



**Spud Miller
Albany, OR
541-990-2485**

Magneto Output Test Report @ 2500 Engine RPM

John Q. Racer
November 13th, 2014
Super-Mag III #14453
Rotation: RIGHT Hand

	As Received	
Spark Duration	16	Crank deg
	0.00107	Seconds
Duty Cycle	17.8	Percent
Primary Current	3.64	Amps AC
Primary Voltage	52.00	Volts AC
Spark Voltage	3,626	Volts RMS
Spark Voltage	11,240	Volts Peak
Spark Current	43.0	milliAmps
Spark Energy	166.3	milliJoules
Power	85.9	Watts

	As Shipped	
Spark Duration	17	Crank deg
	0.00113	Seconds
Duty Cycle	18.9	Percent
Primary Current	4.08	Amps AC
Primary Voltage	55.00	Volts AC
Spark Voltage	3,981	Volts RMS
Spark Voltage	12,340	Volts Peak
Spark Current	47.0	milliAmps
Spark Energy	212.0	milliJoules
Power	109.6	Watts

NOTES:

1. Standard service: Bearings, all hardware, points, plates replaced. Shined up, factory label.
2. 3-Wire harness added. Magnet charged. Cap and rotor cleaned and sharpened.
3. Capacitor tests ok. Great load test with customer's 28900A coil.

**MSD measures magneto PEAK primary current instead of AVERAGE like Mallory always did.
When measured like MSD measures magnetos, this magneto makes: **12.1** Amps AC**