

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: University of Wisconsin Platteville Team Number: 9

Chassis-Year and Model 2008 Ski-doo MXZX Rev-xp

Engine

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

Engine Displacement (cc or electric motor size): 594.4

Engine Manufacturer: ROTAX

Engine Modifications (if any): aftermarket head, domes and pistons

Compression Ratio: 14.1 :1

Turbocharged? or Supercharged? Yes or No : NO

Engine Management System: Boondocker

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

Fuel Pump Pressure_58_psi Fuel Type E10, E85, B10, Battery technology: E85

Emission Control

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

Catalyst? Type? Yes, 3 way

Secondary Air Injection? - Yes or No : NO

Exhaust Gas Recirculation? – Yes or No: NO

Other: Semi-direct injection

Noise Control

Muffler Design: Stock

Noise Treatment: Catalyst and Piping

Cooling

Describe Strategy: Using Cycle Logic's Engine Ice which flows better for better Cooling and is also biogradeable and non-toxic.

Other Unique Features of Your Snowmobile

Describe Strategy: Radial ribbed textured head domes. Slydog idler wheels for air-snow flow into track by way of fan blade design.