

# Stage I - Private Pilot Flight Lesson 4

Dual - Local (1.0)

# Leading Edge Aviation

Version 2015

Student Name \_\_\_\_\_

Note: A view limiting device is required for the .2 hours of dual instrument time allocated to Flight Lesson 4.

All preflight duties and procedures will be performed and evaluated prior to each flight. Therefore, they will not appear in the content outlines

### Lesson Objective:

- Gain additional proficiency in controlling the airplane by instrument reference (IR) and in the maneuvers and procedures listed for review.
- Recognize and recover from stalls.
- Learn and practice the maneuvers and procedures listed for introduction, including emergency operations, and steep turns.
- Learn about secondary, accelerated maneuvers, cross-control, and elevator trim stalls by observing instructor demonstration.

### Preflight Discussion:

- Risk Management
- Pilot-in-Command Responsibilities
- Systems and Equipment Malfunctions
- Emergency Field Selection

### Introduce:

	Satisfactory	Needs Improvement
Systems and Equipment Malfunctions _____	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Descent _____	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Approach and Landing (Simulated) _____	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Equipment and Survival Gear _____	<input type="checkbox"/>	<input type="checkbox"/>
Climbing and Descending Turns (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Steep Turns _____	<input type="checkbox"/>	<input type="checkbox"/>
Turns to Headings (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Flight at Slow Airspeeds with Realistic Distractions, and the Recognition and Recover from Stalls Entered from Straight Flight and from Turns _____	<input type="checkbox"/>	<input type="checkbox"/>
Stall/Spin Awareness _____	<input type="checkbox"/>	<input type="checkbox"/>
Demonstrated Stalls (Secondary, Accelerated, Cross-Controlled, and Elevator Trim Stalls) _____	<input type="checkbox"/>	<input type="checkbox"/>

*Note: the demonstrated stalls are not a proficiency requirement for private pilot certification. The purpose of the demonstrations is to help the student learn how to recognize, prevent, and if necessary, recover before the stall develops into a spin. These stalls should not be practiced without a qualified flight instructor. In addition, some stalls may be prohibited in some airplanes.*

### Review:

Airport, Runway and Taxiway Signs, and Lighting _____	<input type="checkbox"/>	<input type="checkbox"/>
Aviation Security _____	<input type="checkbox"/>	<input type="checkbox"/>
Airspeed and Configuration Changes _____	<input type="checkbox"/>	<input type="checkbox"/>
Flight at Approach Speed _____	<input type="checkbox"/>	<input type="checkbox"/>
Flight at Various Airspeeds From Cruise to Slow Flight _____	<input type="checkbox"/>	<input type="checkbox"/>
Climbing and Descending Turns (VR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Normal Takeoffs and Landings _____	<input type="checkbox"/>	<input type="checkbox"/>
Collision Avoidance Precautions _____	<input type="checkbox"/>	<input type="checkbox"/>
Traffic Patterns _____	<input type="checkbox"/>	<input type="checkbox"/>

### Completion Standards:

- Maintain coordinated airplane attitude control during basic maneuvers.
- Perform takeoffs without instructor assistance.
- Demonstrate correct communications and traffic pattern procedures.
- Complete Landings with minimal instructor assistance.
- Demonstrate basic understanding of steep turns, slow flight, stalls, stall recovery, and emergency operations.
- Explain the causes and recovery procedures for secondary, accelerated, cross-control, and elevator-trim stalls, as well as spins.
- Indicate basic understanding of airplane control by use of the flight instruments.

Note: All preflight duties and procedures will be performed and evaluated prior to each flight. Therefore, they will not appear in the content outlines.

Pre\_\_\_\_\_, Post\_\_\_\_\_, PIC\_\_\_\_\_, Dual\_\_\_\_\_, Inst. \_\_\_\_\_, XC\_\_\_\_\_, Solo\_\_\_\_\_, Night\_\_\_\_\_, Day Land\_\_\_\_\_, Night Land\_\_\_\_\_

Aircraft Tail # \_\_\_\_\_

Instructor \_\_\_\_\_

Date \_\_\_\_\_

Student \_\_\_\_\_

Date \_\_\_\_\_