

Power Hour Lessons

A Deep Dive into FAA Resources for the CFI Checkride



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Overview

1. References for each task are listed in the PTS or ACS under each task. These are the only references the pilot or instructor is required to use and understand. A DPE asking questions not in this section is “Testing Outside of the Standard.”
2. The primary resources for the CFI practical test are:
 - a. PHAK
 - b. Airplane Flying Handbook
 - c. Aviation Instructor’s Handbook
 - d. FAR
 - e. AIM
 - f. AC 61-65H
 - g. POH
3. There are additional references in the form of ACs and other handbooks like Aviation Weather, Advanced Avionics Handbook, etc.
4. A detailed look at the PHAK. Purpose - Provides the Aeronautical Knowledge content for all certificates and ratings.
5. A detailed look at the Airplane Flying Handbook. Provides the “How to” for every maneuver. When a maneuver or procedure is in the POH for the airplane, use that procedure; otherwise, use what’s in the Airplane Flying Handbook. Deep looks into:
 - a. Prerequisite information before teaching:
 - i. Steep Turns.
 - ii. Turns around a point, S-turns across a road, rectangular courses.
 - iii. Power off 180-degree accuracy landing.
 - b. Content for Understanding Complex Airplane Operations and Turbocharging.
 - c. Content for flying Multi-Engine Airplanes.
6. FAR - Most important regulations for CFIs:
 - a. 61.1 - Definitions (XC requirements vs XC definition)
 - b. 61.23 - Medical certificates and basic med. CFIs don’t need a medical to take the checkride if DPE will be PIC and only necessary when teaching if required to be PIC.
 - c. 61.31 - Soloing a pilot already holding a pilot certificate above a student pilot certificate. Complex, HP, High Altitude, Tailwheel endorsement requirements.
 - d. 61.39 - Prerequisites for a practical test. A.1 and A.2 endorsement.
 - e. 61.49 - Retesting after failure. Note: 60-day validity is not in the regulation; it’s in DPE order 8900.2.
 - f. 61.56 - Flight Review.
 - g. 61.57 - Recency of experience - Passengers, IFR etc.
 - h. 61.63

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- i. Subpart C - Student Pilots
 - j. Subpart D - Recreational Pilots
 - k. Subpart E - Private Pilots
 - l. Subpart F - Commercial Pilots
 - m. Subpart H - Flight Instructors
 - n. Subpart I - Ground Instructors
7. AIM:
- a. Chapters 4 and 5
8. AC 61-65H - Endorsements
- a. The front section is a textual description of how to do something.
 - b. The appendix contains sample endorsements.
 - c. Sample endorsements have a guide to endorsing - How to sign, etc, properly.
9. POH - Pilot Operating Handbook Sections: GLEN PWS:
- a. General - General Information
 - b. Limitations - This also includes all of the placards that must be installed on the airplane.
 - c. Emergency procedures - If there are BOLD ITEMS, those are Memory Items.
 - d. Normal procedures - There may also be amplified procedures - detail for wing flap settings for rough field operations, for example.
 - e. Performance - Pay particular attention to the cruise performance section. RPM vs %power - TAS and Fuel Flow come from here.
 - f. Weight and Balance - Don't use the sample weight and balance for your airplane.
 - g. Systems - Descriptions of all of the systems on the airplane.
 - h. Supplements - Autopilot on/off altitudes, limitations, GPS, etc.

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Power Hour Lesson Outlines

Created Around Hour Long Weekly Live Topic Specific Instructional Training.
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The image displays a grid of six lesson outlines, each with a title, subtitle, and date. A chat window is overlaid on the right side of the grid.

Lesson Title	Subtitle	Date
Super Useful Holiday Gifts	Separating Gadgets From Super Useful Holiday Gifts	November 25, 2023, 12:00:00 PM
Airspace and Chart Review	Graduate Work on Airspace Classes	November 18, 2023, 12:00:00 PM
Advanced Foreflight Features	Using ForeFlights Best Features	November 11, 2023, 12:00:00 PM
Mnemonics you May not Be Using		
100k Career Flight Instructors		
Landing Tips Really work		

Chat Window:
Nick (Customer Service): If you have any questions let me know. I'm one of the Flight Instructors at CFI Bootcamp. 20:39
User: Hello!
User: Hey, I need some assistance.
User: Hi, can you guide me?

Future Power Hours:

December 23rd 2023

Caught Red Handed

- Errors in Advisory Circulars, the PHAK, and The Airplane Flying Handbook exposed.

December 30th 2023

Spring training starts soon

- How to get ahead of your pilot or instructor training when the snow melts.

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Membership Site: (Bootcamp +)

	FREE	\$9
Flight Training the Way I See it - Podcast	✓	✓
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Up-coming Paid Classes at CFI Bootcamp - In Person and Live-Streaming

Initial CFI Classes: .

Jan | 8th - 14th | Remote or In-person) - 1 Seats Open - 2 live stream spots.

Feb | 5th - 11th | (KOPF or Virtual) - 8 Seats Open - 4 live stream spots.

March | 11th - 17th | (Remote or In-person) - 8 Seats open - 4 live stream spots.

Instrument Flight Instructor – CFII – Classes:

Jan | 15th - 17th | (Remote or In-person) - 4 Seats Open - 4 live stream spots

Subject to Change

Locations in Palo Alto, CA (San Francisco Bay Area) and Miami Beach, FL
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