



**APPENDIX L - POST RACE TECHNICAL INSPECTION LIST**

<b>Purdue Grand Prix Post Race Inspection</b>			
<b>Date:</b> _____		<b>Kart #:</b> _____	
<b>Position:</b> _____	<b>Team:</b> _____	<b>Inspector:</b> _____	
			<b>Initials</b>
<b>Total Weight</b>	(Kart, Driver, and Gear) ≥ 360 pounds		
<b>Rear Axle Width</b>	≤ 5 1/8 inches		
<b>Fuel Capacity ≤ 7 quarts</b>	Cyclohexane		
<b>Silencer</b>	Induction silencer (CIK two-hole design, no additional holes except for tether)		
	Baffle tube length ≥ 3.732 inches		
	Baffle tube diameter ≤ 0.905 inches		
<b>Exhaust Pipe</b>	Diameter ≤ 1.750 inches		
	Silencing can diameter ≥ 3.5 inches		
	Exhaust gas outlet ≤ 0.7854 square inches (must be in rear half of can)		
<b>Walbro WB3A Carburetor</b>	Only stock Walbro #WB3A carburetors are allowed		
<b>Yamaha KT100 Two-Cycle Engine</b>	Combustion chamber volume ≥ 11 cubic centimeter		
	Cylinder bore ≤ 2.090 inches		
	Cylinder stroke ≤ 1.816 inches		
	Inlet tract length = 2.600 ~ 2.800 inches		
	Intake port height ≤ 0.775 inches		
	Exhaust port height ≥ 1.155 inches		
	Ignition module must be stock, unaltered Yamaha, PRD, or Atom		
	Piston must be Yamaha, Burris, Wiseco, Vinart, or KSI RKE-787 (domed)		
No coating above ring, single ring except Burris double ring			
Engine complies with 2017 AKRA engine specifications			
	<b>Name</b>	<b>Signature</b>	<b>Date</b>
Lead Technical Inspector:			
Crew Chief:			
Driver:			
Race Director:			
Race Director:			
<b>Additional measurements may be required to determine the stock characteristics of any engine, at the discretion of the Race Director(s) and Lead Technical Inspector.</b>			