

Stage I - Instrument Rating

Ground Lesson 6

Note: Students should read Chapter 3, Section A prior to Ground Lesson 6.

Lesson Objective:

- Study and become familiar with the airport environment, including collision avoidance and runway incursion avoidance.
- Gain specific knowledge of the National Airspace System.
- Gain a basic understanding of the sources of flight information, particularly the Aeronautical Information Manual and Advisory circulars dealing with IFR flight.

Academic Content:

Section A - Airports, Airspace, and Flight Information

Airport Environment

- Runway Markings
- Taxiway Markings
- Airport Signs
- Runway Incursion Avoidance
- Land and Hold Short Operations (LAHSO)
- Approach Light System
- Visual Glide Slope Indicators
- Runway Lighting
- Airport Beacons and Obstruction Lights

Date Completed _____

Time _____

Airspace

- Controlled Airspace
- Class A, B, C, D, and E Airspace
- Special VFR
- Class G Airspace (Uncontrolled)
- Aircraft Speed Limits
- Special Use Airspace
- Other Airspace Areas
- ADIZ

Date Completed _____

Time _____

Flight Information

- Aeronautical Information Manual
- Airport/Facility Directory
- Notices to Airman (NOTAMS)
- International Flight Information Manual
- Advisory Circulars

Date Completed _____

Time _____

Completion Standards:

- Demonstrate understanding of the airport environment and lighting, as well as airspace usage and sources of flight information during oral quizzing by the instructor at completion of lesson.
- Student completes Chapter 3 questions for Section A with a minimum passing score of 80%, and the instructor reviews incorrect responses to ensure complete understanding before the student progresses to Ground Lesson 7.

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 _____