

Manitowoc County High School Manufacturing Project



Project Mini-Chopper

Mid-Point Progress Report

January 12, 2010

Team: Valders

Sponsor: Baileigh

Team Captain: AJ Kenneke

Work Completed So Far

- Motor wiring and testing
- 3D CAD of frame
- Bending and welding of frame
- Functioning team website
- Color template for chopper



Issues / Challenges So Far

- Incorrect motor wiring diagram and rewiring
- Adjustment to initial CAD demensions
- Motor Timing
- Slightly twisted frame
- Part ordering issues
- Cooperation in the beginning



Sponsor Incorporation into Bike

- Baileigh Industrial orange and black colors
- Baileigh Industrial logo on front Rim
- Baileigh Industrial painted on chopper
- Attempts to include Baileigh Industrial parts on choppper



Value/Benefit of Tour of Sponsors

- Observed operation of company
- Saw end product of company
- Insight into other teams progress
- Established general themes of other bikes



Next Steps

- Seat Design
- Bend front bender
- Modify the gas tank
- Powder coat frame at *Professional Plating*



Budget

Part/Component	Spent to date	Subtotal
Total at Start		\$2500.00
Engine (supplied)	-\$916.40	\$1583.60
Parts & Tubing (supplied)	-\$321.31	\$1262.29
Kenney Bessert Donation	+\$3000.00	\$4262.29
Georges sales and Choppers cycle	-\$563.06	\$3699.23
Exhaust gasket/Control assembly	-\$60.81	\$3638.42
Rim/spokes/hub	-\$175.09	\$3463.33



Budget

Part/Component	Spent to date	Subtotal
Chain and sprocket combo	-\$40.00	\$3423.33
Forks	-\$539.00	\$2884.33
Professional plating	\$0.00	\$2884.33
Expense sheet and Lulloffs	-\$215.71	\$2668.62
Lulloffs Rental	-\$95.00	\$2573.62
Hooper Imports	-\$60.81	\$2512.81



Questions?

