

SAE CSC 2012 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 MICHIGAN TECH IC Team Number: 6

Chassis-Year 11 Model POLARIS SWITCHBACK ASSAULT
Engine

Engine Cycle (2-stroke, 4-stroke, rotary, or electric) 4-STROKE Number of Cylinders 2

Engine Displacement (cc or electric motor size) 750

Engine Manufacturer WEBER

Engine Modifications (if any) _____

Compression Ratio 9:1

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

Engine Management System ECU AEM

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

Fuel Pump Pressure 45 psi Fuel Type (circle one) Flex Fuel, Biodiesel, Battery technology _____

Emission Control

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

Catalyst? Type? V-CONVERTER SINGLE PASS

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

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

Other _____

Noise Control

Muffler Design 2-CHAMBER MTU FABRICATED

Noise Treatment SOUND FOAM ON HOOD AND SIDEPANELS

Cooling

Describe Strategy COOLING LOOP THROUGH TUNNEL AND FRONT COOLER

Other Unique Features of Your Snowmobile

Describe Strategy MTU DESIGNED & FABRICATED A-ARMS, INTAKE RUNNERS, ENGINE

Track Manufacturer CAMOPLAST Length 120 Pitch 2.86 MOUNTS, SKI-

Traction Studs No? Yes? Type _____

DOO SL-S
REAR
SUSPENSION