

2008 NATIONAL 36hp LANDSPEED CHALLENGE 36hp ENGINE/CAR Guidelines

BASIC ENGINE: 36hp (25hp) engine case (block) with stock 36hp cylinder head studs in stock locations (8mm studs O.K.), original 36hp head, Okrasa, Denzel and aftermarket 36hp heads with or without modifications (no 1200-1600cc or Porsche based heads!). All engine sheet metal, to include a “functioning” generator and fan are mandatory in all engine classes. Transmission must be a Volkswagen 4 speed swing (non-synchro or full-synchro) or I.R.S. original Bug transmission. The front end may be lowered using commonly available VW axle beams or devices “excluding NARROWED axle beams”! Rear sway bars or camber compensators are acceptable and “Moon Disc” style hub caps when securely installed following USFRA and ECTA guidelines may be used.

CLASSES:

SS (Stone Stock-“NEW”) - Stock 36hp engine with single 28 PCI carburetor with no modifications. Must be equipped with a stock VW style exhaust system and tips, air cleaner, stock Bosch distributor and coil (Pertronix Igniter and engine balancing is O.K.).

DSS (Dual Super Stock) - Dual or period (pre 1980) single carburetor system. Requires any Bosch distributor and coil. Nitrous not allowed! No displacement, camshaft or header limitations.

K36 (Supercharged / Kompressor) - Any pre-1980 mechanically driven supercharger. Requires any Bosch distributor and coil. Nitrous not allowed! No displacement, camshaft or header limitations. Dual period correct superchargers are O.K..

NA36 (NEW AGE) - Any turbocharged or post 1981 supercharger or non-traditional external engine modifications. Nitrous not allowed! No displacement limitations within the stock cylinder head stud locations. Camshaft, exhaust and ignitions systems are open.

BODY / VEHICLE - Any year Type 111/113/133 stock Volkswagen Beetle, Super Beetle or Cal Look sedan body (convertible and sliding cloth sunroof bodies require added safety equipment - i.e. 4 point roll bar!). All metal body and fenders with all lights and VW bumpers in place and functioning.

SAFETY EQUIPMENT (contact each respective sanctioning body for latest 36hp Challenge rules and race dates before you plan on competing!).

Basic Minimum guidelines(36HP Classes only!):

1. 2 point seat belt (USFRA only! ! !). www.saltflats.com
2. 3 point seat belt (ECTA & TEXAS MILE only! ! !) www.ecta-lsr.com
3. Full face helmet (Snell 2000 or later approved with visor!).
4. Dual (2) throttle return springs.
5. Excellent condition “S” rated tires (to 112 mph!) inflated to 50 pounds with hub cap and trim rings removed (H rated tire required if speed exceeds 100 mph!).
6. Metal valve stem caps.
7. Overall sound and safe vehicle, licensed and insured for street operation.
8. Sanctioning body specific membership and entry fees.
9. “NO NITROUS”. Race gas is O.K.!
10. Fire extinguisher securely mounted inside passenger compartment.