

## SOSA 2013 Curriculum

Stage	Exercise	Description	Flights	Total
A	1	<b>Familiarization Flight</b> -Familiarization with surrounding area	1	1
A	2	<b>Aircraft Familiarization and Preparation for Flight</b> -controls, instruments, cockpit checks *	0	
A	3	<b>Ground Handling *</b> -Take-off signals/ glider hook-up/ wing-running	0	
A	4	<b>Daily inspection and walk around</b>	0	

Stage	Exercise	Description	Flights	Total
B	5	<b>Attitudes and Movements</b> -look-out * -effects of controls  - Cover ASI/Altimeter in stages B, C and D	1	6-11
B	6	<b>Aileron Drag, Straight Flight , Gentle Turns</b> -straight flying towards a point on the horizon - coordinated 90°, 180°, and 360° gentle turns	1-3	
B	7	<b>Further Effects of Controls</b> -stability, -attitude (speed control) and use of trim	1-3	
B	8	<b>Turns</b> - gentle and medium turns	2-3	

Stage	Exercise	Description	Flights	Total
C <sup>1</sup>	9	<b>Take-off</b> *	1-2	13-27
C <sup>1</sup>	Student progress evaluation at flight 12			
Pre-solo Exam is to be completed after approximately 15-20 flights				
C	10	<b>Aerotow</b> - Low and High tow *	1-2	
C	11	<b>Effects of airbrakes</b> on attitude (speed)	1-2	
C	12	<b>Approach and Landing</b> - under and overshooting	2-5	
C	13	<b>Circuit Planning</b> - High and Low Key Areas	2-5	

Stage	Exercise	Description	Flights	Total
D	14	<b>Reduced G, Slow flight</b> * and <b>Gentle Stalls</b> *	1-2	20-40
D	15	<b>Spin Recovery</b> *	1-3	
D	16	<b>Spiral Dive Recovery</b> *	1-2	
D	17	<b>Sideslips</b> *	2-3	
D	18	<b>Rope Breaks</b>	2-3	
D	19	<b>FIRST SOLO</b>	1-2	

<sup>1</sup> Pre-solo Exam is to be completed within Stage C after approximately 15-20 flights

All paperwork for student pilot permit should also be completed at this time.

Stage	Exercise	Description	Flights	Total
E <sup>2</sup>	20	<b>Boxing the Wake</b> *  <b>Emergency Procedures</b> *  <b>Thermalling</b>	ongoing	27-55
E <sup>3</sup>	Solo	Practice specific pre-solo exercises as determined by instructor/student	1-2	
E	21	<b>Illusions Created By Drift</b> (when conditions allow)  - review pre-solo exercises  - thermalling	1-2	
E	Solo	Thermalling and practice specific pre-solo exercises as determined by instr/student	1-2	
E	22	<b>Thermalling</b>	ongoing	
E	Solo	Practice boxing the wake, thermalling and specific pre-solo exercises as determined by instr/student	1-2	
E	23	<b>Slipping Turns and Slips on approach</b>	1-2	
E	Solo	review pre-solo exercises and thermalling	1-2	

<sup>2</sup> Single seat checkout for Junior in stage E – after a minimum 5 solo flights and a mandatory dual check flight in the Puchacz or DG-505.

<sup>3</sup>All solo flights must be pre-authorized and supervised by an instructor:

- *A maximum of 2 solo flights are allowed between dual flights until all post-solo exercises are signed to a level 5, then a maximum of 4 solo flights are allowed*
- *A maximum of 7 days may elapse between dual flights*
- *No Solo spiral dive practice*

Stage	Exercise	Description	Flights	Total
F	24	<b>Advanced Take-off and Landing</b>  - crosswind *  - downwind  - abbreviateed circuit  - short field * /spot landing	1-2	40-75
F	Solo	Practice advanced T/O and Landing	1-2	
F	25	<b>Steep Turns</b>	1-2	
F	Solo	Practice steep turns and thermalling	1-2	
F	26	<b>Advanced Stalls and Spins</b>  - recognition, entry and recovery	2-3	
F	Solo	Solo spins at the discretion of the instructor	1-2	
F	27	<b>Off-field Selection</b>	1-2	
F	Solo	Practice to flight test standards	1-4	
G <sup>4</sup>	28	<b>Pre-Flight Test</b>	2	
		<b>FLIGHT TEST</b>	2	

<sup>4</sup> Students must have a minimum of 6 hours flight time, including a minimum of 2 solo hours and minimum 20 solo flights, and have successfully completed exercise 28 to be eligible for the Flight Test,

\* **Indicates required test items for the Flight Test**