

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: ETS #17

Engine

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

Engine Displacement (cc) 600 cc

Engine Manufacturer Bombardier

Engine Modifications None

Compression Ratio 12.25

Turbocharged? Supercharged? None

Engine Management System Haltech E65

Fuel Delivery (Carburetors, EFI, DI): EFI

Emission Control

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

Catalyst? Type? None

Secondary Air Injection? None

Exhaust Gas Recirculation? None

Other _____

Noise Control

Describe Strategy Additional expansion chamber, insulated motor compartment.

Performance Maintenance

Describe Strategy Improved control by engine management system, right amount of restriction on the exhaust.

Other Unique Features of Your Snowmobile

Describe Strategy _____

Special Measurements Needed for Acceleration Event

Inside Ski Stance 37 inches **Outside Ski Stance** 48 inches **Front Bumper Height** 16.5 inches