



## **SPORT PILOT TRAINING SYLLABUS**

### **LESSON 1A: Taxing, 4 Fundamentals of flight, slow flight**

**TIME:** 1 hour Ground Instruction and 1 Flight hour Flight Instruction

**OBJECTIVE:** To introduce the student to aircraft ground handling, flight fundamentals, Slow flight, adverse yaw, and Pilot Induced Oscillations (PIO).

**HOME STUDY:** Pilot's Handbook of Aeronautical Knowledge (**PHAK**) Chapters 1-3; Airplane Flying Handbook (**AFH**) Chapters 1-3; You Tube Video: Paul Hamilton's Learn to fly a fixed wing light-sport aircraft.

**LESSON ITEMS:** Taxing, four fundamentals of flight (straight and level, turns, climbs, descents). Slow flight, adverse yaw, and the importance of coordinated flight control usage.

**COMPLETION STANDARDS:** The lesson is completed when the student has taxied the aircraft all around the airport, made turns, climbs, glides, and straight and level, and observed slow flight.