



## **Student Pilot Progress Record**

**Name** \_\_\_\_\_  
**Address** \_\_\_\_\_  
**Phone** \_\_\_\_\_  
**Weight** \_\_\_\_\_  
**Emergency Contact Info** \_\_\_\_\_

*Minimum 25 flights – please log*

<b>Flight No.</b>	<b>Date</b>	<b>Conditions</b>	<b>Time</b>	<b>Vertical</b>	<b>Location</b>	<b>Comments/Skills</b>
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2.						
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31.						



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### **Novice (P2) Witnessed Tasks & Flight Requirements**

- Proper layout and preflight checklist
- Explain wind and weather conditions at site
- Demonstrate smooth airspeed control
- Minimum 25 flights
- Minimum 5 flying days
- 2 Light Wind Launches
- 2 Moderate Wind Launches
- 2 High Wind Launches
- 2 Reverse Launches
- Rear Riser Turns
- Big Ears
- Stabulo Tug
- Big Ears with Speed Bar
- 2 Cross Wind Launches
- 2 flights with S turns
- 2 flights with 180 degree turns
- Demonstrate proper ground/ridge clearance
- Show proper clearance from other aircraft
- Crab along predetermined flight-path in wind
- 5 spot landings (within 25 ft radius of spot)
- Weight shift turns with no hands on brakes
- Weight shift turns with one hand on brakes
- Speed Bar Use
- Weight-shift turns
- Kiting glider for 2 minutes on ground
- 5 consecutive forward and reverse inflations
- Explain/demonstrate Right of Way Rules
- Explain/demonstrate how to shorten glide path
- Explain/demonstrate how to lengthen glide path
- Explain/demonstrate canopy packing & care
- Explain proper high wind deflation techniques
- Look, lean and add brake to turn
- Demonstrate proper flying posture

### **Discussion Topics/Theory**

- Aerodynamics (drag, thrust & lift)
- Angle of Attack
- Surge Control
- Glide Slope/Angle
- Ground Speed
- Air Speed
- Wind Speed & Direction
- Parachute Landing Fall (PLF)
- Reserve Deployment
- Descent Techniques
- Types of Collapses
- Types of Stalls
- When to Use Speed System
- Object Fixation
- Loading the Glider
- Crabbing
- Local Site Orientation
- FAR 103--Airspace Rules
- Weather Discussions (Micro & Macro)
- Clouds and what they tell us
- Overdevelopment & Microbursts
- Cloud Suck
- Winds Aloft
- Anabatic/Catabatic Flow
- Ridge Soaring
- Thermal Soaring
- Rotor & Turbulence
- Jetstream
- Pressure Systems & Fronts
- Air Density –Temperature, pressure, altitude
- Landing Approach discussion