WINGS FLIGHT TEST CHECK LIST

Basic Fixed Wing powered

(BP) (LP)

		PASS	FAIL
1.Pre start checks	Understanding of Frequency control measures		
	Can describe the functions of a flight line observer		
	Check of control surface integrity - Hinges / pushrods etc..		
	Check of control surface direction when operating Transmitter		
	Check of correct model on Transmitter		
	Student able to talk about the importance of Centre of Gravity		
	Student able to discuss disorientation and correction		
	Student able to talk about flying etiquette		
	Range check undertaken		
	Battery charged check and student able to describe battery care / cycling / testing		
	Describe the isolation/starting precautions if an electric model (battery disconnect , throttle back, battery safety)		
2. Starting	Model restrained		
	Priming of engine / enabling of battery(electric model)		
	Application of Glow source		
	Awareness of propeller arc whilst running (observe the level of caution)		
3. Take off	Student able to describe the procedure for "Flame out" on take off		
	Model maintains straight path down runway and gains plenty of speed before takeoff		
	Model gained plenty of speed for takeoff		
	Climb out not be too steep. Straight directional heading maintained.		
	Constant rate of climb maintained and then gentle turn into circuit		
4. Level flight	Model must pass up centre of runway maintaining constant heading		
	Constant speed and height maintained		
5. Figure 8	Model approaches straight and level		
	Cross over point is in front of TX		
	Turns are of approx equal radius		
	Maneuver does not move down wind		
	Exit is at same height and opposite heading as entry		
6 .Stall	Angle of attack is increased until model stalls		
	Nose is dropped and speed increased before returning to level flight		
	Any loss of heading is corrected		
7. Left Hand Circuit and Landing approach with overshoot	Minimum 2 circuits Model straight and level		
	Model approaches straight and level		
	All turns are 90 degree		
	All sides are straight		
	Descent doesn't start before down wind leg		
	Model maintains constant rate of descent and constant heading		
	Model is lined up on strip at exit of final circuit turn		
	At approx 3m above ground power is applied and climb commenced		
	Heading remains constant through out decent power change and climb out		
	Climb out is at constant rate of climb		

		PASS	FAIL
8. Procedure Turn	Model approaches straight and level		
	Turns are of approx equal radius		
	Maneuver does not move down wind		
	Exit is at same height and heading as entry		
9. Right Hand Circuit and Landing	Minimum 2 circuits Model straight and level		
	All turns are 90 degrees		
	All sides are straight		
	Descent doesn't start before downwind leg		
	Model exits final turn lined up with runway		
	Rate of descent and heading remain constant		
	Model is gently flared and touches down with a minimum of bounce.		
	Model maintains heading while rolling to a stop.		
10. Landing Power on into wind	Procedure turn if necessary to ensure landing approach into wind		
	Rate of descent and heading remain constant		
	Model is gently flared and touches down with a minimum of bounce.		
	Model maintains heading while rolling to a stop.		
11. Take off Within 15min of landing	Model maintains straight path down runway and gains plenty of speed before takeoff		
	Model gained plenty of speed for takeoff		
	Climb out not be too steep. Straight directional heading maintained.		
	Constant rate of climb maintained and then gentle turn into circuit		
12. Left Hand Circuit and dead stick Landing	Throttle pulled back to idle		
	Model turned into wind		
	Rate of descent and heading remain constant		
	Model is gently flared and touches down with a minimum of bounce.		
	Model maintains heading while rolling to a stop.		

Note : Large fixed wing powered(LP) proficiency is similar to Basic Fixed Wing Power (BP) with the additional criteria below:

1. The student is able to discuss: the contents in general terms of the Large Model SIG Code of Practice including suchaspects as control linkages , weight categories , certification requirements ,dual control systems , scrutineering requirements ,engine disabling

2.Demonstrate the (BP) flight test routine on a model with a wingspan of at least 2 metres.