



Quick Start Guide

Private Pilot Virtual Test Prep

AN AVIATION DVD GROUND SCHOOL

STUDY AND PREPARE
FOR THE PRIVATE
PILOT AIRPLANE
FAA KNOWLEDGE EXAM

AN ASA INTERACTIVE PRODUCT

PRODUCED FOR ASA BY
STENBOCK COMMUNICATIONS, INC.

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Stenbock Communications, Inc.

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Welcome to ASA's *Virtual Test Prep*. This course combines the sharp video of DVD technology and the latest instructional aids with the expertise and experience of ASA's industry-leading test preparation materials for a comprehensive aviation ground school program.

Virtual Test Prep will teach you everything you need to know to ace the FAA Knowledge Exam. However, this is not merely rote memorization of the test questions and answers; the prep course promotes true understanding and application of the knowledge needed for the test. Using the latest 3D and animated graphics, in-flight video, and tips from real flight instructors from the classroom, in the airplane, and at airport, *Virtual Test Prep* will prepare you for the FAA Knowledge Exam and at the same time make you a better, safer, and more knowledgeable pilot.

GETTING STARTED

The best way to study for the FAA Knowledge Exam is simply to follow this course as presented in *Virtual Test Prep*, completing each lesson in the order given.

1. Recommended, not required: Begin by reading a lesson in *The Complete Private Pilot* by Bob Gardner (sold separately). This text will serve as your foundation of the required aeronautical knowledge and is the recommended companion textbook.
2. Upon completion of one lesson in the textbook, move on to the same video lesson in *Virtual Test Prep* for an instructional presentation of the subject matter. Each contains typical FAA questions complete with explanations and the correct answers.
3. After completing a DVD lesson, use the ASA Prepware software and answer the questions for that subject using STUDY mode.
4. Once you have successfully answered all the questions in Prepware, continue with the next lesson in *The Complete Private Pilot*; then watch the corresponding DVD lesson, and work through the questions in Prepware using STUDY mode.

5. When you have finished all the lessons, use Prepware to take practice exams. Submit 2 scores of 80% or better to ASA to receive your instructor sign-off (endorsement) to take your official FAA Knowledge Exam.

SYSTEM REQUIREMENTS

VIRTUAL TEST PREP DVDS

Television or computer DVD player (Blu-Ray DVD player required to play the Blu-Ray disks). Compatible with both PC and Macintosh systems.

PACKAGE CONTENTS

DVDs, Quick Start Guide.

If any items are missing, contact the retailer from whom you bought the *ASA Virtual Test Prep*.

RUNNING VIRTUAL TEST PREP

1. Put the DVD into your player. The main menu will follow a brief introduction.
2. Use the arrow buttons on your remote control or on-screen player to highlight your choice, and press ENTER to begin the lesson.
3. Although it is recommended you work through the lessons sequentially to take full advantage of building-block learning method, you can navigate directly to any lesson using the arrow buttons.
4. Press TITLE MENU within a given lesson to jump to the next discussion within that lesson. NEXT and PREVIOUS on your remote/on-screen player will skip ahead to the next subject within the lesson.
5. Press MENU on your remote or on-screen player when you want to return to the main menu to select a new lesson.
6. Press PAUSE, REWIND, or FAST-FORWARD on your remote or on-screen player to access these functions while watching a lesson.

SUGGESTED STUDY “ROAD MAP”

LESSON	READ	WATCH	DO	DONE
	<i>The Complete Private Pilot</i> , by Bob Gardner	Virtual Test Prep (approximate running time)	Prepware*	
Introduction	Front Pages	Introduction (00:06:45)	Instructions	
1: Aerodynamics	Lesson 1	Lesson 1 (01:00:16) <ul style="list-style-type: none"> - The Four Forces - Aircraft Components - Center of Gravity - Stalls - Load Factor - Spins - Stability - Wake Turbulence - Left Turning Tendencies - Ground Effect 	Basic Aerodynamics	
2: Aircraft Systems	Lesson 2	Lesson 2 (00:31:39) <ul style="list-style-type: none"> - Four-Stroke Engine - Engine Temperatures - Fuel Induction Systems - Carburetor Icing - Fuel Grades - Ignition Systems - Propeller - Preflight Inspections - Hand Propping 	Aircraft Systems	

* You may use the *ASA Private Pilot Test Prep (sold separately)* instead; this book shares the same organization and content as the Prepware software. It is another option for working through all the FAA test questions.

LESSON	READ	WATCH	DO	DONE
3: Flight Instruments	Lesson 3	Lesson 3 (00:32:23) <ul style="list-style-type: none"> - Pitot Static System - Airspeed Indicator - Airspeed Limitations - Vertical Speed Indicator - Altimeter - Types of Altitudes - Gyroscopic Instruments - Magnetic Compass - Compass Errors 	Flight Instruments	
4: Regulations	Lesson 4	Lesson 4 (01:07:48) <ul style="list-style-type: none"> - Category, Class & Type - Logbook - Certificates - Medical - Pilot Privileges - Currency - Responsibilities - Preflight - Flight Plans - Altitudes - VFR Minimums - Right of Way - Speed Limits - Maintenance - ACs and ADs - NTSB 	Regulations	

LESSON	READ	WATCH	DO	DONE
5: Procedures and Airport Operations	Lesson 5	Lesson 5 (01:12:06) <ul style="list-style-type: none"> - Facilities - Markings - Lighting - Surface Ops - Traffic Pattern - Maneuvers - Collision Avoidance - Special VFR - Flight Physiology - Aeronautical Decision Making 	Procedures and Airport Operations	
6: Weather	Lesson 6	Lesson 6 (01:29:56) <ul style="list-style-type: none"> - What is Weather - Circulation & Wind - Temperature - Moisture - Atmospheric Stability - Clouds - Air Masses - Fronts - Thunderstorms - Turbulence - Airframe Icing - Jet Stream 	Weather	

LESSON	READ	WATCH	DO	DONE
7: Weather Services	Lesson 7	Lesson 7 (01:09:06) <ul style="list-style-type: none"> - WX Briefings - METAR - TAF - PIREPs - Area Forecasts - Winds Aloft Forecast - WX Depiction Charts - Radar Summary Chart - Significant WX Chart - Inflight WX Advisories - TWEB - Enroute Flight Advisory 	Weather Services	
8: Aircraft Performance	Lesson 8	Lesson 8 (00:45:45) <ul style="list-style-type: none"> - Density Altitude - Takeoff Distance - Fuel Consumption - Crosswind Component - Landing Distance - Weight & Balance 	Aircraft Performance	
9: Enroute Flight	Lesson 9	Lesson 9 (01:36:58) <ul style="list-style-type: none"> - Pilotage - Aviation Time - Topography - Airspace - Special Use Airspace - Dead Reckoning - Turbulence - Power Failure 	Enroute Flight	
10: Navigation	Lesson 10	Lesson 10 (00:36:15) <ul style="list-style-type: none"> - VOR Facilities - VOR Navigation - VOT Procedures - ADF Equipment - NDB Navigation - GPS Navigation 	Navigation	

LESSON	READ	WATCH	DO	DONE
11: Communication Procedures	Lesson 11	Lesson 11 (00:42:14) - Traffic Advisories - Light Gun Signals - Radio Phraseology - ATIS - Controller Communications - Flight Service Stations - ELT - DF Steer - Transponder	Communication Procedures	
Test Tips	—	Test Tips (03:00)	—	
Total Running Time			10:54:11	

LESSON	READ	WATCH	DO	DONE
Bonus Disk: Subject Expert Interviews		Subject Expert Interviews (02:18:07) - Tom Horne - Barry Schiff - Bob Gardner - Laurel Lippert - Bruce Williams - Steve Casner - Dorothy Schick		

Upon completion of the course, your next step is to actually take the FAA Knowledge Exam. But before you can take the test, you need to do the following:

1. Take practice tests using Prepware software. You need to achieve 80% or higher on 2 tests to request your endorsement from ASA.
2. Show your two test results to your Ground or Flight Instructor for your sign-off. Alternately you may submit two practice test results to ASA.

You will receive your endorsement as a PDF attachment within 24 hours of ASA receiving your practice tests.

3. Call your local FAA testing center to schedule your exam (the telephone numbers are provided in the Prepware Help menus). They will ask you what test you want to take (Private Pilot, Airplane) and take your personal contact information. They will give you additional testing information and schedule a test time for you.
4. At the testing center, you need to show one valid piece of photo identification, such as a driver's license, a passport, or one additional signature ID. You will also need to bring your sign-off (endorsement) from a flight or ground instructor, or a printout of the endorsement you receive from ASA.

PRODUCT SUPPORT

ASA offers a variety of support options to help you get the most from your ASA product. If you have a question about your ASA product, consult the printed product documentation, review the ASA website, or contact ASA Product Support.

Online Support: <http://www.asa2fly.com>

Email Support: asa@asa2fly.com

Telephone Support: available Monday through Friday (425) 235-1500.

When emailing or calling for support, have your DVD player and the product documentation at hand. Be prepared to give the following information:

- The version of ASA *Virtual Test Prep* you are using.
- The type of DVD player you are using.
- A description of what happened and what you were doing when the problem occurred.
- How you tried to solve the problem.

Product Support is subject to ASA prices, terms, and conditions in effect at the time the service is used.

DIGITAL VIDEO DISCS (DVD) CARE AND HANDLING

1. Hold the discs by the edges or the center. Avoid touching or scratching the shiny disc surface.
2. Dirt, fingerprints, or smudges may cause playback problems.
3. Contaminants can be removed using standard CD cleaning products. Do not use cleaners or wipers.
4. Keep the discs out of direct sunlight.

LIMITED WARRANTY

Aviation Supplies & Academics, Inc. (ASA) warrants *Virtual Test Prep*, (that, if) when properly installed and operated on a DVD player for which it is designed, the program will perform substantially in accordance with the accompanying written materials for a period of 45 days from the date of purchase. ASA warrants *Virtual Test Prep* to be free from defects in materials and workmanship under normal use. This Limited Warranty is void if failure of the software has resulted from accident, abuse, or misapplication. ASA will replace the DVDs with the same version once the entire package (DVDs, manual, packaging) is received by ASA during the warranty period. All returns shall be sent to ASA, Software Warranty, 7005 132nd Place SE, Newcastle, Washington 98059-3153. ASA cannot accept responsibility for lost or damaged parcels.

ASA LICENSE AGREEMENT

By opening the packet containing the DVDs, you indicate your acceptance of the following ASA License Agreement. If you do not agree to the terms of this agreement, promptly return the complete product with the DVD packet unopened to your place of purchase. You may use this program on a single computer or television DVD player. Access to the program is limited to a single user. The software is owned by Aviation Supplies & Academics, Inc. (ASA) and is protected by United States copyright laws and international treaty provisions. Therefore, the program may not be copied. You may not rent, lend, or lease the program, but you may transfer

the program and accompanying written materials on a permanent basis provided you retain no copies and the recipient agrees to the terms of this Agreement. You may not disassemble, decode or tamper with the program. If the program has been updated, any transfer must include the most recent update. You may not copy the written materials accompanying the program. In no event shall Aviation Supplies & Academics, Inc. (ASA) be responsible for any indirect, special, incidental, consequential or similar damages or lost data or profits. You agree to the Limited Warranty stated in this Quick Start Guide. This license shall remain in effect until terminated as set forth in the Agreement. You agree that this Agreement will be governed by the laws of the State of Washington.

Please contact ASA if you have any questions concerning this Agreement. Write to:

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ASA PRODUCTS

ASA materials are used and sold by schools and retail locations worldwide. For information about the location nearest you and a free copy of the ASA catalog call:

ASA Sales and Service: (425) 235-1500

ASA FAX: (425) 235-0128

ASA Website: <http://www.asa2fly.com>

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