regulations	14CFR Part 91	Airworthiness Certificate

PLT375

14 CFR 91

Regulations	14CFR Part 91	Aircraft Return to Service

PLT376

14 CFR 91

Regulations	14CFR Part 91	Special VFR

Aeronautical Information Manual

Airspace	Other	Wild Life Refuges

PLT377

14 CFR 91

Regulations	14CFR Part 91	Airworthiness Certificate

PLT381

14 CFR 91

Regulations	14CFR Part 91	Altimeter Settings

PLT383

14 CFR 91

Regulations	14CFR Part 91	Minimum Safe Altitudes

PLT393

14 CFR 91

Regulations	14CFR Part 91	Airspace

Aeronautical Information Manual

Airspace	Special Use	MOA

PLT399

14 CFR 61

Regulations	14CFR Part 61	Inspection of Certificate
Regulations	14CFR Part 61	Medical Certificates
Regulations	14CFR Part 61	Pilot Certificate

PLT401

14 CFR 91

Regulations	14CFR Part 91	PIC Responsibility / Authority

PLT402

14 CFR 91

Aircraft Systems	Avionics	Emergency Locator Transmitter (ELT)

Aeronautical Information Manual

Aircraft Systems	Avionics	Emergency Locator Transmitter (ELT)

PLT403

14 CFR 91

Regulations	14CFR Part 91	ATC Clearances

PLT413

14 CFR 91

Regulations	14CFR Part 91	Fuel Requirements

PLT414
14 CFR 91
Regulations | 14CFR Part 91 | Right-of-Way

PLT426
14 CFR 91
Regulations | 14CFR Part 91 | Aircraft Return to Service

PLT427
14 CFR 61
Regulations | 14CFR Part 61 | Medical Certificates

PLT430
14 CFR 91
Regulations | 14CFR Part 91 | Minimum Safe Altitudes

PLT431
14 CFR 91
Regulations | 14CFR Part 91 | Formation Flight

PLT440
14 CFR 91
Regulations | 14CFR Part 91 | PIC Responsibility / Authority

PLT442
14 CFR 61
Regulations | 14CFR Part 61 | PIC Recent Flight Experience

PLT444
14 CFR 91
Regulations | 14CFR Part 91 | PIC Responsibility / Authority
Regulations | 14CFR Part 91 | Preflight Actions

PLT445
14 CFR 91
Regulations | 14CFR Part 91 | Preflight Actions
Aeronautical Information Manual
Weather | Aeronautical Weather Reports | Weather Briefings
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Airport Operations | Preflight | Pilot Responsibility

PLT446
14 CFR 43
Regulations | 14CFR Part 43 | Preventive Maintenance

PLT447
14 CFR 61
Regulations | 14CFR Part 61 | Medical Certificates

PLT448
14 CFR 61
Regulations | 14CFR Part 61 | Privileges and Limitations

PLT451
14 CFR 61
Regulations | 14CFR Part 61 | Privileges and Limitations
Regulations | 14CFR Part 61 | TypeRating

PLT455
Aeronautical Information Manual
Navigation | Pilotage | Flight Plans

PLT462
Aeronautical Information Manual
Airport Operations | Lighting | Runway Lighting

PLT463
14 CFR 61
Regulations | 14CFR Part 61 | Drugs / Alcohol
14 CFR 91
Regulations | 14CFR Part 91 | Alcohol or Drugs

PLT464
14 CFR 91
Regulations | 14CFR Part 91 | PIC Responsibility / Authority

PLT465
14 CFR 91
Regulations | 14CFR Part 91 | Seat Belts

PLT466
14 CFR 1
Regulations | 14CFR Part 1 | V Speeds

PLT467
14 CFR 91
Regulations | 14CFR Part 91 | Airspace
Regulations | 14CFR Part 91 | Flight Rules General
Regulations | 14CFR Part 91 | VFR Cruising Altitude / Flight Level

PLT468
14 CFR 91
Regulations | 14CFR Part 91 | Airspace

PLT473
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Flight Controls / Secondary | Flaps

PLT477
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aerodynamics | Stall / Spins | Stalls

PLT478
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Aircraft Systems | Powerplant | Ignition
Aircraft Systems | Powerplant | Magnetos

PLT479
Airplane Flying Handbook, FAA-H-8083-3A
Aircraft Systems | Powerplant | Engine Starting

PLT486
Airplane Flying Handbook, FAA-H-8083-3A
Airport Operations | Taxiing | Flight Controls

PLT492
AC 00-6 Aviation Weather
Weather | Meteorology | Stability

PLT493
AC 00-6 Aviation Weather
Weather | Meteorology | Moisture

PLT495
AC 00-6 Aviation Weather
Weather | Meteorology | Thunderstorms

PLT497
Aeronautical Information Manual
Aircraft Systems | Avionics | Transponder

PLT502
14 CFR 91
Regulations | 14CFR Part 91 | Light Gun Signals

PLT506
14 CFR 1
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
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
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 | Aviation Area Forecasts (FA)
Weather | Aeronautical Weather Forecasts | Terminal Aerodorme Forecasts (TAF)
Weather | Aeronautical Weather Reports | Weather Briefings
Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25
Weather | Aeronautical Weather Reports | Weather Briefings

PLT515

Aeronautical Information Manual

Navigation	Pilotage	Radio Communications
Weather	Aeronautical Weather Reports	En Route Flight Advisory Service (EFAS)

PLT516

AC 00-6 Aviation Weather

Weather	Meteorology	Wind

Airplane Flying Handbook, FAA-H-8083-3A

Airport Operations	Taxiing	Flight Controls

PLT518

AC 00-6 Aviation Weather

Weather	Meteorology	Windshear

Pilot`s Handbook of Aeronautical Knowledge, FAA-H-8083-25

Weather	Meteorology	Windshear