

**OFFICIAL INSPECTION SHEET**

TEAM (School): \_\_\_\_\_

Ending Time \_\_\_\_\_

Beginning Time \_\_\_\_\_

DRIVER (Name): \_\_\_\_\_

DRIVER (Name): \_\_\_\_\_

DRIVER (Name): \_\_\_\_\_

DRIVER (Name): \_\_\_\_\_

	INSPECTION ITEMS	Inspection		Reinspection		COMMENTS
		Passed	Failed	Passed	Failed	
1	<b>Longitudinal Stability:</b> (15 Degree ramp test) (Driver must maintain driving position steering wheel turned lock to lock. Three wheels touching the ground at all times.					
2	<b>Brakes &amp; Stopping:</b> Brakes keep the vehicle from rolling on the 15 Degree incline ramp.					
3	<b>Helmet &amp; Required Eye Protection.:</b> Motorcycle type DOT or SNELL certified.					
4	<b>Egress:</b> Driver can exit the vehicle in less than 15 seconds. Without the assistance of crew members.					
5	<b>Turning Ability:</b> Car can turn in a radius under 35 feet.					
6	<b>Driver Visibility:</b> Driver can clearly see 180 degree range from forward position.					
7	<b>Mirror Check:</b> Driver can identify geometric shapes behind them using the mirrors. (Engine running at idle)					
8	<b>Kill Switches:</b> Minimum of 2 working kill switches (Toggle type) 1 switch in driver cockpit, 1 switch outside of car clearly marked with 2" label.					
9	<b>Idle Test:</b> Car engine can idle without stalling or moving the car.					
10	<del><b>Fire extinguisher: Proper size and type (gauge reads full), placed in an operational position for the driver. Not required for the 2019 challenge.</b></del>					

11	<b>Welds:</b> Welds are sound. (good quality, penetration)						
12	<b>Wheels:</b> Wheels mounted securely.						
13	<b>Steering System:</b> Steering system is secure. Steering wheel used, no tiller, etc. as per <i>Section I Part B</i> in the rules.						
14	<b>Roll Cage &amp; Head Clearance:</b> Substantial roll cage. 2" above all drivers' helmets. (All drivers must test)						
15	<b>Fire Wall:</b> Fire wall seals the engine compartment from driver. Made of fire proof material.						
16	<b>Enclosure:</b> Floor and side of driver compartment totally enclosed. Sides must be high enough to protect the driver's elbows.						
17	<b>Exhaust System:</b> Exhaust system properly vented.						
18	<b>Seat Belt:</b> Seat belt installed and functional.						
19	<b>Fuel/Lubercation Leaks:</b> No Fuel or lubrication leaks. All fuel fittings are clamped.						
20	<b>Fuel Line Length:</b> No more than 24" of clear fuel line.						
21	<b>Officail Fuel Tank Check:</b> Car has official fuel tank.						
22	<b>Fuel Tank Support:</b> Car equipped to safely support official fuel tank.						
23	<b>Shielded Power Train:</b> Moving power train components guarded from accidental contact.						

24	<b>Battery Mounted Safely:</b> Batteries mounted and strapped safely. (for use with optional on-board equipment)					
25	<b>Ballast Container:</b> Car equipped to safely hold ballast if needed. <i>See section I part B of the rules.</i>					

CAR PASSED AND IS RELEASED TO PARTICIPATE: \_\_\_\_\_(INITIAL)

NUMBER ASSIGNED TO TEAM: \_\_\_\_\_