

Evergreen Soaring Private Pilot Training Syllabus Student Pilot
 * PTS AoO = Practical Test Standard Area of Operation
 * Format courtesy Piet Barber, Skyline Soaring Club

Lesson	Phase	FAR Requirement	PTS AoO	Demo	Perform	Proficient
1	Before We Fly					
1a	Preflight Planning / Overview	61.87(i)(1)	I			
1b	Aeromedical Factors Discussion		I(E)			
1c	Use of Controls					
1d	Cockpit Familiarization					
1e	Positive Control Check	61.87(i)(1)	II(C)			
1f	Release Mechanisms	61.87(i)(1)	II(C)			
1g	Ground Handling	61.87(i)(2)	II(B)			
2	First Flights					
2a	Pre Takeoff Checklist	61.87(i)(1)	IV(A)			
2b	Attitude Flying / Scanning	61.87(i)(6)				
2c	Glider Daily Inspection	61.87(i)(1)	I, II(C)			
2d	Airport Procedures (Arlington, Ephrata, expeditions)	61.87(i)(5)	III(A,B,C)			
2e	Cockpit Management		II(D)			
2f	Aerotow Release	61.87(i)(11)	IV(F)			
2g	Visual Signals	61.87(i)(11)	II(E)			
2h	Normal Takeoff	61.87(i)(3)	IV(B)			
2i	Normal Aerotow	61.87(i)(12)	IV(C)			
2j	Straight Glide	61.87(i)(4), (15)	VII(A)			
2k	Shallow, Medium, Steep Turns	61.87(i)(4),(15)	VII(C)			
2l	Normal Landing	61.87(i)(16)	IV(Q)			
3	Core Flights					
3a	Hi-Low Tow Transition	61.87(i)(12)	IV(C)			
3b	Before-landing Checklist	61.87(i)(16)	IV(Q)(8)			
3c	Traffic Pattern	61.87(i)(16)	IV(Q)			
3d	Minimum Controllable Airspeed	61.87(i)(8)	V(A), IX(A)			
3e	Turns to Heading		VII(B)			
3f	Forward Stall, with and without airbrakes	61.87(i)(14)	IX(B)			
3g	Turning Stall, with and without airbrakes	61.87(i)(14)	IX(B)			
3h	Spirals, Descents	61.87(i)(15)				
4	Advanced Skills					
4a	Collision, Windshear & Wake Turbulence Avoidance	61.87(i)(6)	IV(G)			
4b	Radio Procedures		III(A)			
4c	Minimum Sink	61.87(i)(8)	V(A)			
4d	Slips: Forward, Side, Turning	61.87(i)(7)	IV(R)			
4e	Best L/D; Speed-to-fly	61.87(i)(8)	V(B)			
4f	Boxing the Wake	61.87(i)(12)	IV(E)			
4g	Crosswind Takeoff	61.87(i)(3)	IV(B)			
4h	Crosswind Landing	61.87(i)(16)	IV(Q)			
4i	Unassisted Takeoff					
4j	Covered Instrument Landings	61.87(i)(9)	X(A)			
4k	Precision Landings and Stops	61.87(i)(16)	X(A)			
4l	Slips to Landing/Spoilerless Landing	61.87(i)(17)	IV(R)			
4m	Spins					
5	Soaring Techniques					
5a	Thermal	61.87(i)(18)	VI(A)			
5b	Ridge		VI(B)			
5c	Wave		VI(C)			
6	Unusual Attitudes and Emergencies					
6a	Slack Line	61.87(i)(9),(19)	IV(D)			
6b	Aerotow Emergency Procedures	61.87(i)(9),(19)	IV(G)			
6c	Maneuvering Speed	61.87(i)(8)	V			
6d	Structural Cruising Speed	61.87(i)(8)	V			
6e	Never-exceed Speed	61.87(i)(8)	V			
6f	Rope Breaks	61.87(i)(9),(19)	IV(G)			
7	Finishing Touches					
7a	Downwind Landing	61.87(i)(16)	IV(S)			
7b	Taxiing and Clearing Runway	61.87(i)(2)	XI			
7c	Assisting Assembly	61.87(i)(13)	II(A)			
7d	Postflight Inspection		XI(A)			
7e	Assisting Disassembly	61.87(i)(13)	XI(A)			
7f	Pre-Solo Written Test	61.87(b)				
8	Solo and Badges					
8a	First Solo and the A Badge					
8b	The B Badge					
8c	The C Badge					
8d	The Bronze Badge					
9	Continuing Training					
9a	Spring Field Check					
9b	Flight Review					