

SAE CSC2007 SNOWMOBILE DESCRIPTION FORM

Team Name: Electric Knights

Team Number: 24

Chassis-Year and Model: 1999 ZR 440

Engine

Engine Cycle: Electric

Number of Cylinders:

Engine Displacement: 144cc 60 amp (nominal)

Engine Manufacturer: Solectria

Engine Modifications:

Compression Ratio:

Turbocharged or Supercharged?

Engine Management System: UMOG 425T

Fuel Delivery – Carburetors:

Fuel Pump Pressure:

Fuel Type: NiMH

Emission Control

Air/Fuel Ratio Chosen:

Catalyst/Type:

Secondary Air Injection?

Exhaust Gas Recirculation?

Other:

Noise Control

Muffler Design:

Noise Treatment:

Cooling

Describe Strategy:

Other Unique Features of Your Snowmobile

Describe Strategy: Chain drive, parallel charge, series discharge