

Stage II - Instrument Rating

Ground Lesson 17

Note: Students should read Chapter 8, Section B prior to Ground Lesson 17.

Lesson Objective:

- Gain knowledge of ILS components and approach procedures.

Academic Content:

Section B - ILS Approaches

- ILS Categories and Minimums
- ILS Components
- Inoperative Components
- Flying the ILS
- Straight-In (NoPT) ILS Approach
- ILS Approach With a Course Reversal
- ILS/DME Approach
- Radar Vectors to ILS Final
- ILS Approaches to Parallel Runways
- Simultaneous Converging Instrument Approach
- Localizer Approach
- Localizer Back Course Approach
- LDA, SDF, and MLS Approaches

ATD (Option)

- Localizer
- Glideslope
- ILS Marker Beacons
- Compass Locators
- Flying the ILS Approach
- Nonradar ILS Procedures
- Transition Via DME Arc
- Localizer Approach and Back Course Approach

Date Completed _____

Time _____

Completion Standards:

- Demonstrate understanding of the various methods of conducting an ILS approach during oral quizzing by the instructor at completion of lesson.
- Student completes Chapter 8 questions for Section B with a minimum passing score of 80%, and the instructor reviews incorrect responses to ensure complete understanding before the student progresses to Ground Lesson 18.

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 _____