

IAME X30

2018 Supplementary Rules and Quick Reference

Effective 6/8/2018

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. Auxiliary return spring required.

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: ~~0.12"~~ .011"

Ports: must remain as manufactured condition. No grinding or polishing of any kind.

Minimum squish: .035", with .060" solder.

CC Volume: No longer applicable.

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: Only clutch drum X30125550A (without holes) may be used.

Oil mixture: 8oz of Motul Kart Grand Prix 2T per gallon of VP C12.

Engine claiming: As per current Rulebook.