

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 ETS Team Number: 005

Chassis-Year 12 Model MXZ

Engine

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

Engine Displacement (cc or electric motor size) 6000

Engine Manufacturer Rotax

Engine Modifications (if any) Compression Reduction shim

Compression Ratio 9.5:1

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

Engine Management System ECU Megasquirt 3 Pro

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

Fuel Pump Pressure 60 psi Fuel Type (circle one) Flex Fuel, Biodiesel, Battery technology

Emission Control

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

Catalyst? Type? 3 way

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

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

Other _____

Noise Control

Muffler Design Custom muffler

Noise Treatment Soundcoat, Resonator(exhaust), Packing(exhaust)

Cooling

Describe Strategy Intercooler, Stock radiator and engine cooling system

Other Unique Features of Your Snowmobile

Describe Strategy

Track Manufacturer ~~Camoplast~~ Camoplast Length 121 Pitch 13/8

Traction Studs No? Yes? Type _____