

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 Northern ILLINOIS Team Number: 010

Chassis-Year 11 Model Polaris Rush 600

Engine

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

Engine Displacement (cc or electric motor size) 600

Engine Manufacturer Polaris

Engine Modifications (if any) None

Compression Ratio 12:4:1

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

Engine Management System ECU Power Commander V

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

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

Emission Control

Air/Fuel Ratio Chosen (lean, stoichometric?) Stoichometric with lean oil injection mix

Catalyst? Type? None

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

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

Other _____

Noise Control

Muffler Design Stock

Noise Treatment Stock

Cooling

Describe Strategy front heat exchanger with secondary tunnel and skid
coolers in use often warm up

Other Unique Features of Your Snowmobile

Describe Strategy Hayes Trail Trac

Track Manufacturer Camoplast Length 121" Pitch 1"

Traction Studs No? Yes? Type woody's gold digger