

Stage III - Instrument Rating

Ground Lesson 22

Note: Students should read Chapter 9, Section D prior to Ground Lesson 22.

Lesson Objective:

- Understand the information displayed on graphic weather products and how to use each product.

Academic Content:

Section D - Graphic Weather Products

Graphic Reports

- Surface Analysis Chart
- Weather Depiction Chart
- Radar Summary Chart
- Satellite Weather Pictures
- Composite Moisture Stability Chart
- Constant Pressure Analysis Chart

Graphic Forecasts

- Low-Level Significant Weather Prog.
- High-Level Significant Weather Prog.
- Convective Outlook Chart
- Forecast Winds and Temperatures Aloft Chart
- National Convective Weather Forecast
- Volcanic Ash Forecast Transport and Dispersion Chart

Date Completed _____

Time _____

Completion Standards:

- Demonstrate ability to interpret and integrate information presented in graphic weather products during oral quizzing by the instructor at completion of lesson.
- Student completes Chapter 9 questions for Section D with a minimum passing score of 80%, and the instructor reviews incorrect responses to ensure complete understanding before the student progresses to Ground Lesson 23.

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 _____