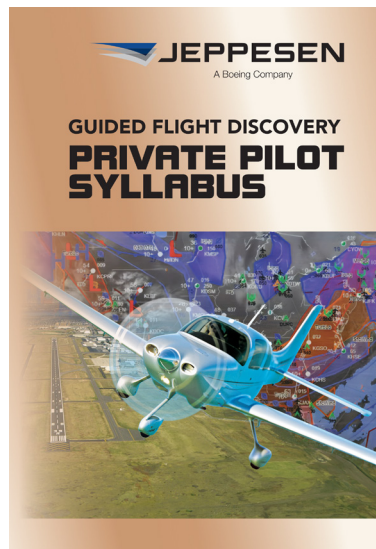
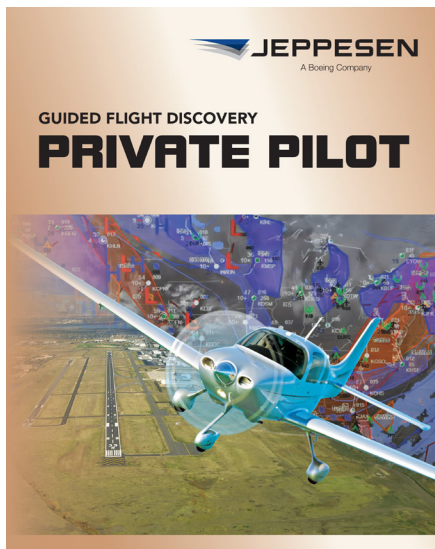




Guided Flight Discovery

Training Product Updates



PRIVATE PILOT PART 141 AND 61 KIT PRINTED BOOK AND E-BOOK UPDATES

PRIVATE PILOT PART 141 KIT: 10011887

PRIVATE PILOT PART 61 KIT: 10001948

PRIVATE PILOT ■ Training Product Updates

New for 2024! Jeppesen has revised three primary components in the Private Pilot Kits available in print or e-book. The updated Private Pilot Kits are designed for either Part 141 or Part 61 pilots seeking a private pilot certificate.

2024 UPDATED PRINTED KIT COMPONENTS ARE:

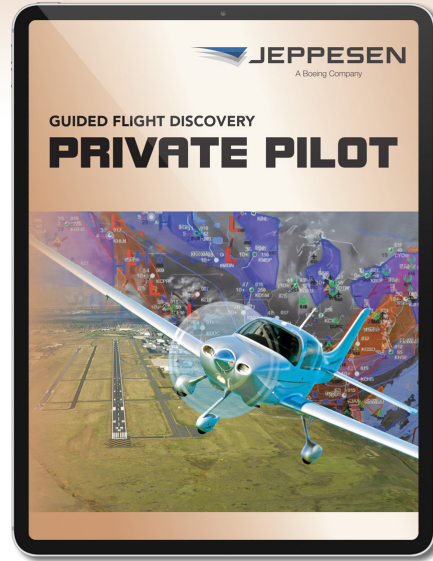
- Private Pilot Textbook: item-version 10001360-007; ISBN 978-0-88487-700-4; Price \$93.96
- Private Pilot Syllabus: item-version 10001292-006; ISBN 978-0-88487-696-0; Price \$23.96
- Private Pilot FAA Airmen Knowledge Test Guide: item-version 10001387-02; ISBN 978-0-88487-698-4; Price \$23.96
- Private Pilot Airman Certification Standards (ACS) 2024—reprinted from FAA-S-ACS-6C: item-version 10735871-004; ISBN 978-0-88487-703-5; Price \$10.96

2024 UPDATED E-BOOK KIT COMPONENTS ARE:

- Private Pilot Textbook E-Book: item-version 10277280-004; ISBN 978-0-88487-701-1; Price \$77.46
- Private Pilot Syllabus E-Book: item-version 10464404-003; ISBN 978-0-88487-697-7; Price \$15.46
- Private Pilot FAA Airmen Knowledge Test Guide E-Book: item-version 11049071-001; ISBN 978-0-88487-699-1; Price \$20.46



PRIVATE PILOT TEXTBOOK UPDATES



The latest version of the Guided Flight Discovery (GFD) Private Pilot textbook (in print and e-book formats) continues to combine engaging, up-to-date content with unique design elements. The textbook includes over 1,000 images and innovative graphics to make complex subjects easy to understand. You will discover the latest developments in flight operations, ranging from the FAA's NextGen system to electronic flight bags to customizable weather graphics. The 2024 version contains updates throughout the entire book—including over 150 new images and graphics—with new content that focuses on the latest FAA and industry flight safety practices.



COMPETENCY-BASED TRAINING AND ASSESSMENT (CBTA)



Use this innovative approach to pilot training—focusing on both technical and human factors skills—to enhance your ability to operate safely and efficiently in today’s flight environment.



Communication (COM)

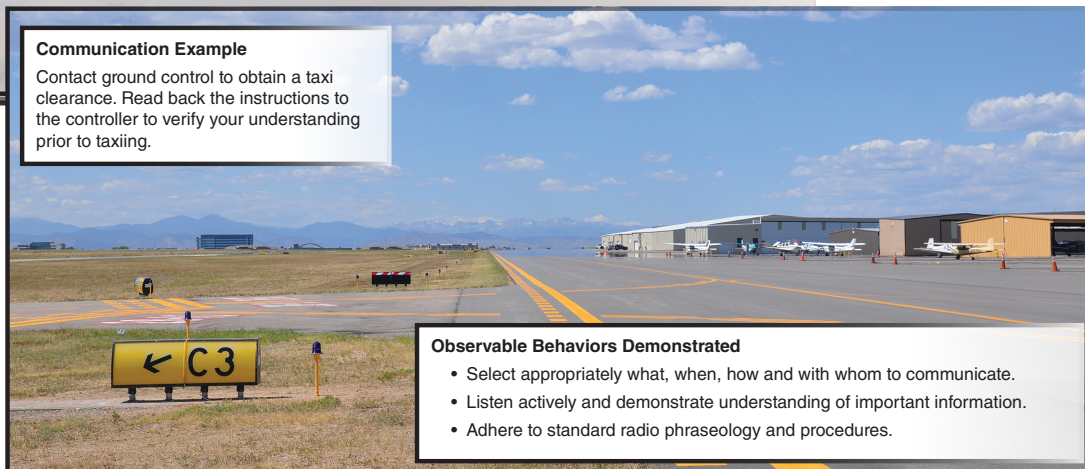
Communicate through appropriate means in the operational environment, in both normal and non-normal situations.

Observable Behaviors (OB)

- OB 1** Determine that the recipient is ready and able to receive information.
- OB 2** Select appropriately what, when, how and with whom to communicate.
- OB 3** Convey messages clearly, accurately and concisely.
- OB 4** Confirm that the recipient demonstrates understanding of important information.
- OB 5** Listen actively and demonstrate understanding when receiving information.
- OB 6** Ask relevant and effective questions.
- OB 7** Use appropriate escalation in communication to resolve identified deviations.
- OB 8** Use and interpret non-verbal communication in a manner appropriate to the

Communication Example

Contact ground control to obtain a taxi clearance. Read back the instructions to the controller to verify your understanding prior to taxiing.



Observable Behaviors Demonstrated

- Select appropriately what, when, how and with whom to communicate.
- Listen actively and demonstrate understanding of important information.
- Adhere to standard radio phraseology and procedures.

During your training, you will demonstrate specific observable behaviors (OBs) to indicate that you have mastered 9 competencies.

CBTA Competencies and Observable Behaviors, Copyright notice © European Union, 1998-2023, Unless otherwise specified, you can re-use the legal documents published in, EUR-Lex for commercial or non-commercial purposes [...] (© European Union, <http://eur-lex.europa.eu/>, 1998-2023)

THREAT AND ERROR MANAGEMENT (TEM)



TEM Strategies During Flight



Predictive Monitoring

- **Anticipate and Mitigate Threats**

You obtain weather updates during a cross-country flight and determine that the ceiling and visibility are lowering at your destination. You land at an alternate airport that is reporting VFR conditions.

Reactive Monitoring

- **Identify and Mitigate Unexpected Threats**

An unexpected gust of wind causes your airplane to veer from the runway centerline during final approach. You initiate a go-around.

- **Detect and Correct Errors**

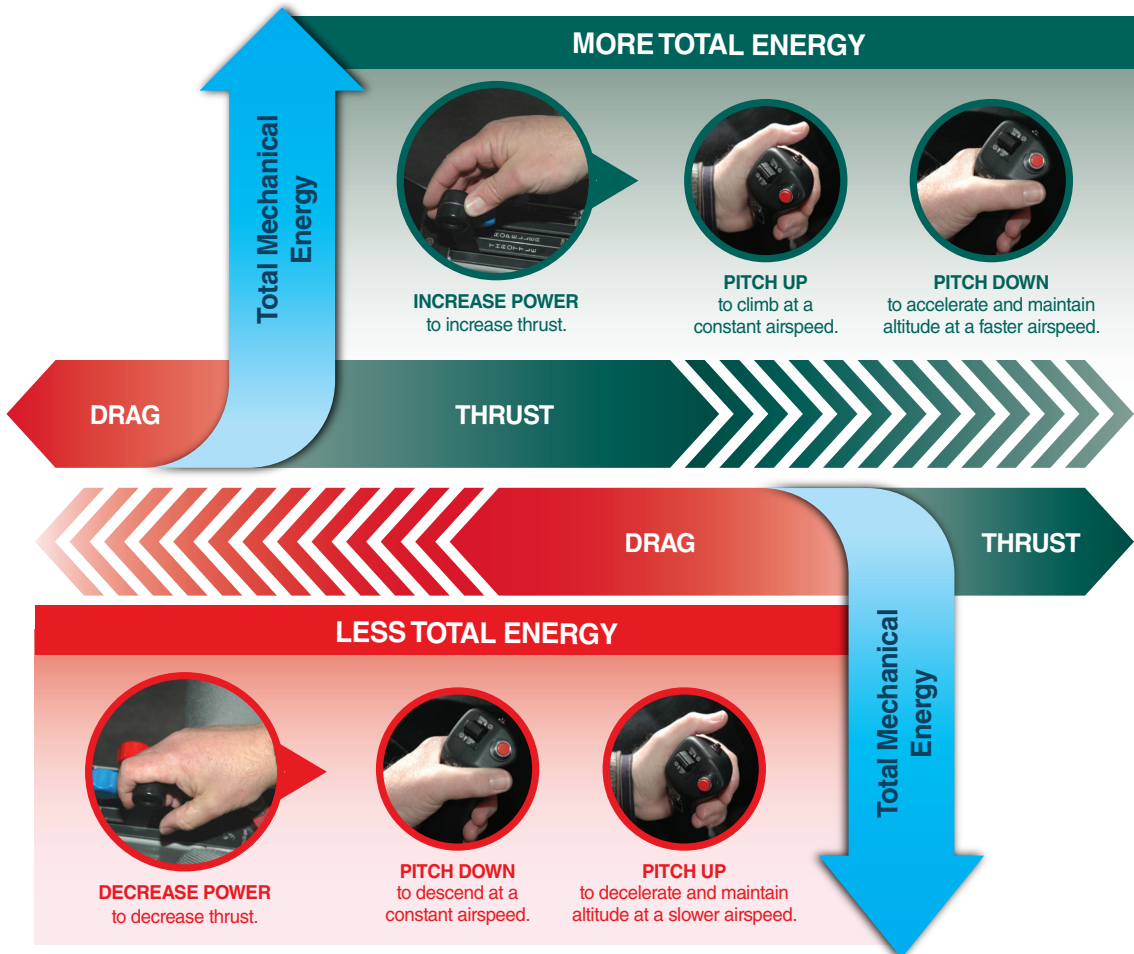
You inadvertently fly into clouds on a flight under VFR. You perform a 180° turn to return to VFR conditions.

- **Recognize and Recover from a UAS**

While practicing stalls, you inadvertently enter a spin. You return to straight-and-level flight by following the proper spin recovery procedure for your airplane.

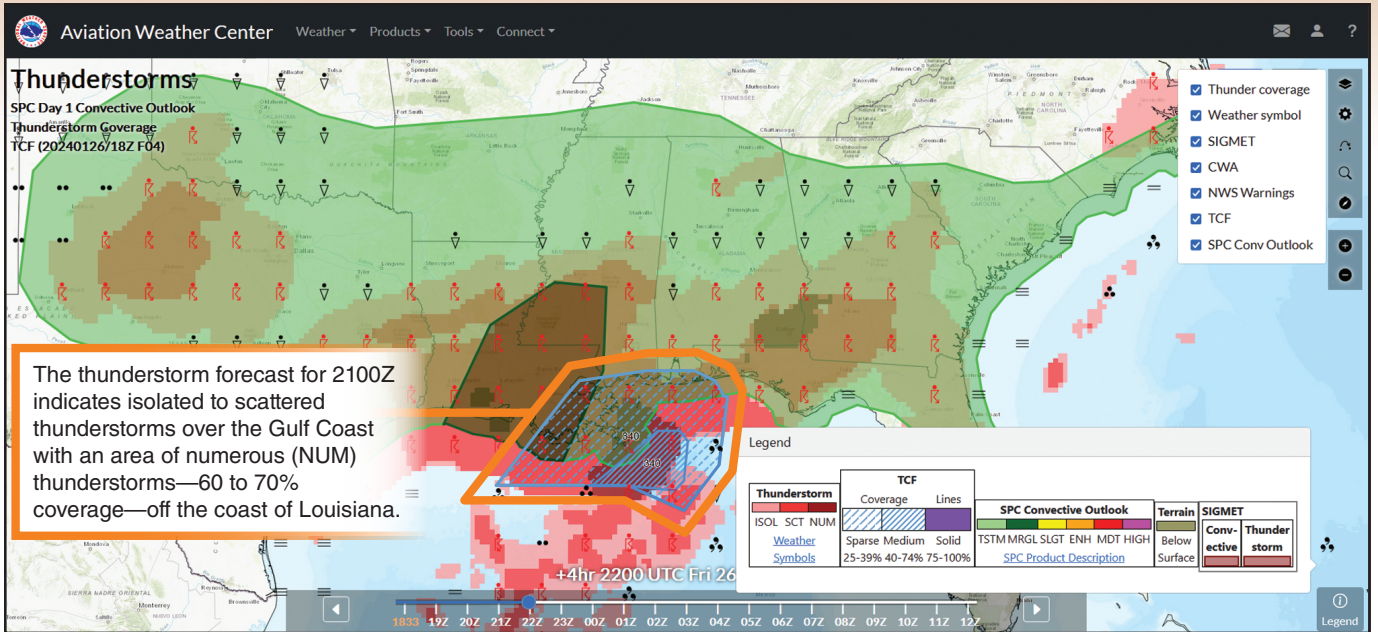
Discover essential strategies to mitigate risks and manage challenging situations to enhance flight safety.

ENERGY MANAGEMENT



Understand how to use power and pitch to effectively control an airplane's energy state of altitude and airspeed—a critical skill to master for preventing accidents.

GRAPHIC WEATHER PRODUCTS



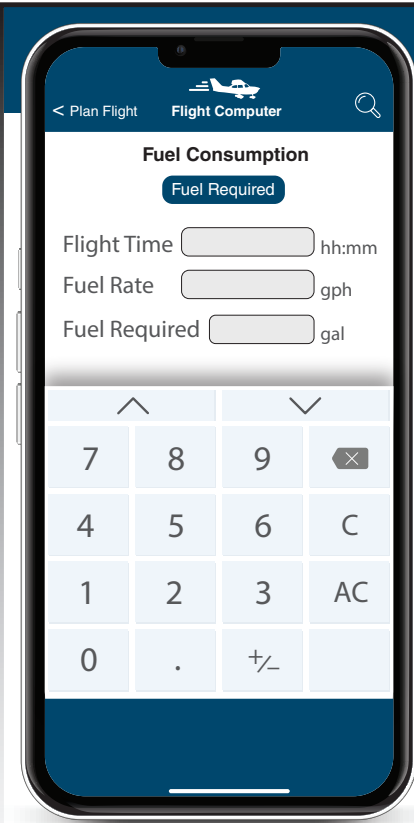
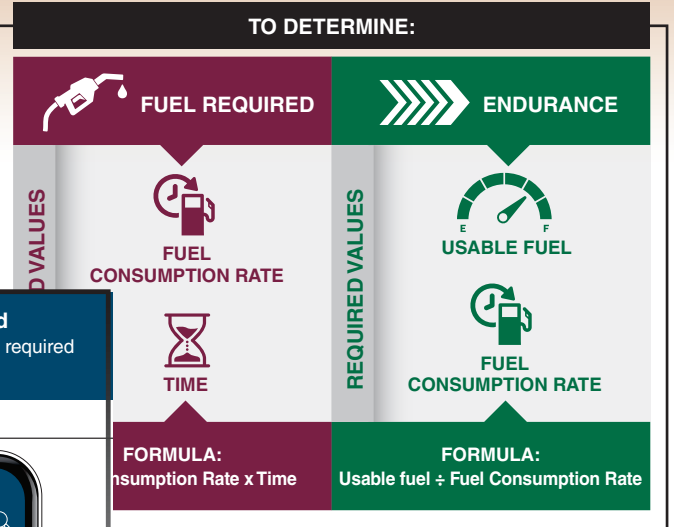
Explore the latest weather products—learn how to interpret chart symbology and customize graphics to obtain a comprehensive, in-depth understanding of the weather conditions affecting each flight.

SOURCES OF FLIGHT AND WEATHER INFORMATION



Examine the latest methods, including online sources and electronic flight bags (EFBs) for obtaining the most up-to-date information to ensure a successful flight.

FLIGHT COMPUTERS



Given

- Fuel consumption rate: 8.5 gal/hr
- Flight time: 2 hrs and 11 min

Find

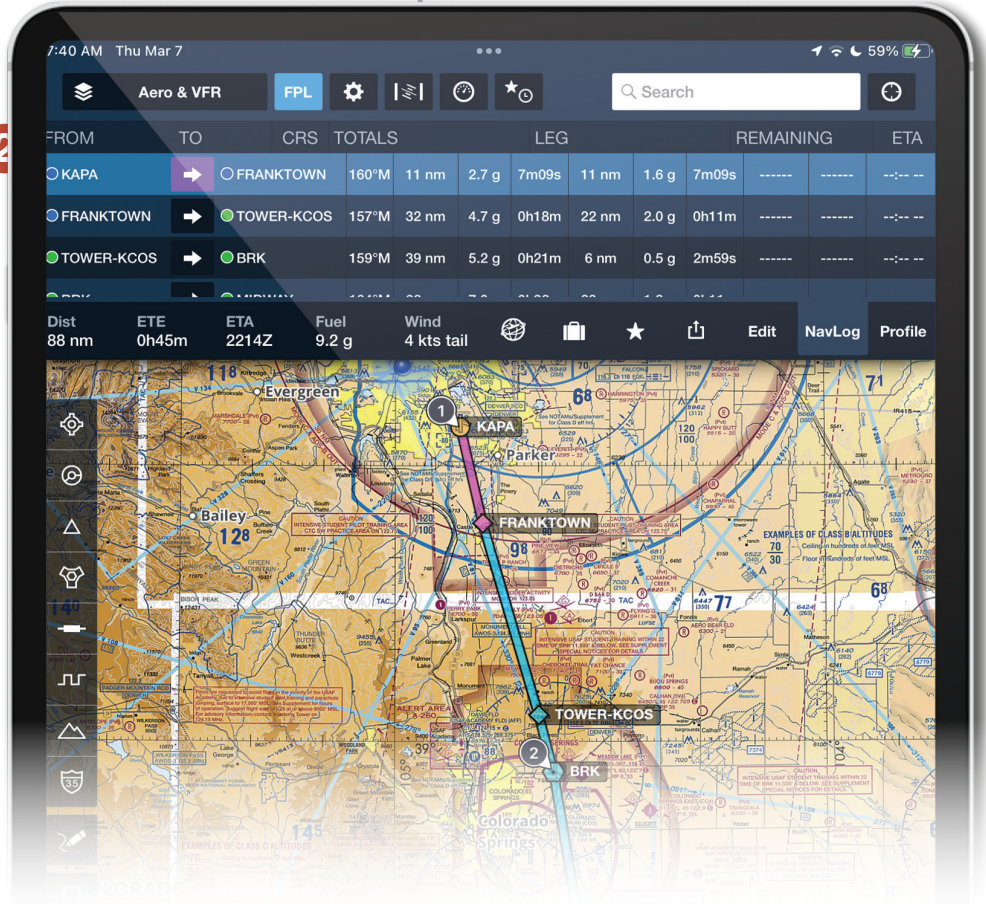
Fuel required

To find the fuel required



On the Fuel Required page, enter the flight time of 2:11.

Master the required knowledge to perform accurate flight planning calculations on the ground and in flight whether you are using an electronic or mechanical flight computer.



Private Pilot Textbook (Print)

Item-Version: 10001360-007

ISBN: 978-0-88487-700-4

Price: \$93.96

Private Pilot Textbook (E-Book)

Item-Version: 10277280-004

ISBN: 978-0-88487-701-1

Price: \$77.46

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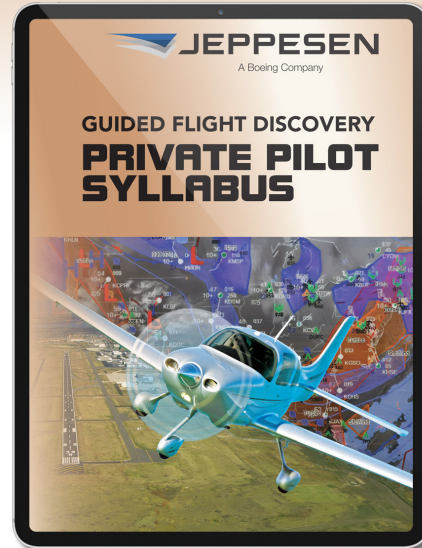
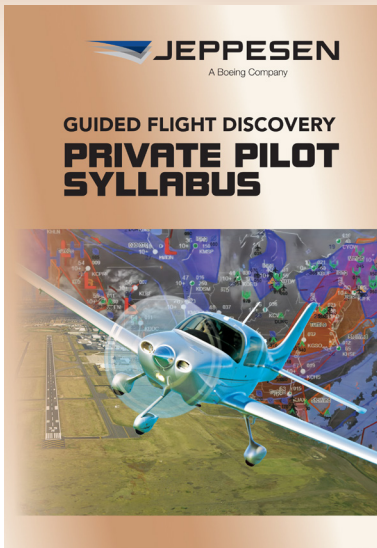
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PRIVATE PILOT SYLLABUS UPDATES



The Guided Flight Discovery (GFD) Private Pilot Syllabus provides the framework for Part 141 and Part 61 ground and flight training, emphasizing the building-block method of teaching—new material builds on what a student has already mastered. You can use the syllabus with the GFD Private Pilot textbook, Private Pilot online course, or both study references. A unique syllabus feature is an appendix with tables that depict how the objectives and tasks listed in the ground and flight training lessons correspond to the aeronautical knowledge and flight tasks required by Part 141, Part 61, and the FAA Private Pilot — Airplane Airman Certification Standards (ACS).

The 2024 Private Pilot Syllabus has been updated to indicate the ACS tasks that apply to each ground lesson in addition to flight lessons and to align with new textbook content, such as energy management, graphic weather products, and threat and error management. In addition, the syllabus now introduces Competency-Based Training and Assessment (CBTA).



COMPETENCY-BASED TRAINING AND ASSESSMENT (CBTA)

Private Pilot Syllabus

Competency-Based Training and Assessment (CBTA)

Competency-Based Training and Assessment (CBTA) provides an effective framework for helping students become proficient in both technical and human-factors skills. Aviation training industry leaders have identified nine competencies that pilots need to operate safely, efficiently, and effectively in today's flight environment:

- Application of Knowledge (KNO)
- Application of Procedures and Compliance with Regulations (PRO)
- Airplane Flight Path Management — Manual Control (FPM)
- Airplane Flight Path Management — Automation (FPA)
- Communication (COM)
- Leadership and Teamwork (LTW)
- Workload Management (WLM)
- Situation Awareness and Information Management (SAW)
- Problem Solving — Decision Making (PSD)

Note: You will see the term "situation awareness" used instead of "SAW" in the syllabus.

The syllabus introduces Competency-Based Training and Assessment (CBTA)—an innovative approach to pilot training that provides instruction on nine pilot competencies. CBTA enhances both technical and human factors skills to improve the student's ability to operate safely and efficiently in today's flight environment.

To integrate CBTA into private pilot training, the instructor should select three focus competencies for each flight lesson, based on the lesson objectives and the student's skill level, prior performance, strengths, and weaknesses.

Private Pilot Syllabus

FLIGHT LESSON 1

DUAL — LOCAL (0.5)

NOTE: As indicated in the Allocation Tables, complete Ground Lessons 1 and 2 prior to this flight.

OBJECTIVES

- Become familiar with the training airplane and its systems.
- Identify the certificates and documents that are required to be in the airplane.
- Perform the preflight assessment, including a self-assessment and preflight inspection.
- Use checklists to perform the preflight inspection, start the engine, and perform the before takeoff check, as well as the after landing, parking, and securing procedures.
- Use the rudder pedals and brakes properly to taxi the airplane.
- Use the flight controls to maintain specific attitudes.

LESSON FOCUS COMPETENCIES

- _____
- _____
- _____

PREFLIGHT DISCUSSION

- Fitness for Flight
- Medical Certificate Class and Duration

Workload Management (WLM) – Maintain available workload capacity by prioritizing and distributing tasks using appropriate resources.

Observable Behaviors (OB)

| | | |
|--------------------------|------|-------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | OB 1 | Exercise self-control in all situations. |
| <input type="checkbox"/> | OB 2 | Plan, prioritize, and schedule appropriate tasks effectively. |
| <input type="checkbox"/> | OB 3 | Manage time efficiently when carrying out tasks. |
| <input type="checkbox"/> | OB 4 | Offer and give assistance. |
| <input type="checkbox"/> | OB 5 | Delegate tasks. |
| <input type="checkbox"/> | OB 6 | Seek and accept assistance, when appropriate. |
| <input type="checkbox"/> | OB 7 | Monitor, review, and cross-check actions conscientiously. |
| <input type="checkbox"/> | OB 8 | Verify that tasks are completed to the expected outcome. |
| <input type="checkbox"/> | OB 9 | Manage and recover from interruptions, distractions, variations, and failures effectively while performing tasks. |

and Recordkeeping

Use the tables provided in Appendix C of the syllabus to select observable behaviors applicable to the three focus competencies for the lesson.

GROUND LESSONS

GROUND LESSON 4

REFERENCES



Private Pilot Textbook/E-Book
Chapter 4 — The Flight Environment (Sections A, B, C, D)



Private Pilot Online — Jeppesen Learning Center
Module 4 — The Flight Environment (GL 10, 11, 12, 13)

OBJECTIVES

| Lesson Objective | Part 141/61 Aeronautical Knowledge | ACS Task |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------|
| Explain collision avoidance procedures, including visual scanning techniques, and runway incursion avoidance. | Safe and efficient operation of aircraft, including collision avoidance | All ground and flight operations tasks |
| Recall right-of-way rules and minimum safe altitudes. | | Taxiing Traffic Patterns |
| Interpret airport markings, signs, and lighting. | Applicable subjects of the Aeronautical Information Manual | Taxiing |
| Identify airspace types and operating requirements. | | National Airspace System |
| Interpret aeronautical chart symbology. | Aeronautical charts for VFR navigation using pilotage, dead reckoning, and navigation systems | National Airspace System |
| Interpret communication and navigation information on aeronautical charts. | | Pilotage and Dead Reckoning |

Tables show how the lesson objectives align with Part 141/61 Aeronautical Knowledge and ACS Tasks.

APPENDIX B

APPENDIX B TO PART 141 — PRIVATE PILOT CERTIFICATION COURSE 4. FLIGHT TRAINING

(b) EACH APPROVED COURSE MUST INCLUDE THE FLIGHT TRAINING ON THE APPROVED AREAS OF OPERATION LISTED IN THIS PARAGRAPH THAT ARE APPROPRIATE TO THE AIRCRAFT CATEGORY AND CLASS RATING AREAS OF OPERATION

(1) FOR A SINGLE-ENGINE AIRPLANE COURSE

PART 61 SUBPART E — PRIVATE PILOTS 61.107 FLIGHT PROFICIENCY

(B) AREAS OF OPERATION

(1) FOR AN AIRPLANE CATEGORY RATING WITH A SINGLE-ENGINE CLASS RATING

PRIVATE PILOT — AIRPLANE AIRMAN CERTIFICATION STANDARDS

| FAR/ACS | TASKS | STAGE | INTRODUCE | REVIEW | EVALUATE |
|-----------------------------------------------------|----------------------------|-------|-----------------------------|--------------------|-----------|
| Part 141 Appendix B (i) FAR 61.107 (j) ACS I. | Preflight Preparation | | | | |
| ACS I.A. <input type="checkbox"/> | Pilot Qualifications | I | GL 1, 8 FL 1 | FL 2 | FL 10 |
| | | II | NA | NA | NA |
| | | III | NA | FL 23, 24 | FL 25, 26 |
| ACS I.B. <input type="checkbox"/> | Airworthiness Requirements | I | GL 2 FL 1 | FL 2 | FL 10 |
| | | II | FL 16N | NA | NA |
| | | III | NA | FL 23, 24 | FL 25, 26 |
| ACS I.C. <input type="checkbox"/> | Weather Information | I | GL 5, 7, 9 FL 3 | FL 4 | FL 10 |
| | | II | GL 14 FL 17C, 18NC, 19SC | NA | FL 20 |
| | | III | NA | FL 21S, 22, 23, 24 | FL 25, 26 |

Appendix B features tables that depict how the objectives and tasks listed in the ground and flight training lessons correspond to the aeronautical knowledge and flight tasks required by Part 141, Part 61, and the FAA Private Pilot — Airplane Airman Certification Standards (ACS).

Private Pilot Syllabus (Print)

Item-Version: 10001290-006

ISBN: 978-0-88487-696-0

Price: \$23.96

Private Pilot Syllabus (E-Book)

Item-Version: 10464404-003

ISBN: 978-0-88487-697-7

Price: \$15.46

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PRIVATE PILOT FAA AIRMAN KNOWLEDGE TEST GUIDE UPDATES



The Private Pilot FAA Airman Knowledge Test Guide helps you understand the learning objectives for the test questions so that you can take the FAA knowledge test with confidence. Organized into chapters and sections to align with the Private Pilot textbook, the test guide contains sample FAA Private Pilot airplane test questions, with correct answers, explanations, and study references. Explanations of why the other choices are wrong are included where appropriate. Full-color figures identical to the figures on the FAA test are also included. The test guide is intended to supplement your instructor-led flight and ground training.

For 2024, updated questions correspond to each knowledge subject code in the latest 2024 Private Pilot — Airplane Airman Certification Standards (ACS) — FAA-S-ACS-6C. Test yourself on every knowledge subject area identified by the FAA.

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>3-50 PA.VA.K2d, PA.VII.C.K3 Which is a situation that could lead to an inadvertent accelerated stall?</p> <p>A – Improperly performing a steep turn. B – Leveling off too slowly from a steep descent. C – Flying at too slow of an airspeed on final approach.</p> | <p>3-50. Answer A. GFDPP 3C, AFH An accelerated stall occurs when an airplane stalls at a higher indicated airspeed when excessive maneuvering loads are imposed by steep turns, pull-ups, or other abrupt changes in its attitude. You increase the risk of experiencing an inadvertent accelerated stall during improperly performed turns, stall and spin recoveries, pullouts from steep dives, or when overshooting a base to final turn.</p> |
| <p>3-51 PA.IV.B.K1* At any given time, the energy state of the airplane is determined by the amount and distribution of energy stored as</p> <p>A – thrust and drag. B – fuel and combustion. C – altitude and airspeed.</p> | <p>3-51. Answer C. GFDPP 3C, AFH An airplane gains energy from engine thrust, and loses energy to aerodynamic drag. The difference between the two, is the net change, which determines whether total mechanical energy, stored as altitude and airspeed, increases, decreases, or remains the same.</p> |

Questions have been organized to align with updates to the Private Pilot textbook and added questions include new FAA subject areas, such as energy management.

**Private Pilot FAA Airman Knowledge
Test Guide (Print)**

Item-Version: 10001387-025

ISBN: 978-0-88487-698-4

Price: \$23.96

**Private Pilot FAA Airman
Knowledge Test Guide (E-Book)**

Item-Version: 11049071-001

ISBN: 978-0-88487-699-1

Price: \$20.46

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