

Student Name : _____ Pilot Training Progress Record

0 - Training Orientation	Completed
0.1 Field Orientation	
0.2 Membership Manual - Location and Overview	
0.3 Ground Procedures Manual - Location and Overview	
0.4 Safety & Safety Reporting System – Location and Overview	
0.5 Knauff Glider Flight Training Manual – Initial Student Text	
0.6 FAA Glider Flying Handbook – Location and Overview	
0.7 SFF Wingrunners course – Mandatory, Completion cert.	
0.8 Russell Holtz - Optional	
0.8 Logbook and how to fill it in	
0.9 Get Student License	

To Solo

	Read	Discuss	Demo	Unaided 1	Unaided 2	Unaided 3	Solo Prof	Pvt Prof
1 - Orientation, Pre/Post-Flight								
1.0.a Basic aerodynamics AOA								
1.0.b Basic aerodynamics stability								
1.1 Primary Flight controls								
1.2 Secondary flight controls								
1.3 Flight instruments								
1.3.1 Aircraft, Pilot documents "AROW"								
1.3.2 Weight & Balance								
1.3.3 Glider performance & limitations								
1.4 Ground Handling								
1.5 Preflight Inspection (use checklist)								
1.6 Positive Control Check								
1.7 Tow rope Inspection								
2 - Takeoffs								
2.0.1 Wing Runner course completed								
2.1 Takeoff checklist								
2.2 Takeoff procedure & signals								
2.3 Takeoff								
2.4 Cross wind takeoff								
3 - Aerotow								
3.1 Intro to flying the tow								
3.2 Flying the tow								
3.3 Release from tow								
3.4 Low Tow - Shifting thru wake								
3.5 Steering turns								
3.6 Aerotow signals								
Speed up, slowdown, glider release								
Tow plane rudder waggles								
Tow plane wave off								
3.7 Boxing the wake								
3.8 Slack rope on tow-straight ahead								
3.9 Slack rope in a turn								
4 - Inflight Maneuvers								
4.1 Transfer of control								
4.2 Scanning for traffic								
4.3 Pitch/Speed control								
4.4 Using the trim control								
4.4.1 Straight flight								
4.4.2 Adverse yaw								
4.4.3 Using the yaw string								
4.5.1 Shallow turns 15°								
4.5.2 Medium turns 30°								
4.6 Precision Turns, turns to a heading								
4.7 Airbrakes in flight								
4.8.1 Steep Turns 45 °								
4.8.2 Very steep Turns 60 °								
4.9 Circling flight								
4.10 Crabbing								
4.11 Forward stall & recovery								
4.12 Turning stalls & recovery								
4.12.1 Cross control stalls								
4.13 Slow flight								
4.14 Stalls with airbrakes								

Read
Discuss
Demo
Unaided 1
Unaided 2
Unaided 3
Solo Prof
Pvt Prof

4 - Inflight Maneuvers (cont.)	Read	Discuss	Demo	Unaided 1	Unaided 2	Unaided 3	Solo Prof	Pvt Prof
4.15 Side slip on final-Alignment								
4.16 Side slip -Crosswind								
4.17 Forward slip								
4.18 Low G maneuvers								
5 - Landing Patterns								
5.1 Landing checklist								
5.2 Introduction to the pattern								
5.2.1 TLAR								
5.3 Glideslope control using airbrakes								
5.4 Radio use 5W's								
5.4.1 Speeds to fly in the pattern								
5.4.2 Wind shear & gradient								
5.5 Cross wind patterns								
5.6 Unusual patterns (L & R)								
5.7 Forward slip with airbrakes								
5.8 Turning slips								
5.9 Side Slip the Pattern								
6 - Landing								
6.1 Introduction to the landing								
6.2 Precision landings								
6.3 Crosswind landings								
7 - Flying in Thermals								
7.1 Direction of turn								
7.2 Sharing thermals								
7.3 Speed control & Centering								
8 - Emergency Procedures								
8.1 Premature Tow release PT ³								
8.2 Simulated rope breaks								
Just after initial liftoff								
Straight ahead below 200'								
180° turn above 200', 250', 300', ...								
Abbreviated pattern								
8.3 Wave off								
8.4 Power loss during takeoff								
8.5 Power loss at altitude								
8.6 Simulated release failure								
8.7 Spiral dive recovery								
9 - Integrated Topics (ADM &								
9.1.1 Ready for flight (PAVE)								
9.1.2 Pilot Ready for flight (IMSAFE)								

10 - Cockpit Checkout	Completed
10.1 L-23 Blanik	
10.2 ASK-21	
10.3 SZD50-2 Puchacz	
10.4 SGS2-33A	
10.5 SGS1-26E	
10.6 SGS1-34	
10.7 L-33 Solo	
10.8 ASW-19	

Student Name : _____ Pilot Training Progress Record

P/W Prof
 Solo Prof
 Unaided 3
 Unaided 2
 Unaided 1
 Demo
 Discuss
 Read

Post Solo To Private

	Read	Discuss	Demo	Unaided 1	Unaided 2	Solo Prof	P/W Prof
1 - Pre/Post flight							
1.8 Securing the glider							
1.9 Area familiarization							
1.9.1 Assembly/Disassembly							
1.9.2 Weather & Preflight planning							
2 - Takeoff							
2.5 Takeoff w/o wing runner							
2.6 Downwind takeoff							
2.7 High density altitude takeoff							
4 - Inflight Maneuvers							
4.19 Selecting cruise airspeed							
4.20 Deep stall recognition & recovery							
4.21 Incipient spins & recovery							
4.22 Spins Recognition & recovery							
4.23 Rapid speed changes							
4.24 High speed flight							
4.24.1 Sensory perception of speed							
4.24.2 Effect of speed on controls							
4.24.3 Speed to fly in turbulence							
4.24.4 Speed to fly in sink/lift							
4.24.5 Spiral dive Vs. spin & recovery							
4.25 Benign spiral							
5 - Landing Patterns							
5.10 No altimeter pattern							
5.11 No altimeter / ASI pattern							
5.12 No airbrake pattern							
5.13 Full airbrake pattern							
6 - Landings							
6.4 Landing over an obstacle							
6.5 Simulated off-field landing							
6.6 Downwind landing							
6.7 High wind landing							
6.8 High altitude landing							

Previous Exp.: _____
 Phone#: _____
 E-Mail: _____
 Age: _____ Weight: _____
 Started Training: _____
 Phase I Complete: _____
 Student Certificate: _____
 Pre-Solo Test: _____
 FTN: _____

Solo Statement

I certify that I have received training and am competent in all areas marked as "required before solo" on the reverse side of this card, and that I have no medical conditions that would prevent me from safely piloting a glider

Student Signature Date

First Solo: _____
 Written Sign-Off: _____
 Instructor: _____

Solo Flights:

1	2	3	4	5	6	7	8	9	10
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Practical Test Signoff: _____
 Certificate Issued: _____

"A" Badge

_____ Passed Pre-Solo Knowledge Test
 _____ Completed Pre-Solo Flight Training
 _____ Obtained a Student Pilot Certificate/Logbook
 _____ Completed Solo Flight

"A" Badge Completed/Awarded: _____

"B" Badge

_____ Solo Flight of at least 30 minutes from a 2000' AGL tow (add 1.5 minutes for each 100' above 2000' AGL)

"B" Badge Completed/Awarded: _____

"C" Badge

Has Knowledge of:

_____ Cross Country Procedures
 _____ Sailplane assembly, disassembly, and retrieving
 _____ Dangers of Cross Country Soaring

Solo Flight Experience:

_____ Solo Practice (2 hours minimum)
 _____ Solo flight of at least 60 minutes after a 2,000' AGL tow (Add 1.5 minutes for each 100' above 2000'AGL)
 _____ Performed a "spot" landing, touching down & stopping within an area no greater than 500' in length

While accompanied by an SSA Instructor:

_____ Performed a simulated off-field landing approach without reference to the altimeter
 _____ Dual soaring practice, including instruction in techniques for soaring thermals, ridges, and wave (simulated or ground instruction may be used if suitable conditions do not exist)

"C" Badge Completed/Awarded: _____

Bronze Badge

_____ Received A, B, and C badges.
 _____ At least 15 solo glider hours, including at least 30 solo flights with at least 10 in a single place glider.
 _____ At least 2 solo flights of at least 2 hours each.
 _____ At least 3 solo spot landings in a glider witnessed by an SSAI.
 _____ Logged dual time with a CFI-G during which 2 accuracy landings are made without reference to the altimeter.
 _____ Passed a closed book written exam with a score of at least 80%.

Bronze Badge Completed/Awarded: _____