

SAE CSC2004 SNOWMOBILE DESCRIPTION FORM

Please fill out the following form and return it to Lori Witting before you leave the registration area. *Answer all questions about your snowmobile as it is actually competing (not as it was intended to compete).* Please answer all questions accurately, as the responses you supply will be used to summarize your entry in the SAE CSC2004 Summary Technical Paper.

Team Name and Number: University Wisconsin – Platteville #8

Engine

Engine Cycle (2-stroke, 4-stroke, rotary) 2 - stroke

Engine Displacement (cc) 600 cc

Engine Manufacturer Polaris

Engine Modifications Porting

Compression Ratio stock

Turbocharged? Supercharged? N/A

Engine Management System stock

Fuel Delivery (Carburetors, EFI, DI): Carburetors

Emission Control

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

Catalyst? Type? Three way - two stage catalyst

Secondary Air Injection? Yes

Exhaust Gas Recirculation? N/A

Other _____

Noise Control

Describe Strategy Automotive exhaust muffler, noise absorbing/damping materials, Artic Cat “Bump Track”

Performance Maintenance

Describe Strategy Ported Engine to increase horsepower. RMI Direct Drive

Other Unique Features of Your Snowmobile

Describe Strategy Trinity mountain design ski brakes

Special Measurements Needed for Acceleration Event

Inside Ski Stance 36½ inches **Outside Ski Stance** 47½ inches **Front Bumper Height** _____ inches