

Stage I - Private Pilot

Flight Lesson 2

Dual - Local (1.0)

Leading Edge Aviation

Version 2015

Student Name _____

Lesson Objective:

- Gain proficiency in the procedures and maneuvers introduced in Flight Lesson 1, especially preflight activities, ground operations, and attitude control during basic maneuvers using visual reference (VR).
- Learn the elements of crosswind taxiing, turns, and flying at various airspeeds.
- Understand collision avoidance and runway incursion avoidance procedures.

Preflight Discussion:

- Human Factors Concepts
- Single Pilot Resource Management (SRM)
- Aeronautical decision Making (ADM)
- Engine Starting
- Airport, Runway, and Taxiway Signs, Markings, and Lighting
- Crosswind Taxiing
- Collision Avoidance Precautions
- Airspeed and Configuration Changes

Introduce:

	Satisfactory	Needs Improvement
Aviation Security _____	<input type="checkbox"/>	<input type="checkbox"/>
Airport, Runway, and Taxiway Signs Markings and Lighting _____	<input type="checkbox"/>	<input type="checkbox"/>
Crosswind Taxi _____	<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"/>
Flight at Approach Airspeed _____	<input type="checkbox"/>	<input type="checkbox"/>
Traffic Patterns _____	<input type="checkbox"/>	<input type="checkbox"/>
Descents in High and Low Drag Configurations _____	<input type="checkbox"/>	<input type="checkbox"/>

Review:

Use of Checklists _____	<input type="checkbox"/>	<input type="checkbox"/>
Preflight Inspection _____	<input type="checkbox"/>	<input type="checkbox"/>
Certificates and Documents _____	<input type="checkbox"/>	<input type="checkbox"/>
Airplane Servicing _____	<input type="checkbox"/>	<input type="checkbox"/>
Cockpit Management _____	<input type="checkbox"/>	<input type="checkbox"/>
Operation of Systems _____	<input type="checkbox"/>	<input type="checkbox"/>
Engine Starting _____	<input type="checkbox"/>	<input type="checkbox"/>
Radio Communications _____	<input type="checkbox"/>	<input type="checkbox"/>
Positive Exchange of Flight Controls _____	<input type="checkbox"/>	<input type="checkbox"/>
Runway Incursion Avoidance _____	<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"/>
Straight and Level Flight _____	<input type="checkbox"/>	<input type="checkbox"/>
Climbs, Descents, and Level-Offs _____	<input type="checkbox"/>	<input type="checkbox"/>
Normal Approach and Landing _____	<input type="checkbox"/>	<input type="checkbox"/>
After Landing, Parking, and Securing _____	<input type="checkbox"/>	<input type="checkbox"/>

Completion Standards:

- Perform the preflight activities, ground operations, and coordinated airplane attitude control with instructor assistance.
- Perform taxiing and takeoffs with instructor assistance.
- Explain how to use the controls to maintain altitude within ± 250 feet during airspeed and configuration changes.
- Explain how to control attitude by visual reference (VR).

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

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____