

SAE CSC 2012 IC 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 NIU Team Number: 13

Chassis-Year 2007 Model 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) 500 cc

Engine Manufacturer Yamaha

Engine Modifications (if any) _____

Compression Ratio _____

Turbocharged? or Supercharged? Yes or No - If Yes circle one

Engine Management System ECU Megasquirt MS3 Extra

Fuel Delivery -Carburetors, EFI, DI, SDI - (circle one)

Fuel Pump Pressure 40 psi Fuel Type (circle one) Flex Fuel, Biodiesel, Battery technology _____

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?) _____

Catalyst? Type? _____

Secondary Air Injection? - Yes or No (circle one)

Exhaust Gas Recirculation? - Yes or No (circle one)

Other _____

Noise Control

Muffler Design MULTI BAFEL HOME BUILT

Noise Treatment _____

Cooling

Describe Strategy Water pump to thermostat, to radiator, ^{header tank} to heat exchanger, return to water pump.

Other Unique Features of Your Snowmobile

Describe Strategy _____

Track Manufacturer Cameplast Length 121 Pitch ? 114

Traction Studs No? X Yes? Type _____