NATIONAL AUTO SPORT ASSOCIATION ®

NASA Performance Touring (PT) Official Dyno Certification Form (rev 2013)

Car Information:

Owner: _____ Class: _____ Car # _____ Log Book # _____

Vehicle Make:_____ Model:_____ Year:_____

Forced Induction? Y N (circle one) Restrictor Plate? If yes, what is the size:_____

Method of switching ECU Fuel/Timing Maps (if applicable):_____

Dynamometer Information:

Shop Name:_____ Shop Telephone #_____

Shop Address:_____ Dyno Operator:_____

Dynamometer Manufacturer/Type (circle one):

FWD and RWD: Dynojet

AWD: Dynojet Mustang Dyno Dyno Dynamics Dynapack

(Note: All Mustang and Dyno Dynamics results will be multiplied by 1.1 for calculations)

Dyno Testing Procedures:

1) At least three (3) separate, reproducible tests shall be made for each Fuel/Timing Map with the vehicle at normal operating temperature, and the tires inflated to at least 28 psi, either in 4th gear or the gear closest to a 1:1 ratio.
2) SAE J1349 Rev JUN 90 correction shall be used, along with smoothing factor 4 or 5.
3) Dyno graphs shall show horsepower and torque on the Y axis (vertical), and engine RPM on the X axis.
4) Testing Range (**check one**):
   ( ) Dyno graph shows decreasing power for 300 rpm from the peak horsepower level
   ( ) Engine reached the rev limiter during these dyno runs
5) The hood should be open, and a cooling fan should be placed in front of the vehicle
6) Engine, ECU, boost controller, etc. settings shall only be altered between Dyno runs in order to obtain the required additional sets of three Dyno tests for alternate ECU Fuel/Timing maps and/or boost controller settings.

Dyno Results:

Map 1: Max HP_____ Max Tq._____ Map 2: Max HP_____ Max Tq._____

Map 3: Max HP_____ Max Tq._____ Map 4: Max HP_____ Max Tq._____

The Dyno results attached, and the information on this form are certified as being true and correct by both the competitor and the Dyno operator:

_____	_____	_____
Competitor/Owner Signature	Dyno Operator Signature	Date