

Minnesota State University, Mankato



Clean Snowmobile Challenge 2007

2005 Arctic Cat F5 Chassis

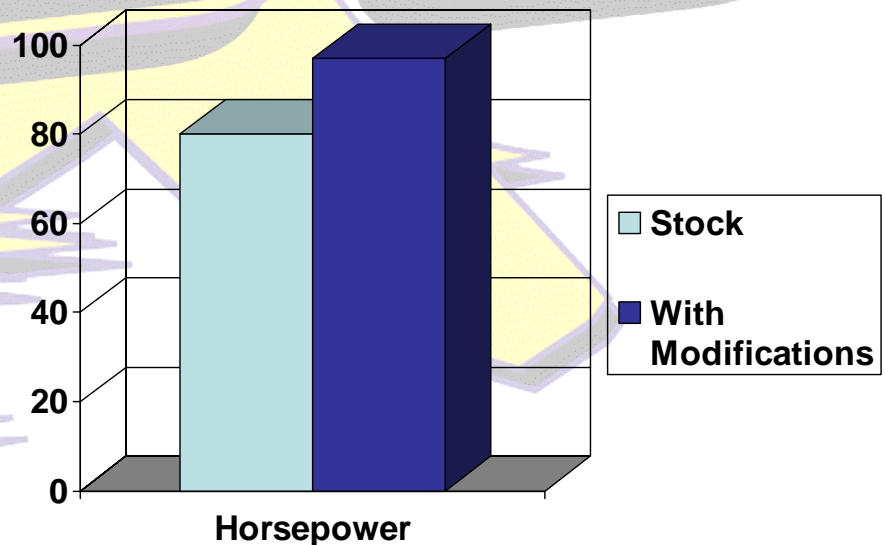
- **Aggressive, light weight, race proven chassis**
- **ActDrive suspension**
- **500cc 2 stroke cycle engine**

Two stroke Benefits

- **Cost**
- **Ease of maintenance**
- **Weight savings**

Engine Modifications

- **Converted to 1 semi-direct fuel injector and 1 throttle body injector per cylinder**
- **Fuel economy of 7.7 mpg on E85**
- **Engine management system**
- **High output stator**



Exhaust Modifications

- **Absorption style silencer**
- **Modified exhaust outlet placement**
- **3-way catalyst**

Chassis Modifications

- Larger 15.5 gallon fuel tank
- Custom hood painting
- Silencer venting



The background features the word "NOX" in a large, stylized, blocky font. The letters are filled with a bright yellow color and have a thick, jagged purple outline. The letters are slightly offset from each other, creating a 3D effect. The word "NOX" is centered horizontally and vertically on the slide.

Questions?