

Stage III - Instrument Rating

Ground Lesson 23

Note: Students should read Chapter 9, Section E prior to Ground Lesson 23.

Lesson Objective:

- Learn how to access preflight and in-flight sources of weather information.
- Learn how to interpret and use weather information for planning and in-flight purposes.

Academic Content:

Section E - Sources of Weather Information

Preflight Weather Sources

- Flight Service Station
- Preflight Weather Briefing
- Telephone Information Briefing Service
- Direct User Access Terminal System
- Private Industry Sources
- Internet Sources

In-Flight Weather Sources

- AIRMETs and SIGMETs
- Convective SIGMETs
- Enroute Flight Advisory Service
- Flight Service
- Center Weather Advisories
- Hazardous In-Flight Weather Advisory Service
- Weather Radar Services
- Automated Surface Observing System (ASOS)
- Automated Weather Observing System (AWOS)

Airport Chart

- Weather Radar
- Lightning Detection Systems

Date Completed _____

Time _____

Completion Standards:

- Demonstrate understanding of preflight and in-flight weather sources and their uses during oral quizzing by the instructor at completion of lesson.
- Student completes Chapter 9 questions for Section E with a minimum passing score of 80%, and the instructor reviews incorrect responses to ensure complete understanding before the student progresses to Ground Lesson 24.

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 Plot Syllabus.

Instructor _____

Date _____

Student _____

Date _____