

Stage II - Private Pilot Flight Lesson 15

Dual - Local Instrument (1.0)

Leading Edge Aviation

Version 2015

Student Name _____

Note: A view-limiting device is required for the .5 hours of dual instrument time allocated to Flight Lesson 15.

Note: This lesson may be accomplished in the AATD.

Lesson Objective:

- Gain proficiency in attitude instrument flying.
- Learn how to use basic instrument skills to manage marginal VFR conditions or turn back to VFR conditions after inadvertent flight into IFR conditions.
- Review short- and soft-field procedures and emergency operations.

Preflight Discussion:

- ☐ Flight Instrument Functions, Common Errors, and Limitations
- ☐ Navigation Instruments
- ☐ Inadvertent Flight into IFR Conditions
- ☐ Operations in Turbulence
- ☐ Partial Panel
- ☐ Resource Use

Review:

Satisfactory

Needs Improvement

Autopilot Use (if equipped) (VR/IR)	<input type="checkbox"/>	<input type="checkbox"/>
VOR Orientation and Tracking (VR/IR)	<input type="checkbox"/>	<input type="checkbox"/>
GPS Orientation and Tracking (VR/IR)	<input type="checkbox"/>	<input type="checkbox"/>
ADF Orientation and Homing (VR/IR)	<input type="checkbox"/>	<input type="checkbox"/>
Maneuvering During Slow Flight (VR/IR)	<input type="checkbox"/>	<input type="checkbox"/>
Power-Off Stalls (VR/IR)	<input type="checkbox"/>	<input type="checkbox"/>
Power-On Stalls (VR/IR)	<input type="checkbox"/>	<input type="checkbox"/>
Using Radio Communication, Navigation Systems/Facilities, and Radar Services (IR)	<input type="checkbox"/>	<input type="checkbox"/>
Recovery From Unusual Flight Attitudes (IR)	<input type="checkbox"/>	<input type="checkbox"/>
Short-Field Takeoffs/Maximum Performance Climbs and Landings	<input type="checkbox"/>	<input type="checkbox"/>
Soft-Field Takeoffs and Landings	<input type="checkbox"/>	<input type="checkbox"/>
Crosswind Takeoffs and Landings	<input type="checkbox"/>	<input type="checkbox"/>
Forward Slips to a Landing	<input type="checkbox"/>	<input type="checkbox"/>
Go-Around/Rejected Landing	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Operations	<input type="checkbox"/>	<input type="checkbox"/>

Completion Standards:

- ☐ Demonstrate competency in basic instrument maneuvers and procedures, including control of the airplane during unusual attitude recoveries.
- ☐ Control altitude ± 150 feet during level turns, straight-and-level flight, and slow flight.
- ☐ Recover promptly from fully-developed stalls, using the correct techniques and maintaining coordinated flight.
- ☐ Demonstrate increasing skill in short- and soft-field takeoff and landing procedures.

Pre_____, Post_____, PIC_____, Dual_____, Inst. _____, XC_____, Solo_____, Night_____, Day Land_____, Night Land_____

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____