



APPENDIX L - POST RACE TECHNICAL INSPECTION LIST

Purdue Grand Prix Post Race Inspection			
Date: _____			Kart #: _____
Position: _____	Team: _____	Inspector: _____	
			Initials
Total Weight	(Kart, Driver, and Gear) ≥ 360 pounds		
Rear Axle Width	≤ 5 1/8 inches		
Fuel Capacity ≤ 7 quarts	Cyclohexane		
Silencer	Induction silencer (CIK two-hole design, no additional holes except for tether)		
	Baffle tube length ≥ 3.732 inches		
	Baffle tube diameter ≤ 0.905 inches		
Exhaust Pipe	Diameter ≤ 1.750 inches		
	Silencing can diameter ≥ 3.5 inches		
	Exhaust gas outlet ≤ 0.7854 square inches (must be in rear half of can)		
Walbro WB3A Carburetor	Only stock Walbro #WB3A carburetors are allowed		
Yamaha KT100 Two-Cycle Engine	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			
	Name	Signature	Date
Lead Technical Inspector:			
Crew Chief:			
Driver:			
Race Director:			
Race Director:			
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.			