

# SAE CSC2014 IC 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 Kettering Team Number: 014

Chassis-Year 2014 Model MXZ Sport 600 ACE  
Engine

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

Engine Displacement (cc or electric motor size) 600cc

Engine Manufacturer Rotax

Engine Modifications (if any) Turbo Miller Cycle (LIVC cam timing), ETC

Compression Ratio 12:1 static

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

Engine Management System ECU) Woodward Mototron 128-pin w/ student-generated code

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

Fuel Pump Pressure 58 psi Fuel Type (circle one) Flex Fuel, Biodiesel, Battery technology

## mission Control

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

Catalyst? Type? TWC

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

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

Other \_\_\_\_\_

## Noise Control

Muffler Design Catalytic reflective/valved/absorptive in stock location

Noise Treatment None

## Cooling

Describe Strategy stock heat exchanger

## Other Unique Features of Your Snowmobile

Describe Strategy Lean-burn turbocharged with LIVC

Track Manufacturer camoplast Length 120" Pitch 2.86

action Studs No? Yes? Type \_\_\_\_\_