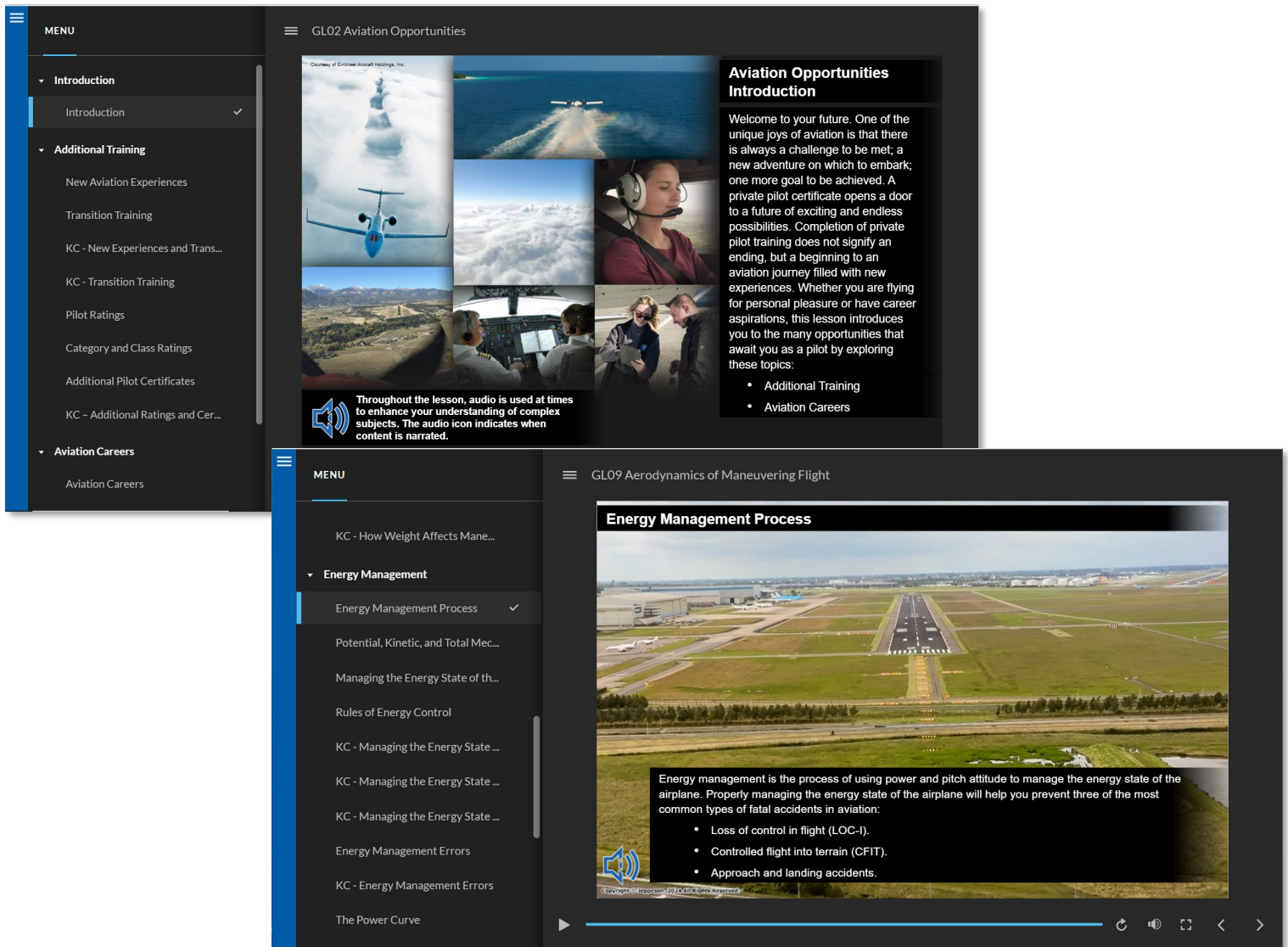


# 2024 UPDATES TO JEPPESEN PRIVATE PILOT ONLINE TRAINING COURSES

Jeppesen is making the updates published to our Private Pilot print books and e-books in several phases\* in the Jeppesen Private Pilot Part 61 and 141 Online Courses. Phase 1 was published on August 1, 2024, with continued phases being published for all Ground Lesson updates as outlined on the subsequent pages. We will update this document for any release date or detail refinements.



The image displays two screenshots of the Jeppesen Private Pilot Online Training Course interface. The top screenshot shows the 'Aviation Opportunities Introduction' lesson. The left sidebar menu is expanded to 'Introduction', which includes 'Introduction' (checked), 'Additional Training', and 'Aviation Careers'. The main content area features a collage of aviation-related images and a text box titled 'Aviation Opportunities Introduction'. The text welcomes the user and lists topics: 'Additional Training' and 'Aviation Careers'. A small audio icon and text indicate that audio is used throughout the lesson to enhance understanding of complex subjects.

The bottom screenshot shows the 'Energy Management Process' lesson. The left sidebar menu is expanded to 'Energy Management', which includes 'Energy Management Process' (checked), 'Potential, Kinetic, and Total Mec...', 'Managing the Energy State of th...', 'Rules of Energy Control', 'KC - Managing the Energy State ...', 'KC - Managing the Energy State ...', 'KC - Managing the Energy State ...', 'Energy Management Errors', 'KC - Energy Management Errors', and 'The Power Curve'. The main content area features a large image of an airport runway and a text box titled 'Energy Management Process'. The text explains that energy management is the process of using power and pitch attitude to manage the energy state of the airplane and lists three common types of fatal accidents: 'Loss of control in flight (LOC-I)', 'Controlled flight into terrain (CFIT)', and 'Approach and landing accidents'. A small audio icon and text indicate that audio is used throughout the lesson to enhance understanding of complex subjects.

\*Please note each phase will include exam question updates.

## Please note each phase will include exam question updates

### Phase 1.0: Published on August 1, 2024

#### GL01 Private Pilot Training

All new content aligns with the Private Pilot textbook Chapter 1 Section A, including:

- Updated training plan considerations covering the differences between Part 61 and Part 141 training; selecting a school and instructor; and solo flying requirements.
- Enhanced training program content that includes the training phases; how to use a syllabus; and what to expect from ground and flight lessons.
- Expanded private pilot requirements for the knowledge and flight portions of training; medical certificates; BasicMed; and currency.

#### GL02 Aviation Opportunities

All new content aligns with the Private Pilot textbook Chapter 1 Section B, including:

- Enhanced additional training and aviation careers.
- Note: a new lesson exam was published on August 1 to cover content in both of these lessons.
- GL03 Human Factors and CBTA
- A new topic introduces Competency-Based Training and Assessment, including:
- A description of CBTA and the characteristics of a resilient pilot.
- Explanations and examples of the 9 competencies and their associated observable behaviors.

#### GL09 Aerodynamics of Maneuvering Flight

An added topic on Energy Management, includes new content on:

- Potential, kinetic, and total mechanical energy.
- The power curve.
- Managing energy to correct for glide path errors.

#### GL12 Aeronautical Charts

All new content that aligns with Private Pilot textbook Chapter 4 Section C includes all new chart examples with:

- Detailed terrain and elevation information.
- Expanded info on symbology and airport data.

#### GL13 Airspace

All new content that aligns with Private Pilot textbook Chapter 4 Section D includes all new chart examples with:

- Enhanced graphic techniques and scenarios to make airspace symbology easier to interpret.
- Updated explanations of requirements, such as ADS-B for each class of airspace.
- Expanded information on additional airspace requirements.

### Phase 1.25: Tentative publish date is September 6, 2024

#### GL04 Airplanes

All new content aligns with Private Pilot textbook Chapter 2 Section A, including:

- Updated content on airplane components and construction materials.
- A new topic on Airworthiness Requirements that explains aircraft documents and maintenance; airworthiness directives; equipment requirements; and how to manage inoperative equipment.

## Please note each phase will include exam question updates

### Phase 1.5: Tentative publish date is October 18, 2024

#### GL16 Sources of Flight Information

All new content aligns with Private Pilot textbook Chapter 5 Section C, including:

- Enhanced content about locating information online and using an EFB.
- Updated notice to air missions (NOTAMs) content.
- *Note: exam might need to be modified.*

#### GL20 Aviation Weather Reports and Forecasts

All new content aligns with Private Pilot textbook Chapter 7 Section B, including:

- Enhanced explanations of interpreting METARS and TAFs.
- New Aviation Weather Center (AWC) sources for reports and forecasts.
- *Note: exam might need to be modified.*

#### GL21 Graphic Weather Products

All new content aligns with Private Pilot textbook Chapter 7 Section C, including:

- New Aviation Weather Center and Flight Service graphic products.
- Specific examples of using and interpreting new graphics to more accurately determine conditions for each flight.
- *Note: exam WILL need to be modified.*

#### GL22 Sources of Weather Information

All new content aligns with Private Pilot textbook Chapter 7 Section D, including:

- New Aviation Weather Center and Flight Service products.
- Updated in-flight weather sources, such as data link.
- *Note: exam might need to be modified.*

#### GL33 Aeronautical Decision Making

A new topic on threat and error management (TEM) includes:

- Root cause analysis and risk anticipation.
- TEM strategies and managing startle events.

## Please note each phase will include exam question updates

### Phase 2.0: Completion date TBD

#### GL03 Intro to Human Factors

- Update the rest of the lesson—only a CBTA topic was added to old content in 2024 Phase 1. However, the rest of the content was not updated.
- Match the organization and terminology used in the PRIVATE PILOT and I/C textbooks and Instrument Online course.

#### GL06 Flight Instruments

- Align with PRIVATE PILOT and I/C textbook content from 2018/2021. This content currently is written as if the student is transitioning from analog to digital instruments – very much out-of-date.

#### GL09 Aerodynamics of Maneuvering Flight

- Update the rest of the lesson—only an Energy Management topic was added to old content in Phase 1. However, the rest of the content was not updated.
- Update all graphics and interactive style.

#### GL27 Flight Computers

- Align and update to match new 2024 Private Pilot textbook Chapter 8C. All new content with a focus on necessary calculations and electronic flight computers.

#### GL27 Satellite Navigation

- Align and update to match 2018 PRIVATE PILOT textbook content.
- Update GPs equipment and displays.
- Update WAAS, LAAS, etc.

#### GL33 Single-Pilot Resource Management

- Update the rest of the lesson—only a TEM topic was added to old content in 2024 Phase 1.5. However, the rest of the content was not updated.
- Match the organization and terminology used in the PRIVATE PILOT and I/C textbooks and Instrument Online course.

#### GL34 The Flight Planning Process

- Because this lesson represents an accumulation of knowledge throughout the course, needs updates accordingly.
- Update to align with new 2018 flight planning in Private Pilot textbook Chapter 11, Section A.

#### GL35 The Flight

- Because this lesson represents an accumulation of knowledge throughout the course, needs updates accordingly.
- Update to align with new 2018 flight planning in Private Pilot textbook Chapter 11, Section B.

## **Please note each phase will include exam question updates**

### **Phase 3.0: Completion date and lesson update details TBD**

GL05 Powerplant and Related Systems

GL07 Four Forces of Flight

GL08 Stability

GL10 Safety of Flight

GL11 Airports

GL14 ATC Services

GL15 Radio Procedures

GL17 Basic Weather Theory

GL18 Weather Patterns

GL19 Weather Hazards

GL23 FAR Part 61—this lesson could be potentially deleted if content is added to other lessons as we did in the textbook.

GL24 FAR Part 91 and NTSB 830—this lesson could be potentially deleted if content is added to other lessons as we did in the textbook.

GL25 Weight and Balance

GL26 Predicting Performance

GL28 Pilotage and Dead Reckoning

GL29 VOR Navigation

GL31 ADF Navigation—delete

GL32 Aviation Physiology