

Private Pilot Study Guide

Knowledge Areas:

- Aircraft Construction – PHAK Chapter 3
- Principles of Flight – PHAK Chapter 4
- Aerodynamics of Flight – PHAK Chapter 5
- Flight Controls – PHAK Chapter 6
- Aircraft Systems – PHAK Chapter 7 (skip FADEC, Turbine, Pressurization, Oxygen systems)
- Flight Instruments – PHAK Chapter 8
- Airport Operations – PHAK Chapter 14
- Airspace – PHAK Chapter 15
- 14 CFR Part 91: 91.3 – 91.151 (FAR/AIM)
- 14 CFR Part 91: 91.155 – 91.519 (FAR/AIM)
- Flight Manuals – PHAK Chapter 9
- Weight and Balance – PHAK Chapter 10
- Aircraft Performance – PHAK Chapter 11
- Aeromedical Factors – PHAK Chapter 17
- Weather Theory – PHAK Chapter 12
- Aviation Weather Services – PHAK Chapter 13
- Navigation – PHAK Chapter 16
- Night Operations – AFH Chapter 10

Maneuvers:

- Slow flight – AFH Chapter 4
- Power off stall - AFH Chapter 4
- Power on stall - AFH Chapter 4
- Emergency Approach and Landing (Simulated) at Altitude – AFH Chapter 17
- Rectangular Course – AFH Chapter 6
- Turns around a point - AFH Chapter 6
- S-turns - AFH Chapter 6
- Steep turns – AFH Chapter 9

FAR/AIM:

Private/Recreational

FAR

Part 1

1.1, 1.2

Part 21

21.181

Part 39

39.3

Part 43

ALL

Part 61

61.3, 61.15, 61.23, 61.31, 61.56, 61.57, 61.60, 61.69, 61.95, 61.101, 61.113

Part 71

71.5, 71.71

Part 91

91.3, 91.7, 91.9, 91.15, 91.17, 91.103, 91.105, 91.107, 91.111, 91.113, 91.115, 91.117, 91.119, 91.121, 91.123, 91.125, 91.126, 91.127, 91.129, 91.130, 91.131, 91.135, 91.151, 91.155, 91.157, 91.159, 91.203, 91.205, 91.207, 91.209, 91.211, 91.215, 91.303, 91.307, 91.309, 91.313, 91.319, 91.403, 91.405, 91.407, 91.409, 91.413, 91.417

NTSB

830.5, 830.10, 830.15

AIM

Chapter 1

1-1-4, 1-1-16, 1-1-17

Chapter 2

2-1-2, 2-1-8, 2-1-9, 2-1-10, 2-3-3, 2-3-5, 2-3-8, 2-3-11

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Chapter 5

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Chapter 6

6-2-4

Chapter 7

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Chapter 8

8-1-2, 8-1-3, 8-1-4, 8-1-5, 8-1-6, 8-1-8

Pilot/Controller Glossary