	Tail Number: _____ Hobbs Reading:		
	Tach Reading:		
	Confirm all paperwork is complete, and a Builder's Log or similar type record of construction is available for review.		
	Registration: AC Form 8050-3.		
	Application for Airworthiness Certificate, 8130-6. Signed.		
	Eligibility Statement Amateur-Built Aircraft, 8130-12. (Notarized)		
	Aircraft Weight and Balance Information.		
	Check Logbook entry:		
	"I certify that this aircraft has been inspected on [insert date] in accordance with the scope and detail of appendix D to part 43, and was found to be in a condition for safe operation."		
	Airframe logbook S/N, N number, Make match		
	Engine Logbook S/N, Match, Model match		
	Propeller Logbook S/N, Match, Model match		
PHOTO	2" EXPERIMENTAL placard		
PHOTO	Experimental Passenger warning		
PHOTO	Data Plate		
PHOTO	N number 3"		
PHOTO	Airplane		
Left	Put flaps down before starting Left Wing.		
Wing:	Left wing exterior		
	fuel cap for security		
	Fuel type / quanity		
	Left Wing tip		
	Left wing aileron bellcrank & attachments		
	Left wing interior		
	Left aileron balance weight		
	Left aileron push-pull tube attachment		
	Left aileron inboard attachment		
	Left aileron outboard attachment		
	Left Flap		
	Left Flap to Wing attachment		
	Left Flap to actuator		
	Left wing rear spar to fuselage attach hardware.		
	Left wing fuel tank spar to fuselage attach hardware.		
	Left wing fuselage to wing electrical plug		
	Left wing to fuselage fuel line		
	Left wing to fuselage vent line		
	Left wing to fuselage pitot / static lines		

Right	Put Flaps down before starting Right Wing.		
Wing:	Right wing exterior		
	fuel cap for security		
	Fuel type / quanity		
	Right Wing tip		
	Right wing aileron bellcrank & attachments		
	Right wing interior		
	Right aileron balance weight		
	Right aileron push-pull tube attachment		
	Right aileron inboard attachment		
	Right aileron outboard attachment		
	Right Flap		
	Right Flap to Wing attachment		
	Right Flap to actuator		
	Right wing rear spar to fuselage attach hardware.		
	Right wing fuel tank spar to fuselage attach hardware.		
	Right wing fuselage to wing electrical plug		
	Right wing to fuselage fuel line		
	Right wing to fuselage vent line		
	Right wing to fuselage pitot / static lines		
Fuselage:	Control sticks and mechanism		
	Left aileron push pull tube		
	Right aileron push pull tube		
	aileron trim system		
	elevator trim system		
	elevator control push - pull tube		
	fuel valve for operation / security		
	fuel placard		
	fuel lines		
	fuel lines for chafing / leaks / security / condition		
	fuel tank vent lines		
	primer lines		
	brake lines		
	flap mechanism		
	corrosion in tailcone area		
	inspect bulkheads and stringers for popped rivets and cracked skin		
	inspect security of internal lines		
	inspect security of internal wires / cables		
	inspect canopy for cracks and fit		
	inspect canopy latching mechanism		
	inspect firewall for distortion and cracks		
	inspect rudder pedals and brake operation		
	inspect behind panel for loose wires and chafing lines		
	Check flap control operation		
	check rudder cables		

	inspect cockpit instruments for markings		
Fuselage	Compass		
(continued)	Compass Card		
	Experimental Passenger warning		
	inspect instrument lines		
	Altimeter / Encoder / Transponder (91.411 and 91.413 (a) or (b))		
	inspect cockpit fresh air and heater		
	inspect seats, safety belts		
	ELT		
Cockpit	Interior Lights Illuminate		
Cockpit	Nav Lights Illuminate		
Cockpit	Strobe lights Illuminate		
Cockpit	Landing Lights Illuminate		
Cockpit	Check flap control operation		
Cockpit	Boost pump / pressure test gascolator		
Cockpit	Cycle engine controls		
Cockpit	Flight control operation		
Cockpit	Elevator Trim		
Cockpit	Aileron Trim		
Main Landing Gear:			
	inspect for nose gear attachment at engine mount		
	inspect engine mount to fuselage		
	check nose gear attachment		
	check nose wheel assembly		
	check nose tire for serviceability		
	inspect for 5606 leaks		
	check left tire for serviceability		
	check left brake lining		
	check left disk for cracks, wear, deformity		
	check right tire for serviceability		
	check right brake lining		
	check right disk for cracks, wear, deformity		
Empennage:			
	inspect horizontal attachment		
	inspect vertical attachment		
	inspect left elevator attachment		
	inspect left elevator balance weight		
	inspect left elevator		
	inspect left elevator trim tab		
	inspect right elevator attachment		
	inspect right elevator balance weight		
	inspect right elevator		
	inspect elevator push - pull tube rod ends		
	inspect tail spring to fuselage		
	inspect rudder cables		
	inspect control stops		

	inspect tailwheel to tail spring		
	inspect tail wheel chains / springs		
	inspect tailwheel		
Engine:			
	inspect cowl		
	inspect cowl fasteners		
	inspect engine mount		
	inspect firewall		
	inspect baffles		
	inspect exhaust system & hanger		
	Check DATA plate		
	inspect carb / fuel injection system		
	inspect induction system and air filter		
	fuel lines for chafing / leaks / security / condition		
	inspect engine control cables		
	inspect engine systems		
	inspect alternator belt tension		
	perform compression check (Pull prop through for each cyl)		
	inspect ignition harness		
	safety gascolator		
Propeller:	HARTZELL PROPELLER 100 HOUR INSPECTION		
	Remove Spinner.		
	Inspect blades for nicks and cracks. Remove all nicks, gouges, etc.		
	Inspect hub parts for cracks and wear.		
	Check all visible parts for wear and safety.		
CAUTION:	Check for oil and grease leaks.		
	REMOVE THE LUBRICATION FITTINGS ON ONE HALF OF THE HUB UNIT BEFORE ADDING GREASE THROUGH THE LUBRICATION FITTINGS ON THE OTHER HALF OF THE HUB.		