

# 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 of Maine # 18

## Engine

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

**Engine Displacement (cc):** 660 cc

**Engine Manufacturer:** Artic cat

**Engine Modifications:** catalyst

**Compression Ratio:** \_\_\_\_\_

**Turbocharged? Supercharged?** No

**Engine Management System:** stock

**Fuel Delivery (Carburetors, EFI, DI):** EFI

## Emission Control

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

**Catalyst? Type?** 3-way

**Secondary Air Injection?** No

**Exhaust Gas Recirculation?** No

**Other** None

## Noise Control

**Describe Strategy:** Model – Track back to source – from far field – spectral data

## Performance Maintenance

**Describe Strategy:** Durability, clean

## Other Unique Features of Your Snowmobile

**Describe Strategy:** minimal weight & drag

## Special Measurements Needed for Acceleration Event

**Inside Ski Stance:** 37½ nches    **Outside Ski Stance:** 48 inches    **Front Bumper Height:** 18½ inches