

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 So. Dak. School of Mines + Tech Team Number: 24

Chassis-Year '06 Model Polaris Experimental IQ 2-Up Touring

Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric) Electric Number Of cylinders 0

Engine Displacement (cc or electric motor size) 72 V

Engine Manufacturer ~~XXXXXXXXXXXX~~ Warp Impulse 9

Engine Modifications (if any) No

Compression Ratio No

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

Engine Management System ECU Alltrax

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

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

Emission Control

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

Catalyst? Type? _____

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

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

Other _____

Noise Control

Muffler Design _____

Noise Treatment Stock Noise Damping Foam

Cooling

Describe Strategy No, Electric, little air flow

Other Unique Features of Your Snowmobile

Describe Strategy Manual CVT, linear actuators are used to engage or disengage cvt

Track Manufacturer Stock Length _____ Pitch _____

Studs No