

# Glider Private Pilot Training Record

Name: \_\_\_\_\_

CFI Initials \_\_\_\_\_

1 2 3 4 OK Item

## A.0 Obtain General Information and Materials

- A.1 \_\_\_\_\_ Field Safety Briefing, Flight Line Operations
- A.2 \_\_\_\_\_ Student/Instructor Expectations, Control Transfer
- A.3 \_\_\_\_\_ Training Disk / Local Procedures
- A.4 \_\_\_\_\_ Self Study Guide
- A.5 \_\_\_\_\_ Ops Manual & Airspace Agreements
- A.6 \_\_\_\_\_ Log Book – Documentation Requirements
- A.7 \_\_\_\_\_ SSA & FAA Soaring Signals
- A.8 \_\_\_\_\_ Student Pilot License # \_\_\_\_\_ Date \_\_\_\_\_
- A.9 \_\_\_\_\_ Glider Flight Manual
- A.10 \_\_\_\_\_ Soaring Text FAA-H-8083-13
- A.11 \_\_\_\_\_ Weather Text, Briefings
- A.12 \_\_\_\_\_ FAR/AIM
- A.13 \_\_\_\_\_ FAA Practical Test Standards
- A.14 \_\_\_\_\_ Charts & Plotter
- A.15 \_\_\_\_\_ Written Test Prep Book or Course
- A.16 \_\_\_\_\_ Off Field Landings booklet
- A.17 \_\_\_\_\_ Student Projects \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## B.0 Ground Instruction Topics

- B.1 \_\_\_\_\_ Decision Making, Judgment
- B.2 \_\_\_\_\_ Aerodynamics, Stall/Spin Awareness
- B.3 \_\_\_\_\_ Glider Systems, Instruments, Avionics
- B.4 \_\_\_\_\_ Airport Operations
- B.5 \_\_\_\_\_ Assembly/Disassembly, Preflight Inspections, Retrieves
- B.6 \_\_\_\_\_ Wind Shear, Wind Gradient & Wake Turbulence Avoidance
- B.7 \_\_\_\_\_ Off Field Landings
- B.8 \_\_\_\_\_ Certificates and Documents
- B.9 \_\_\_\_\_ Cockpit Management
- B.10 \_\_\_\_\_ National Airspace System
- B.11 \_\_\_\_\_ Navigation and Sectional Chart
- B.12 \_\_\_\_\_ Performance & Limitations, Weight and Balance, Density Alt.
- B.13 \_\_\_\_\_ Glider Related FARs, NTSB Reporting, AIM, AC's
- B.14 \_\_\_\_\_ Soaring Weather
- B.15 \_\_\_\_\_ Aeromedical Factors – Alcohol, medications, eyesight
- B.16 \_\_\_\_\_ FAA Weather Briefing and Products
- B.17 \_\_\_\_\_ Radio Communication Procedures, Airport Markings

## 1.0 Flight Phase 1 – Pre-Solo Air Work, Takeoff & Tow

- 1.1     \_\_\_\_\_ Preflight Inspection, Squawks, Inspection of Towline
- 1.2     \_\_\_\_\_ Pre-Takeoff Checklist, Cockpit Management & Habit Pattern
- 1.3     \_\_\_\_\_ Runway, Clear Pattern, Takeoff Signals
- 1.4     \_\_\_\_\_ Takeoff Emergencies, Use of Release, Ready for Anything

Shaded numbers indication pre-solo items required by FAR 61.87

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#	1	2	3	4	OK	Item
1.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Normal Takeoff
1.6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Crosswind Takeoff
1.7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Correct Tow Position, Slack Rope Recovery
1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Tow Emergencies, Signals
1.9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Tow Release
1.10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Situational Awareness, Location of landing fields
1.11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Collision Avoidance, how to scan, Clearing Before Turns
1.12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Sailplane Stability, Trim, Hands off Demo
1.13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Flight at Various Airspeeds, Pitch Control
1.14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Use of Dive Brake, Spoilers, (Flaps) for Descent Control
1.15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Straight Glides $\pm 10$ kts, Heading $\pm 10^\circ$
1.16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Tracking a Course/ Crabbing
1.17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Coordinated Flight - Adverse Yaw and using Yaw String
1.18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Turn Coordination, Entry, Exit to Desired Heading $\pm 10^\circ$
1.19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Shallow Turns, Airspeed $\pm 10$ kts
1.20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Medium Turns, Airspeed $\pm 10$ kts
1.21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Clearing Turns Prior to Maneuvers
1.22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Slow Flight - Heading $\pm 10^\circ$ , Bank $\pm 10^\circ$
1.23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Fwd Stalls and Recovery (1500 AGL min.), Imminent /Full
1.24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Turning stalls and Recovery, Imm. and Full, Bank $15^\circ \pm 10^\circ$
1.25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Spin Awareness, Entry and Recovery both directions
1.26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Forward Slips, Side slips & Turning Slips
1.27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Arrive at Airfield 1000' AGL
1.28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Before Landing Checklist
1.29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Traffic Pattern Entry
1.30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Post Flight Inspection, Squawks, Secure A/C & Controls

### 2.0 Flight Phase 2 - Pre-Solo Landing Practice

2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Landing South
2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Landing North
2.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Crosswind Landings
2.4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Effects of Wind on Traffic Pattern Planning
2.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Airspeed Control and Energy Management
2.6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Landing with slip
2.7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Landing from reverse pattern
2.8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Landing without the use of the altimeter
2.9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Simulated Off airport landing
2.10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Abbreviated Pattern
2.11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Emergencies and Simulated Rope Break
2.12					_____	Pre-Solo Test Reviewed (Date _____, Score _____ %)
2.13					_____	Student Pilot License Endorsed

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#	1	2	3	4	OK	Item
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## 2.14 Solo Endorsement for Glider

I certify that \_\_\_\_\_ has received the required pre-solo training in a \_\_\_\_\_ and passed the pre-solo written test required by 61.87(b). I have determined he/she has demonstrated the proficiency of 61.87(i) & is proficient to make solo aero tow flights in a \_\_\_\_\_

Signed: \_\_\_\_\_ Date \_\_\_\_\_

Expires \_\_\_\_\_

## 3.0 Flight Phase 3 - Post Solo Practice

3.1 \_\_\_\_\_ Check after approximately 5 Solo Flights

3.2 \_\_\_\_\_ Check after approximately 10 Solo Flights

3.3    \_\_\_\_\_ Dual Landing with crosswind of 10 knots or more

3.4 \_\_\_\_\_ Optional Check outs – Has Read the aircraft manual / POH

## 3.5 Solo Endorsement - Additional 90 Day Solo Endorsement (Optional)

I certify that \_\_\_\_\_ has received the required pre-solo training in a (*insert Make/Model*). I have determined he/she has demonstrated the proficiency of 61.87(n) and is proficient to make solo aero tow flights in a (*insert Make/Model*). \_\_\_\_\_

Expires \_\_\_\_\_

## 4.0 Flight Phase 4 – Post Solo Practical Test Preparation

4.1 \_\_\_\_\_ Flying with Pax, Briefing, Cockpit and Flight Safety

4.2     \_\_\_\_\_ Box the Wake, Around and Through the Prop Wash

4.3    \_\_\_\_\_ Downwind Landing, Approach speed  $\pm 5$  kts

4.4    \_\_\_\_\_ Description/Demo of Nonstandard Low Tow Position

4.5    \_\_\_\_\_ Turns to headings: 90°, 180°, 270°, 360°  $\pm 10^\circ$

4.6    \_\_\_\_\_ Steep Turns – A/S  $\pm 10$  kts, Bank 45°  $\pm 5^\circ$ , Heading  $\pm 10$  kts

4.7    \_\_\_\_\_ Spot Landing within 200' of Spot, App. speed +10, -5 kts

4.8 \_\_\_\_\_ Practice Oral Exam

4.9 \_\_\_\_\_ Practice Flight Test

4.10 \_\_\_\_\_ 3 Hours Dual in Gliders + 40 hours heavier-than-air

4.11 \_\_\_\_\_ 10 Solo Take Offs and Landings

4.12 \_\_\_\_\_ 3 Flights Dual Instruction w/in 60 Days of the Practical Test.

## 4.13 Endorsement to take the Practical Test

I certify that \_\_\_\_\_ has received the required training of 61.107 and 61.109. I have determined he/she is prepared take the Private Pilot – Glider practical test.

Signed: \_\_\_\_\_ Date \_\_\_\_\_

Expires \_\_\_\_\_

4.14 \_\_\_\_\_ FAA Form 8710 Completed and Signed / IACRA Database

## C.0 Soaring Techniques (As Weather Allows)

C.1     \_\_\_\_\_ Speed to Fly

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#	1	2	3	4	OK	Item
C.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Entering and Exiting Thermals, Flying Safely in Gaggles
C.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Centering Thermals
C.4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Cloud Streets & Sink Streets
C.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Land Out Field Selection
C.6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Ridge Check Out – Rules, Conditions, Hazards
C.7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	Wave Soaring – Wx Conditions, Hazards (May be done orally)

### D.0 Additional Endorsements

#### D.1 Solo Endorsement for *(insert Make/Model)* & Additional 90 Day Solo Endorsement

I certify that \_\_\_\_\_ has received the required pre-solo training in a *(insert Make/Model)*. I have determined he/she has demonstrated the proficiency of 61.87(n) & and is proficient to make solo aero tow flights in a *(insert Make/Model)*.

Signed: \_\_\_\_\_ Date \_\_\_\_\_

Expires \_\_\_\_\_

#### D.2 Additional Currency Check after another 90 Days of Solo

I certify that \_\_\_\_\_ has received the required flight training to qualify for solo flying. I have determined he/she meets the applicable requirements of 61.87(n) & and is proficient to make solo aero tow flights in (list makes and models) \_\_\_\_\_

Signed: \_\_\_\_\_ Date \_\_\_\_\_

Expires \_\_\_\_\_

#### D.3 Additional Currency Check after another 90 Days of Solo

I certify that \_\_\_\_\_ has received the required flight training to qualify for solo flying. I have determined he/she meets the applicable requirements of 61.87(n) & and is proficient to make solo aero tow flights in (list makes and models) \_\_\_\_\_

Signed: \_\_\_\_\_ Date \_\_\_\_\_

Expires \_\_\_\_\_

### E. FAI Badges (Not Required for FAA Test)

E.1 \_\_\_\_\_ A Badge (First Solo)

E.2 \_\_\_\_\_ B Badge (30 min. solo after release)

E.3 \_\_\_\_\_ C Badge (1 hour solo after release)

E.4 \_\_\_\_\_ Bronze Badge Written Test (Date \_\_\_\_\_, Score \_\_\_\_\_%)

\_\_\_\_\_ 2 Two hour flights #1 Date \_\_\_\_\_, #2 Date \_\_\_\_\_

\_\_\_\_\_ 3 Solo Spot Landings #1 Date \_\_\_\_\_, #2 Date \_\_\_\_\_, #3 Date \_\_\_\_\_

\_\_\_\_\_ Bronze Badge Paperwork Submitted

E.5 \_\_\_\_\_ Silver Altitude Gain Paperwork Submitted

E.6 \_\_\_\_\_ Silver 5 Hour Duration Paperwork Submitted