

## SAE CSC2005 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).* Please answer all questions accurately, as the responses you supply will be used to summarize your entry in the SAE CSC2005 Summary Technical Paper.

**Team Name** Ecole de Technologie Ssuperieure **Team Number:** 10

### Engine

**Engine Cycle (2-stroke, 4-stroke, rotary, or electric)** 2-stroke

**Engine Displacement (cc or electric motor size)** 600 cc

**Engine Manufacturer** Rotax

**Engine Modifications** new engine head

**Compression Ratio** 10:1

**Turbocharged? Supercharged?** no

**Engine Management System** Haltech

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

**Fuel Pump Pressure** 90 – 100 psi

### Emission Control

**Air/Fuel Ratio Chosen (lean, stoich?)** 14.7:1

**Catalyst? Type?** none

**Secondary Air Injection?** no

**Exhaust Gas Recirculation?** no

**Other** \_\_\_\_\_

### Noise Control

**Describe Strategy** muffler, engine sound damping material

### Performance Maintenance

**Describe Strategy** direct injection, non-restrictive exhaust

### Other Unique Features of Your Snowmobile

**Describe Strategy** \_\_\_\_\_