

AFI FLIGHT TRAINING

Study Guide for Private Pilot Ground School

Module 1: Aerodynamics and Aircraft Systems

Cessna Course

Phase 1 Learning Your Airplane

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 3 Principles of Flight

Chapter 4 Aerodynamics of Flight

Chapter 6 Aircraft Systems

Module 2: Regulations- FAR's

Cessna Course

Phase 1 Learning Your Airplane: More About Your Airplane

Phase 4 Preparing for Solo Flight: Aviation Rules and Terminology

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 1 Introduction to Flying

Chapter 8 Flight Manuals and Other Documents

Aeronautical Decision Making, Physiology

Cessna Course

Phase 2 Improving Control: Single Pilot Resource Management

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 16 Aeromedical Factors

Chapter 17 ADM

Module 3: Weather Theory and Hazards

Cessna Course

Phase 3 Takeoffs and Landing: Weather and Weather Briefings

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 11 Weather Theory

Module 4: Weather Reports

Cessna Course

Phase 3 Takeoffs and Landings: Weather Briefings

Phase 6 Getting Ready for Cross Country Flying:

Reading Weather Reports and Charts

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 12 Aviation Weather Resources

Aircraft Performance, Weight and Balance

Cessna Course

Phase 3 Takeoffs and Landings: Airplane Performance and Limitations

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 9 Weight and Balance

Chapter 10 Aircraft Performance

AFI FLIGHT TRAINING

Study Guide for Private Pilot Ground School

Module 5: Airspace

Cessna Course

Phase 4 Preparing for Solo Flight: Airspace

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 14 Airspace

Aeronautical Charts/Publications

Cessna Course

Phase 3 Takeoffs and Landings: Charts, Publications, Hazards, and Emergencies

Phase 7 Flying Cross Country: Preparing for Your Cross Country Flights: Sources of Flight Information

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 15 Navigation

Module 6: Flight Instruments (Systems):

Cessna Course

Phase 1 Learning Your Airplane: More About Your Airplane

Phase 4 Preparing for Solo Flight: Flight Instruments and Cockpit Displays

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 7 Flight Instruments

Night Operations

Cessna Course

Phase 8 Flying at Night

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 16 Aeromedical Factors

Module 7: Navigation and Flight Planning, E6-B

Cessna Course

Phase 7 Flying Cross Country

Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25A)

Chapter 15 Navigation

Module 8: Private Pilot Written Test Prep

Cessna Course Practice Test