

SAE CSC2010 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 MTU Team Number: 2

Chassis-Year and Model 2008 POLARIS FS

Engine

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

Engine Displacement (cc or electric motor size) 750cc

Engine Manufacturer WEBER

Engine Modifications (if any) 180° Rotated head, hi-compression pistons, custom ground cam

Compression Ratio 11.5 : 1

Turbocharged? or Supercharged? Yes or No (circle one) If Yes circle one

Engine Management System AEM

Fuel Delivery -Carburetors, EFL, DI, SDI – (circle one)

Fuel Pump Pressure 42.5 psi Fuel Type (circle one) E10, E85, B10, Battery technology _____

Emission Control

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

Catalyst? Type? V-converter 3-way with backpressure

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

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

Other _____

Noise Control

Muffler Design 3 chamber expansion

Noise Treatment Soundown foam

Cooling

Describe Strategy coolers under tunnel (struck) to allow snow to hit & cool

Other Unique Features of Your Snowmobile

Describe Strategy Ski-doo Rear skid, CSC designed: intake, exhaust Front A-arms