

Module 3 – Basic Flight Maneuvers and Aircraft Systems/Operations

Flight Lesson 3 – Turns, precision, throttle.

Suggested:

Ground lesson 3 should be completed before this flight lesson.

Objective:

For the student to become proficient with the four basics of flight: straight and level flight, climbs, turns, descents; and collision avoidance procedures.

Content:

Review

- ___ Pre-flight
- ___ Checklist use
- ___ Control effects on ground and in flight
- ___ Normal takeoff and climb-out (instructor demonstrate)
- ___ Collision avoidance procedures
- ___ Climbs
- ___ Straight and level flight
- ___ Descents: with and without power
- ___ Scanning procedures
- ___ Normal approach and landing (instructor demonstrate)
- ___ Post-flight procedures

New

- ___ Student performs the pre-flight with checklist
- ___ Student starts aircraft and taxis with checklist
- ___ Student introduced to taxiing on the ground with the wing overhead known as kiting
- ___ Turns: 90, 180, 360 degrees, and turns to headings
- ___ Use of throttle

Completion Standards:

This lesson is complete when the student can conduct the ground operations of: pre-flight using the checklist with minimum assistance, proper use of all checklists, start the airplane, taxi, and operate the controls. Flight operations requirements include: understanding the four basics of flight, and maintaining altitude within 200 feet, and heading within 20 degrees, while performing the maneuvers listed in the content of this module.

Assignment for this lesson:

- Watch the *Starting Powered Parachuting* – (Sections 5 through 9) and answer the fill-in-the-blank DVD questions for sections watched.
- Read Aircraft *Pilots Operating Handbook/Flight manual* Section “4. Normal Procedures”
- Read FAA *Powered Parachute Flying Handbook Chapter 6*.

Lesson Results:

Date of completion _____ Instructor Signature/ID _____

Student Signature _____ Time flown _____

Instructor remarks: