

## 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 Idaho** Team Number: **1**

Chassis-Year and Model: **2006 Ski-doo MX7**

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): **Direct Injection**

Compression Ratio: **6.5/1 Trapped**

Turbocharged? or Supercharged? Yes or No : **NO**

Engine Management System: **Modified Motec**

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

Fuel Pump Pressure: **35** psi Fuel Type: E10,E85, B10 Battery Technolgy: **E85**

### *Emission Control*

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

Catalyst? Type? : **Aristo**

Secondary Air Injection? - Yes or No : **NO**

Exhaust Gas Recirculation? – Yes or No : **NO**

Other :

### *Noise Control*

Muffler Design : **Stock Modified for Catalyst**

Noise Treatment: **Modified body panels and sound insulation**

### *Cooling*

Describe Strategy : **Stock**

### *Other Unique Features of Your Snowmobile*

Describe Strategy: **2>4 & NA=1**