

Stage I - Private Pilot

Flight Lesson 3

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 3.

Lesson Objective:

- Gain proficiency in controlling airspeed during basic maneuvers and traffic pattern operations.
- Become familiar with stalls from various flight attitudes in order to increase understanding of airplane control during normal and critical flight conditions.
- Begin controlling the airplane attitude by instrument reference (IR).
- Properly execute basic maneuvers and procedures, particularly takeoffs, traffic patterns, and landings.

Preflight Discussion:

- ☐ Single-Pilot Resource Management (SRM) to include Task Management and Situational Awareness
- ☐ Positive Aircraft Control
- ☐ Basic Instrument Maneuvers
- ☐ Preflight Planning, Operation of Power Plant, Aircraft Systems, and Engine Runup Procedures
- ☐ Visual Scanning and Collision Avoidance Precautions
- ☐ Windshear and Wake Turbulence Avoidance Procedures

Introduce:

Satisfactory

Needs Improvement

Flight at Various Airspeeds From Cruise to Slow Flight _____	<input type="checkbox"/>	<input type="checkbox"/>
Climbing and Descending Turns _____	<input type="checkbox"/>	<input type="checkbox"/>
Maneuvering During Slow Flight _____	<input type="checkbox"/>	<input type="checkbox"/>
Power-Off Stalls _____	<input type="checkbox"/>	<input type="checkbox"/>
Power-On Stalls _____	<input type="checkbox"/>	<input type="checkbox"/>
Straight and Level Flight (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Constant Airspeed Climbs (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>
Constant Airspeed Descents (IR) _____	<input type="checkbox"/>	<input type="checkbox"/>

Review:

Use of Checklists _____	<input type="checkbox"/>	<input type="checkbox"/>
Airplane Servicing _____	<input type="checkbox"/>	<input type="checkbox"/>
Preflight Inspection _____	<input type="checkbox"/>	<input type="checkbox"/>
Airworthiness Requirements _____	<input type="checkbox"/>	<input type="checkbox"/>
Engine Starting _____	<input type="checkbox"/>	<input type="checkbox"/>
Radio Communications _____	<input type="checkbox"/>	<input type="checkbox"/>
Crosswind Taxi _____	<input type="checkbox"/>	<input type="checkbox"/>
Before Takeoff Check _____	<input type="checkbox"/>	<input type="checkbox"/>
Normal Takeoff and Climb _____	<input type="checkbox"/>	<input type="checkbox"/>
Traffic Patterns _____	<input type="checkbox"/>	<input type="checkbox"/>
Collision Avoidance Precautions _____	<input type="checkbox"/>	<input type="checkbox"/>
Turns to Headings _____	<input type="checkbox"/>	<input type="checkbox"/>
Airspeed and Configuration Changes _____	<input type="checkbox"/>	<input type="checkbox"/>
Descents in High and Low Drag Configurations _____	<input type="checkbox"/>	<input type="checkbox"/>
Flight at Approach Airspeed _____	<input type="checkbox"/>	<input type="checkbox"/>
Normal Approach and Landing _____	<input type="checkbox"/>	<input type="checkbox"/>
Airport, Runway, and Taxiway Signs _____	<input type="checkbox"/>	<input type="checkbox"/>
Markings and Lighting _____	<input type="checkbox"/>	<input type="checkbox"/>
Parking and Securing the Airplane _____	<input type="checkbox"/>	<input type="checkbox"/>

Completion Standards:

- ☐ Display increased proficiency in coordinated airplane attitude control during basic maneuvers.
- ☐ Perform unassisted takeoffs.
- ☐ Demonstrate correct communications and traffic pattern procedures.
- ☐ Complete landings with instructor assistance.
- ☐ Maintain altitude within ± 250 feet during airspeed transitions and while maneuvering at slow airspeeds.
- ☐ Display the basic ability to control attitude by instrument reference (IR).

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

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____