

Name \_\_\_\_\_ Ph \_\_\_\_\_

Address \_\_\_\_\_ (W) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ (C) \_\_\_\_\_

E-Mail \_\_\_\_\_

Pilot Certificate Number \_\_\_\_\_ Total Time/Date \_\_\_\_\_

Pilot Certificates Held \_\_\_\_\_ Glider Time/Date \_\_\_\_\_

Season CK Out Inst/Date/AC	Last BFR Inst/Date	Cond Level Inst/Date	Two Place Inst/Date	Single Place Inst/Date	90 Day Solo Inst/Date
_____	_____	_____	_____	_____	_____
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I have read and understand the Club Field Rules.

\_\_\_\_\_  
Signature Date

Lesson 10 Pre-Solo Test \_\_\_\_\_

Lesson 11 \_\_\_\_\_

Lesson 12 \_\_\_\_\_

Lesson 13 \_\_\_\_\_

Lesson 14 \_\_\_\_\_

Lesson 15 \_\_\_\_\_

Lesson 16 \_\_\_\_\_

Lesson 17 \_\_\_\_\_

Lesson 18 \_\_\_\_\_

Lesson 19 \_\_\_\_\_

Lesson 20 \_\_\_\_\_

Lesson 21 \_\_\_\_\_

Lesson 22 \_\_\_\_\_ this is an evaluation lesson

Lesson 23 \_\_\_\_\_ this is an evaluation lesson

Private/Commercial Pilot Written Test Endorsement \_\_\_\_\_

Private/Commercial Pilot Practical Test Endorsement \_\_\_\_\_



## Ground Instruction Guide Pre-Solo

<u>Inst/Date</u>	<u>Lesson 1</u>
___/___	Explanation of Basic Control Functions (GFH Chapter 2)
___/___	Explanation of Basic Instrumentation (GFH Chapter 4)
<u>Inst/Date</u>	<u>Lesson 2</u>
___/___	Local Flying Area/ Class B Airspace (PHAK Chapter 13)
___/___	Cockpit Checklist (GFH Chapter 6)
___/___	Detailed Explanation of the Effect of Controls (GFH Chapter 3)
___/___	Use of Trim and Aircraft Stability (GFH Chapter 3)
___/___	Attitude and Airspeed Correlation (GFH Chapter 7)
___/___	Clearing Before Turns and Airwork (PTS Page 7)
___/___	5 Side Effects of Turning (GFH Chapter 7)
___/___	Relative Wind and Angle of Attack (GFH Chapter 3)
<u>Inst/Date</u>	<u>Lesson 3</u>
___/___	Review Lesson 2
___/___	Assembly, Positive Control Check, and Critical Assembly Check (GFH Chapter 6)
___/___	Disassembly and Trailing (GFH Chapter 6)
___/___	Preflight Inspection: Cockpit and Airframe (GFH Chapter 6)
___/___	Tow – Relative Motion (Not Position) (GFH Chapter 7)
___/___	Minimum Controllable Airspeed (GFH Chapter 7)
<u>Inst/Date</u>	<u>Lesson 4</u>
___/___	Review Lesson 3
___/___	Normal Takeoff (GFH Chapter 7)
___/___	Normal Tow and Release (GFH Chapter 7)
___/___	Glider Performance (GFH Chapter 5)
___/___	Stalls Entry and Recovery (Clearing Turns) - Straight and Level (GFH Chapter 7)
___/___	Thermaling (GFH Chapter 10)
___/___	Landing Checklist (GFH Chapter 7)
___/___	Landing Pattern – Clearing, Speed and Trim (GFH Chapter 7)
___/___	TLAR (That Looks About Right – Tom Knauff)
___/___	Judgment Training and Medical Factors (GFH Chapter 1)
<u>Inst/Date</u>	<u>Lesson 5</u>
___/___	Review Lesson 4
___/___	Crosswind Takeoff (GFH Chapter 7)
___/___	Normal and Low Tow Positions (GFH Chapter 7)
___/___	Propwash and Wingtip Vortices (GFH Chapter 7)
___/___	Stalls Entry and Recovery (Clearing Turns) - 30° Bank Turns (GFH Chapter 7)
___/___	Load Factor and Stall Speed (GFH Chapter 3)
___/___	Divebrake and Altitude Correlation During Landing (GFH Chapter 7)
___/___	Accuracy Landing, Aiming Points, T.L.A.R. (Tom Knauff) (GFH Chapter 7)
___/___	Wind Shear and Wind Gradient (PHAK Page 10-9) (JOS Page 49)
___/___	Judgment Training and Medical Factors (GFH Chapter 1)

## Ground Instruction Guide Pre-Solo

<u>Inst/Date</u>	<u>Lesson 6</u>
___/___	Review Lesson 5
___/___	Glider Weight and Balance (three methods) (GFH Chapter 5)
___/___	Tow Signals, Rope Break Options, Slack Line (GFH Chapter 7)
___/___	Emergencies during Takeoff and Tow (GFH Chapter 7)
___/___	Steep Turns and Load Factors (GFH Chapter 7)
___/___	Spirals about and Area (GFH Chapter 7)
___/___	Cross-Wind Patterns and Landings (GFH Chapter 7)
___/___	Pattern Planning – Effects of Lift in Pattern (simulate a no spoiler approach)
___/___	Pattern Planning – Effects of Sink in Pattern (simulate full spoiler approach)

<u>Inst/Date</u>	<u>Lesson 7</u>
___/___	Review Lesson 6
___/___	Boxing Wake on Tow (GFH Chapter 7)
___/___	Stall entry and recovery - Shallow turn, Cross controlled (GFH Chapter 7)
___/___	Stall entry and recovery – Accelerated (GFH Chapter 7)
___/___	Review FAR parts 61 and 91 (see references in PPGTPH)
___/___	Review local field rules
___/___	Review Airspace Rules (PHAK Chapter 13)
___/___	Review Wind Condition Rules
___/___	Review Spot landings (GFH Chapter 7)
___/___	Forward and Side Slips (GFH Chapter 7)

<u>Inst/Date</u>	<u>Lesson 8</u>
___/___	Review Lesson 7
___/___	Review Tow Emergencies (GFH Chapter 7)
___/___	Review Rope Break Simulation 200' (GFH Chapter 7)
___/___	Review Downwind Landings (GFH Chapter 7)
___/___	Review Slack Line Recovery (GFH Chapter 7)
___/___	Review Steep Turns (GFH Chapter 7)
___/___	Review Flying at Minimum Controllable A/S (GFH Chapter 7)
___/___	Discuss FAR Parts 43 & 830
___/___	Discuss Effects of High Winds on Pattern (GFH Chapter 7)
___/___	Discuss Pattern Planning when too Low (GFH Chapter 7)
___/___	Discuss Conflicts on Runway

<u>Inst/Date</u>	<u>Lesson 9</u>
___/___	Review Lesson 8
___/___	Review Boxing Wake (GFH Chapter 7)
___/___	Review Tow Signals (GFH Chapter 7)
___/___	Review Stall Entry & Recovery (Clearing Turns) (GFH Chapter 7)
___/___	Discuss Spin Entry & Recovery (Clearing Turns) (GFH Chapter 7)
___/___	Discuss Off-Field Landings - No Altimeter (GFH Chapter 8)
___/___	Review Field Selection (GFH Chapter 8)
___/___	Review X-Wind and Spot Landings (GFH Chapter 7)

<u>Inst/Date</u>	<u>Lesson 10</u>
___/___	Review Lesson 9
___/___	Administer Pre-solo Written Quiz
___/___	Review Take-Off and Tow
___/___	Review Air work
___/___	Review Landings

<u>Inst/Date</u>	
___/___	Lesson 11 Ground Instruction (PPGTPH)
___/___	Lesson 12 Ground Instruction (PPGTPH)
___/___	Lesson 13 Ground Instruction (PPGTPH)
___/___	Lesson 14 Ground Instruction (PPGTPH)
___/___	Lesson 15 Ground Instruction (PPGTPH)
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___/___	Private/Commercial Pilot Practical Test Endorsement _____

PHAK – Pilots Handbook of Aeronautical Knowledge

GFH – Glider Flying Handbook

SFM – Soaring Flight Manual

AIM – Aeronautical Information Manual

PTS – Practical Test Standard

PPGTPH - Private Pilot Glider Practical Test Preparation Handout