

Stage 1 - Private Pilot Ground Lesson 5

Chapter 5 Communication and Flight Information

Leading Edge Aviation

Version 2015

Student Name _____

Lesson Objective:

- Become familiar with radar, transponder operations, and FAA radar equipment and services for VFR aircraft.
- Understand the types of services provided by Flight Service.
- Learn how to use the radio for communications.
- Gain a basic understanding of the sources of flight information, particularly the Aeronautical Information Manual and FAA advisory circulars.

Academic Content:

Section A - Radar and ATC Services

- Radar
- Transponder Operations
- FAA Radar Systems
- VFR Radar Services
- Automatic Terminal Information Service (ATIS)
- Flight Service

Date Completed _____

Time _____

Section B - Radio Procedures

- VHF Communication Equipment
- Using the Radio
- Phonetic Alphabet
- Coordinated Universal Time
- Common Traffic Advisory Frequency (CTAF)
- ATC Facilities at Controlled Airports
- Lost Communications Procedures
- Emergency Procedures
- Emergency Locator Transmitters (ELT's)

Date Completed _____

Time _____

Section C - Sources of Flight Information

- Airport/Facility Directory
- Federal Aviation Regulations
- Aeronautical Information Manual (AIM)
- Notices to Airmen (NOTAMs)
- Advisory Circulars
- Jeppesen Information Services

Date Completed _____

Time _____

Completion Standards:

- Demonstrate understanding of radar and ATC services, radio procedures and sources of flight information during oral quizzing by the instructor.
- Complete with a minimum score of 80%: questions for Chapter 5 Sections A, B, and C. Review with the instructor each incorrect response to ensure complete understanding before taking the Stage I Exam in Ground Lesson 6.

I certify that the aforementioned training has been conducted and/or received in accordance with Leading Edge Aviation Standards and the current 141 approved Jeppesen Private Pilot Syllabus.

Instructor _____

Date _____

Student _____

Date _____