

Stage II - Private Pilot

Flight Lesson 14

Dual - Local (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 14.

Note: This lesson may be accomplished in the AATD.

Lesson Objective:

- Practice the listed maneuvers to gain proficiency and confidence.
- Gain proficiency in attitude instrument flying and control the airplane by instrument reference during simulated emergency situations.
- Begin navigating using VOR, GPS, and ADF navigation (based on aircraft equipment)

Preflight Discussion:

- Basic Instrument Maneuvers
- Recovery from Unusual Flight Attitudes
- Radio Communication, Navigation Systems/Facilities, and Radar Services
- Resource Use
- Situational Awareness
- Disorientation

Introduce:

	Satisfactory	Needs Improvement
VOR Orientation and Tracking (VR) _____	<input type="checkbox"/>	<input type="checkbox"/>
GPS Orientation and Tracking (VR) _____	<input type="checkbox"/>	<input type="checkbox"/>
ADF Orientation and Homing (VR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Power-Off Stalls (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Power-On Stalls (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Recovery from Unusual Flight Attitudes (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Using Radio Communications, Navigation Systems/Facilities, and Radar Services _____	<input type="checkbox"/>	<input type="checkbox"/>
Basic Autopilot Use (if equipped) (VR/IR) _____	<input type="checkbox"/>	<input type="checkbox"/>

Review:

Low Level Wind Shear Precautions _____	<input type="checkbox"/>	<input type="checkbox"/>
Short-Field Takeoffs and Maximum Performance Climbs _____	<input type="checkbox"/>	<input type="checkbox"/>
Short-Field Approaches and Landings _____	<input type="checkbox"/>	<input type="checkbox"/>
Power-Off Stalls _____	<input type="checkbox"/>	<input type="checkbox"/>
Power-On Stalls _____	<input type="checkbox"/>	<input type="checkbox"/>
Maneuvering During Slow Flight (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>

Completion Standards:

- Perform takeoffs and landings smoothly, while maintaining directional control.
- Perform stabilized approaches to landing maintaining the proper airspeed within ± 5 knots.
- Demonstrate basic understanding of VOR, GPS, and ADF navigation procedures.
- Display the correct unusual attitude recovery techniques.

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

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____