

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: Clarkson Winter Knights Team Number: 13

Chassis-Year and Model 2006 Polaris FST Classic

Engine

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

Engine Displacement (cc or electric motor size): 750 CC

Engine Manufacturer: Weber

Engine Modifications (if any):

Compression Ratio: 9.0:1

Turbocharged? or Supercharged? Yes or No : Yes

Engine Management System: Bosch Motronic Stock

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

Fuel Pump Pressure_ 52-72.8 _psi Fuel Type E10, E85, B10, Battery technology: E85

Emission Control

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

Catalyst? Type? Single-stage catalytic converter

Secondary Air Injection? - Yes or No : NO

Exhaust Gas Recirculation? – Yes or No: NO

Other: N/A

Noise Control

Muffler Design: N/A

Noise Treatment: N/A

Cooling

Describe Strategy: Use of stock coolant system.

Other Unique Features of Your Snowmobile

Describe Strategy: Studded track to improve traction. Adjustable Fuel Pressure Regulator to accommodate for ethanol.