

SAE CSC2009 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 Idaho Team Number: 2

Chassis-Year 2008 Model MX-Z Ski-Doo

Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric) 2 stroke Number Of cylinders 2

Engine Displacement (cc or electric motor size) 593 cc

Engine Manufacturer Rotax

Engine Modifications (if any) Stack

Compression Ratio 6.5:1 Trapped

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

Engine Management System ECU) Walbro

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

Fuel Pump Pressure 58 psi Fuel Type (circle one) Flex Fuel, Biodiesel, Battery technology

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?) $\lambda = 0.75$ to 1.3

Catalyst? Type? Aristo

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

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

Other _____

Noise Control

Muffler Design Stack

Noise Treatment Sound deadening Foam

Cooling

Describe Strategy Stack Water Cooler

Other Unique Features of Your Snowmobile

Describe Strategy _____

Track Manufacturer Camoplast Length 120 Pitch 286

Studs Pre studded Ice ripper