

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 University of Alaska Fairbanks Team Number: 008

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) 499cc

Engine Manufacturer Yamaha

Engine Modifications (if any) -

Compression Ratio Stock, Boondocker, Power Commander

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

Engine Management System ECU Stock, boondocker, power commander

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

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

Emission Control

Air/Fuel Ratio Chosen (lean, **stoichiometric?**)

Catalyst? Type? Yes

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

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

Other

Noise Control

Muffler Design Stock

Noise Treatment turbo/cat/muffler, reduce radding

Cooling

Describe Strategy liquid cooled, separate oil for turbo

Other Unique Features of Your Snowmobile

Describe Strategy

Track Manufacturer Camoplast Length 121 in. Pitch

Traction Studs **No?** Yes? Type