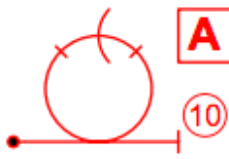
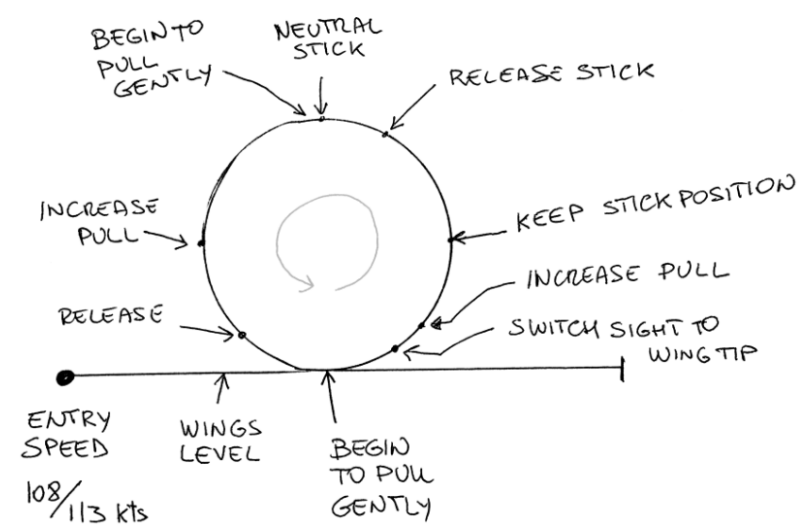


Lesson:	Stage:	Program:	Pilot:	Date:
LOOP	FIGURE TRAINING	BASIC AEROBATIC TRAINING		
Family & number	FAI Sporting Code, Section 6 Part 2 - Glider Aircraft V 2016-2, page 49			
7.4.1				
	K 10		Glider:	
	i.e.: 8 points judge evaluation will give you 80 points in the scores (8 x 10)		Blanik, PW6-U, ASK21, MDM FOX	
Ground instruction			Duration:	45 minutes
Theory and aerodynamics explanation, flight manual limitations, Glider model explanation, Condor simulator demonstration, entry speed (100kts solo 110kts dual), external references, how to execute an almost perfect circle loop and not an "e" loop, where to pull and how, where to release and how, hands positioning, rudder, needed G force, repeat movements for muscle memory, ground training mimic, checks: airspace, speed, wing levelled with horizon. Watch video and learn/understand key points remarks for in flight reference.				
				
Flight 1	5000ft			
Familiarisation. Loop demonstration to feel G force, student passive on controls. Loop demonstration with vocal remarks of key points and stick force action. Student passive on controls to follow the movements and keep sight on external reference. Student try free with no vocal correction by instructor. Second demonstration with remarks on main key points. Student try with Instructor semi active on controls to guide stick pressures. Student try, Instructor call key points. Flight evolves based on student response.				
Flight 2	5000ft			
Consolidation. Student performs at least 3 loops. Eventual corrections starting from biggest key point to correct. Eventual demonstration. Student performs with corrections. Switch to other figure.				
Flight 3	5000ft			
Calibration. After other figure training student performs 1 loop. Remark of eventual corrections starting from biggest key point to correct. Student performs additional loop with corrections. Switch to other figure.				

	Debriefing			
	Positive remarks on figures, key points to perform better and how, student opinions on improvements and/or achievements.			
	Warnings & Disclaimer			
	Like any other lesson of the course, every flight MUST be done with an experienced Aerobatic Pilot CFIG on the machine in use.			
	Completion standards			
	Once the Loop is performed smoothly (no jerky movements or too hard loading factors) and the pilot reached the necessary confidence to have everything under control (airspace, speed, G loads, orientation). Entry speed the same as exit speed, sight on the right places during the execution of the loop. Developed necessary sensitivity to G force.			
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