

## **Rules for 2009 – 2011 #6200 Limited Modified Tractors**

**(All rules will be in place for three (3) years)**

Note: The following engine combinations are considered “maximum limitations” for #6200 limited modified tractors that pull in the class

### **Class Fairness & Variance Rules:**

- 1 A weight and / or Hitch handicap can be and will be used to adjust fairness in the class, (determined by a majority of the TTPA Board). 1A. The TTPA Board has the right to evaluate the rules for fairness as the year progresses, and will adjust them as necessary (for all tractors in this class).

### **Engine Displacement and Carburetor Combinations**

#### **NOTE: OEM Clarification:**

**OEM stands for Original Equipment Manifest, and means that you can only use parts that were originally made and shipped and sold in the United States from a production line shipped car or truck.**

**NOTE: IF YOU ARE BUILDING A TRACTOR FOR THE TTPA 6200# LIMITED MODIFIED CLASS (A THRU G) AND THESE RULES DO NOT COVER A CERTAIN ITEM YOU MAY WANT TO HAVE ON YOUR TRACTOR, YOU CANNOT HAVE IT! DO NOT ASSUME YOU CAN BUILD AND ASK QUESTIONS LATER.**

### **All Combinations will weigh in at 6200 including driver**

#### **Combination A**

- 1 Two (2) Automotive or Marine V-8 engines equaling **1080 total cubic inch** naturally aspirated **carburetor**.
- 2 Cast Iron V-8 Automotive Blocks & after-market blocks, INCLUDING Hemi Blocks.
- 3 **AFTER MARKET HEADS ALLOWED.**
- 4 One (1) 950 CFM or smaller carburetor per engine (unmodified).
- 5 Heads to have two (2) and only two (2) valves per cylinder.

#### **Combination B**

- 1 Three (3) small blocks – Totaling **1230 cubic inch naturally aspirated Engines.**
- 2 Cast Iron V-8 Automotive Blocks & Cast Iron Hemi Blocks / after-market blocks
- 3 Factory original (OEM) cast iron heads / including Hemi heads
- 4 **AFTER MARKET HEADS ALLOWED.**
- 5 One (1) **750 CFM** carburetor per engine (unmodified).  
Heads to have two (2) and only two (2) valves per cylinder.

#### **Eliminated Combination C (2 small block combination)**

**Combination D**

1 One (1) **548** (Maximum size) Automotive Blown Engine with 8-71 supercharger at the overdrive limits listed below:

- A. Hemi Heads are limited to a maximum of 30% overdrive**
- B. Big chef or any wedge head with a non-stock OEM intake manifold bolt pattern are limited to 35% maximum overdrive.**
- C. Wedge heads that will accept a stock OEM intake manifold bolt pattern limited to 40% maximum overdrive**

No Hi-Helix allowed. Standard case and rotors.

- 2 V-8 Automotive engine blocks, including Hemi & after-market blocks.
- 3 Can use aftermarket heads.
- 4 Heads to have two (2) and only two (2) valves per cylinder.
- 5 NO DUAL SPARK PLUGS.
- 6 No Turbo's
- 7 Pulling weight 6200 pounds, unless handicapped by the TTPA board
- 9 Tech inspector must tech each pull before hooking to sled, to ensure correct blower gear ratio is used.

**Combination E**

- 1 One (1) naturally aspirated V-8 Automotive engine including Hemi engines & aftermarket blocks allowed. Totaling 650 cubic inch.
- 2 Any head allowed.
- 3 Heads to have two (2) and only two (2) valves per cylinder.
- 4 Any tunnel Ram, Fuel injection and Carburetor combinations allowed.

**Combination F**

- 1 Stock Allison Engine totaling 1710 cubic inch.
- 2 8.8.1 Supercharger.
- 3 One (1) stock carburetor.
- 4 Gear drive
- 5 Pulling weight handicap will be **6200** pounds total
- 6 Can run only gasoline
- 7 Tech official and Board to look at this combination before you build. (For fairness and compliance).

**Combination G\***

- 1 Three (3) OEM Stock Engines totaling 1545 Cubic Inch
- 2 OEM Cast Iron V-8 Automotive Blocks (**No after market blocks or HEMI BLOCKS ALLOWED**)
- 3 Factory original (OEM) cast iron heads only. (**No after market HEAD OR HEMI HEADS ALLOWED**)
- 4 One (1) 950 CFM or smaller carburetor per engine. (**No Modifications**).
- 5 Pulling weight 6200 pounds.
- 6 Gasoline or Alcohol**
- 7 Tech official and Board to look at this combination before you build. (For fairness and compliance).
- 8. If no participation in this Combination in 2009, the Combination will be eliminated.**

**\* For Fairness after first 3 pulls the hitch can be dropped by 1" at a time after board approval.**

**Weights**

- 1. All above Combo's must have 200 lbs. movable ballast weight transfer.

**Fuels**

- 1 Gasoline allowed, including racing fuel.
- 2 Alcohol allowed.
- 3 NITROUS IS NOT ALLOWED OR EVIDENCE OF NITROUS PARAPANILIA TO ANY PART OF THE TRACTOR.
- 4 No pressurize fuels allowed, (example LP).
- 5 No Diesel Engines or Diesel fuel allowed.

**6200 Mod Frames / Chassis**

- 1 Frames must be built and appear as the 7500 Modified design (see NTPA rule #V. page 38, 2005 Rule book)
- 2 Field / Row Crop frame will **NOT** be allowed. (Example: Nostalgia type / Farm type).
- 3 Tractor must be painted (Spectator appealing).
- 4 Can be painted any color and any paint scheme.
- 5 Pulling hitch, no higher (at top) than 20" off the ground (MUST COMPLY TO THE NTPA RULES), **with these exceptions – 1" diameter, 7/8" pin, maximum 2" thick.**
- 6 Must have headers discharging vertically.
- 7 Must have a wide front end only, and (Must track within inside edge of rear tires).

**SAFETY RULES**

- 1 All (NTPA & TTPA Modified tractors) General and safety rules apply for this class.
- 2 Safety transmission blankets: Must have SFI transmission blanket on automatic transmission or steel bell housing.
- 3 Bell housing must be certified or blankets by TTPA yearly inspected by tech official.
- 4 Master disconnect switch (disconnection of power source) required.
- 5 Safety straps four (4) will be secured to the blower and the engine, using no less than 3/8 grade 8 bolts to secure straps on both ends (at engine and at blower).
- 6 All tractor throttles will use the (spring return to idle) "dead man throttle." (See general rules).
- 7 Wheelie bars must meet TTPA and NTPA specifications. (See TTPA sec. Drawings).
- 8 Must have working / functional brakes.
- 9 Must have fenders, and cannot touch tire with out stretched are while sitting in drivers seat.
- 10 **Must have roll cage, 5-point harness and removable steering wheel. Cage must be built to NTPA guidelines.**
- 11 Must have breakaway kill switches (must shut down electrical ignition and electrical fuel systems).
- 12 **All 6200# Limited Modified Tractors will be 100% tech inspected and approved by the TTPA Tech Rep before tractor can hook to the TTPA Sled.**
- 13 Flagrant safety violations: Refer to TTPA General Rule #1, 1A and 1B.
- 14 Must have (working) 2.5 lb, fire extinguisher (easy access for track crew and by driver).
- 15 Must have all side shields in place (engines) and will be securely fastened to cover engine from front to back of block / from top of block to one inch below rotating assembly. **Fuel pumps, oil filters and mounting brackets are not considered part of shielding.** Solid frames can be part of shielding. (.120 aluminum or .060 steel).
- 16 All drive shafts must be totally enclosed (360 degrees) and secured so they cannot come out of the frame. NTPA drive shaft rules apply.
- 17 Must use SFI approved, harmonic balancer (no two (2) piece – stock ones).
- 18 Back up light on dash and above rear hitch.
- 19 Neutral start switch
- 20 Stud bolts on heads (1/2" and under or ARP bolts).
- 21 Couplings between motors NTPA guide lines.
- 22 Flywheels are to be guarded 100%. Shielding 1/4 inch steel or 3/8 inch aluminum. (Cannot touch flywheel with any object).
- 23 All crankshaft driven belts must be shielded.
- 24 All changes, which refer to NTPA Rules, are out of the **current** rulebook.

- 25 TTPA discretion on frames and all components, to be changed per safety at board's discretion. (Must comply after being asked immediately).

### Drivers

- 1 A competitor must be 18 years of age. If the competitor is at least 16 years of age, but not 18, then that competitor must have either a parent's or guardians written consent.
- 2 Drivers will drive at their own risk.
- 3 Must wear a DOT approved helmet.
- 4 Must wear a SFI 3-2 / A1 fire suit, head sock, gloves and shoes.

### Tires

- 1 Rear tire width no more than 30.5
- 2 Any cut allowed, including triple cuts.
- 3 Rear rims limited to 32 inches on tire widths over 24.5.
- 4 No radial tire allowed.
- 5 Metric tire must be equivilant to 30.5 x 32 with a maximum of 210-inch circumference, when inflated to 10 psi. Tread width not to exceed 32 inches.
- 6 NOTE: width determined by manufactures size.
- 7 Front tires – any size.

ALL RULES ARE IN PLACE FOR **three (3) YEARS, ENDING (POST) 2011 PULLING SEASON**. RULES MAY BE CHANGED FOR SAFETY. A NON-SAFETY RULE CAN BE CHANGED IF, THE "MEMBERSHIP OF THE CLASS" 100% AGREES, AND THE BOARD GIVES ANYNONAMOUS APPROVAL.

Document draft review & changes made by TTPA Board 11/16/02

Document draft revisions changes made by GH 11/17/02

Document revision 12/14/02

Document revision & Approved 12/14/02

Document revision & Approved 12/20/02 (Section: Combination C & D)

Document revision & Approved 2/22/03 Changed weight of class from 6500# to 6200# by paid membership.

Document revision & Approved 11/22/03 Changed or revisions made are in the blue

Document revised, draft of revisions and changes in blue as made by membership 10/29/05

Document revised, draft of revisions and changes in blue as made by membership 12/8/05 Board Approved

Document revised, revisions and changes in blue as made by membership April 2007 Meeting Board Approved (Combination F was added back in)

Document Revised, 11-17-07 Board Approved revision of After Market Heads to Combination (A) and Added /Approved Combination (G) for Fairness of the Current Class – Second and Final vote Approval 12/21/07 Revisions documented by TTPA President Gary Heberling

Document revision & Approved 9/20/08 ~ Comb A-1 & 3. Comb B-1 & 4 & 5. Eliminated Comb C. Comb D - 1 - A & B & C. Changed blower percents. Comb F – 5. 6200 #. Comb G 6 & 8. 6200#, add alcohol and 1 yr drop if no participation in this Comb. Drop hitch by 1” at a time for fairness with Board Approval. Safety rule – 10. 1<sup>st</sup> reading. 2<sup>nd</sup> Reading Approved 10/18/08.

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