

IAME X30 Supplementary Rules and Quick Reference

Effective 1-1-2017

Engine and components must have original specifications and appearance. When updated components or sub-assembly are available from the factory, those parts are allowed.

The following exceptions and clarifications are applicable:

- **Bearings, seals, O-rings, and gaskets:** may be replaced with equivalent from aftermarket Suppliers. No ceramic or exotic material bearing allowed. Components that measure within tolerance but show evidence of modification from factory-delivered condition are subject to disqualification.
- **Carburetor:** Tillotson HW 27A. Venturi diameter is Max 27mm (1.063"). Must be run in position shown on pdf.
- **Exhaust timing:** Maximum 177.5 degrees with manual or electronic degree wheel. Alternate measurement using LAD tool: 1.340" (visible light: 1.215").
 - Changing cylinder base gasket thickness to adjust port opening duration is allowed.
- **Reeds:** IAME stock. Minimum thickness: .012".
- **Ports:** must remain as manufactured condition. No grinding or polishing of any kind.
- **Minimum squish:** .035", with .060" solder.
- **CC:** 10.6 minimum with LAD plug with head on engine using Marvel Mystery Oil. As per USA Standard cc test procedure. Replaces CIK based test in pdf.
- **Air Box:** As supplied with engine kit. No modifications allowed.
- **Air filter:** IAME Part number 10751-A required.
- **Ignition control box:** "C" unit, subject to additional tech.
- **Spark plug specifications:**
 - Only the following plugs are allowed: NGK R6252K-105 and NGK R6254-105. In the event of a declared Rain Race, NGK BR10EG may be used.
 - Must be stock and unmodified. May be compared to a known stock plug to determine any modification.
 - Spark plug washer, indexing washer or head temperature gauge sender must be in place.
- **Radiator:** One (1) aftermarket radiator allowed to replace the IAME radiator, subject to the following:
 - No auxiliary fans.
 - No additional scoops, air dams or other aerodynamic additions.
 - Water pump is non-tech but must be powered from axle. Electric pumps not allowed.
 - Thermostat optional.
 - Mounting height 50cm maximum from ground (excluding filler cap).
 - Maximum radiator dimensions: Height: 19.5" Width: 12" Depth: 3.250" (496mm x 305mm x 83mm).
 - Shield on rear allowed to prevent damage from track debris.

Clutch: Effective 1-1-2018 only clutch drum X30125550A (without holes) may be used

Engine claiming: as per current Rulebook