

APPENDIX A
Snowmobile Description Form for IC Engine Sleds

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 University of Wisconsin-Madison Team Number: 6

Chassis-Year and Model 2013 Ski-doo MXZ Sport

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

Engine Displacement (cc) 600cc

Engine Manufacturer Rotax

Engine Modifications (if any) (forced induction)

Compression Ratio 12:1

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

Engine Management System Motorola PCM505 w/ Mototron controls

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

Fuel Pump Pressure 43.5 psi Fuel Type (circle one) gasoline diesel

Emission Control
Air/Fuel Ratio Chosen (lean, stoichiometric?) varies; mostly lean

Catalyst? Type? 3-way catalyst (Pt/Pd/Rh)

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

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

Noise Control
Muffler Design stock muffler w/ integrated catalyst

Noise Treatment underhood/covers foam sound attenuation

Cooling
Describe Strategy stock (heat exchanger under tunnel)

Other Unique Features of Your Snowmobile
Describe Strategy custom built wiring harness, complete calibrations, flex fuel capable