

APPENDIX D
2024 Measured Weight and RWHP Class Placement Worksheet



Name: JANE SCARCELO POC Membership # 166661 Car # 4661 Date: _____
 Year: 1999 Make: MAZDA Model: MIATA

Measured Horsepower	Measured Rear Wheel Horsepower (RWHP) - highest of three (3) consecutive pulls (or if the Torque is higher than the HP, then use the highest Torque number)	197
Adjusted Horsepower N/A for BSR and SCR	If RWHP was measured using a Dynojet Dynamometer multiply results by 0.95. For a Mustang Dynamometer multiply by 1.1. Otherwise enter measured RWHP.	187.15
Car Class	Indicate car class by selecting S(tock), M(odified) or GT. 992 S <input type="checkbox"/> 991.2 S <input type="checkbox"/> 982 S <input type="checkbox"/> BSR <input type="checkbox"/> SCR <input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> GT <input checked="" type="checkbox"/>	
Tire Type N/A for BSR and SCR	Indicate tire category - Tube Framed cars must select slicks. DOT >= 200 <input checked="" type="checkbox"/> DOT <200 & >= 100 <input type="checkbox"/> DOT < 100 <input type="checkbox"/> Slicks <input type="checkbox"/>	
Base Class Multiplier N/A for BSR and SCR	Using the table below, select and enter the desired class and minimum weight multiplier (lower of the two numbers for the range) for the chosen tire type.	Base Class Multiplier
Minimum Weight	Multiply adjusted RWHP by the Base Class Multiplier to determine the car's minimum weight, with driver, in pounds.	228 2356

Dyno Jet .95 0.00 0 Mustang 1.1 0.00 0 992S-3,026 991.2S-2,910 982S TD 3,100 COMP 3,125 MR 3,150 BSR-2,650 SCR-2,450

Base Class	DOT Tires >= 200 UTGQ	DOT Tires <200 and >= 100 UTQG	DOT Tires < 100 UTQG	Non-DOT Tires (Slicks)
1	less than 5.51 lbs./RWHP	less than 6.01 lbs/RWHP	less than 6.51 lbs/RWHP	less than 7.01 lbs/RWHP
2	5.51 to 7.50 lbs./RWHP	6.01 to 8.00 lbs/RWHP	6.51 to 8.50 lbs/RWHP	7.01 to 9.00 lbs/RWHP
3	7.51 to 10.00 lbs./RWHP	8.01 to 10.50 lbs/RWHP	8.51 to 11.00 lbs/RWHP	9.01 to 11.50 lbs/RWHP
4	10.01 to 12.50 lbs./RWHP	10.51 to 13.00 lbs/RWHP	11.01 to 13.50 lbs/RWHP	11.51 to 14.00 lbs/RWHP
5	12.51 to 15.00 lbs./RWHP	13.01 to 15.50 lbs/RWHP	13.51 to 16.00 lbs/RWHP	14.01 to 16.50 lbs/RWHP
6	15.01 to 18.00 lbs./RWHP	15.51 to 18.50 lbs/RWHP	16.01 to 19.00 lbs/RWHP	16.51 to 19.50 lbs/RWHP
7	> 18.0 lbs./RWHP	> 18.50 lbs/RWHP	> 19.00 lbs/RWHP	> 19.50 lbs/RWHP

Dynamometer Certification

Provider Name: ADVANCED ENGINE DYNAMICS Address: 159 N. MAPLEST. CORONA, CA. 92878 Phone: 949-287-1019
 Dyno Make & Model: DYNO JET Operator's Name: TOBY OTTESTAD

- 1) Test shall include 3 reproducible dyno runs made for each fuel/timing map with the car at normal race temperature, and the tires inflated to a minimum of 28psi, in either 4th gear or the gear closest to a 1:1 ratio.
- 2) SAE correction shall be used along with a smoothing factor of 4 or 5.
- 3) Dyno shall run to rev limiter or show decreasing power for 300 rpm's from the peak WHP level.
- 4) Engine, ECU, boost controller, adjustable throttle stop, etc. settings shall only be altered between dyno runs to obtain the required 3 additional tests for an alternate ECU/Fuel/Timing map and/or boost controller settings.

Adjustable Engine Management Declarations:

Does this car utilize an adjustable engine management system, adjustable throttle stop (mechanical or electronic), intake restrictor plate, boost controller, or one of multiple "chips" to achieve the RWHP claimed on this dyno sheet? Yes: No:

If Yes, please provide, on a separate page, the system description, method of adjustment, settings used for this measured RWHP dyno run, and how to verify these "chips", settings or dimensions at the track. Please sign and date this separate declaration.

Signatures and Declaration:

The dyno results attached and the information on this form(s) are certified as being true and correct by both the competitor and the dyno operator.

Owner's Signature: [Signature] Dyno Operator's Signature: [Signature] Date: 3/20/25