

SAE CSC2008 SNOWMOBILE DESCRIPTION FORM

Please fill out the following form and return it to the registration desk. *Answer all questions about your snowmobile as it is actually competing (not as it was intended to compete).*

Team Name: **Kettering University- Bulldogs**

Team Number: **2**

Chassis-Year and Model: **2007 Yamaha Phazer**

Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric): **4 Stroke** Number of cylinders: **2**

Engine Displacement (cc or electric motor size): **499CC**

Engine Manufacturer : **Yamaha**

Engine Modifications (if any): **Timing Wheel**

Compression Ratio: **12.4:1**

Turbocharged? or Supercharged? Yes or No : **NO**

Engine Management System: **Big Stuff 3 (fuel)/ Yamaha (spark)**

Fuel Delivery -Carburetors, EFI, DI, SDI -: **EFI**

Fuel Pump Pressure: **95** psi Fuel Type: E10,E85, B10 Battery Technolgy: **E85**

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?): **Stoichometric**

Catalyst? Type? : **Unicore Catalyst**

Secondary Air Injection? - Yes or No : **NO**

Exhaust Gas Recirculation? – Yes or No : **NO**

Other : **N/A**

Noise Control

Muffler Design : **Stock muffler w/additional muffler**

Noise Treatment: **Side skirts sound deadening panels in hood, coated tunnel interior.**

Cooling

Describe Strategy : **Yamaha stock system**

Other Unique Features of Your Snowmobile

Describe Strategy: