

Date	TRAINING REQUIREMENT - GROUND TRAINING	Passed
	What makes plane fly, wing lift, effect of air currents, wind, crosswind, downwind	
	Identification and function of plane elements, basic aerodynamics, the third dimension (3-Axis),	
	Function of radio system; receiver, transmitter, servos, batteries, antenna, switch, safety, channels	
	Operation of control sticks, push rods, control horns, clevises, adjustments, trim	
	Function of engine as related to thrust & flight, propeller is also airfoil	
	FIELD TRAINING	
	Safety; Have 1st Aid Kit, Directions to hospital, Unsafe to fly alone, Visual contact (hat, sunglasses)	
	Radio procedures; Frequencies, channel frequency pin system, Trainer Cord. Radio OFF	
	Understanding flying field operations (pattern, dead stick, callout intention)	
	Field Equipment; flight box, fueling, starter, 12V battery, pumps, glow ignitors, trickle chargers, tach	
	Engine starting and adjusting; Hold properly, Priming, glow ignitor, Nose High Engine Run-up	
	Ground directional control, Taxiing; (w / o wing), race track pattern, figure 8, crosswind compensation	
	Shutting down; Plane off, Radio OFF, freq. pin returned, drain fuel, clean airplane, clean flying site	
	FLIGHT TRAINING	
	Pre-flight ABC's (see below), structural check & assembly (especially after hard landings),	
	Flight directional control; Right & Left turns, maintain altitude, fly pattern, and figure eights	
	Change altitude (flying straight) & maintain pattern, throttle from full to half & maintain altitude	
	Reverse pattern, climbing & descending turns, fly-by simulation of landing pattern at altitude	
	Demonstrate ability to maintain direction during T /0, climb, and into pattern; Unassisted take-off	
	Recovery from simulated out of control situations at altitude	
	Landing; Practice low level simulation, landing, touch & go's	
	Practice taking off, flying, & landing alone, but with instructor present	
	CAPABLE OF FLYING SOLO Safely, without an instructor present	
	(ABC's) PRE-FLIGHT CHECKLIST	
A	Antenna - Frequency Pin (clear your frequency before anything)	
	Antenna - extended before flight (transmitter & aircraft)	
B	Batteries - confirm charge in receiver battery pack and transmitter battery pack	
	Balance - especially important on test flight of aircraft	
C	Check Range - stand off about 30 feet with antenna collapsed and check that radio still has control	
	Clock - reset clock, timer, or stopwatch prior to starting engine	
D	Direction of servos - check the direction and operation of the servos	
	Direction of wind- check the direction & strength, plan take-off, pattern, & landing direction	
E	Engine - make sure no debris, grass, paper towels, or spectators will be in line or in the arc of the prop	
	Engine - check & set needle valve, have Ni-starter available, assistant available to hold airplane	
F	Fuel- fill glow, gas, and/or smoke tank, prime engine	
	Flaps - make sure they are set at proper position for take-off (if applicable)	
G	Gear - check gear & fill retractable landing gear pressure system (If applicable)	
	"Gentlemen start your engines" or Go!!	