



www.thundersportgb.com

TECHNICAL REGULATIONS
THUNDERSPORT GP1 CLASSIC

2019 Spec.

27th October 2018

Latest Release: 27th October 2018
Issue 4 2019

Thundersport GP1 Classic (2019)

1. ELIGIBLE MACHINES

The following is a list of machines that are eligible:-

Yamaha YZF-R1 up to the last 2001 carbureted model.

Suzuki GSXR 1100 all models (including Harris Magnum framed bikes).

Honda CBR900RR – 899cc, 919cc, 929cc and the 954cc.

Kawasaki ZX9R all models to 2004.

Ducati 998cc Testastretta engine bikes.

Suzuki GSXR 750 Y, K1, K2, K3 prior to the end of 2003 revamp.

Aprilia RSV1000R later than currently allowed in Golden Era Superbikes.

Benelli Tornado all models up to 2003.

Triumph Daytona 955i all models.

Suzuki GSXR 1000 K1 & K2 (988cc models only) will be permitted with 38mm throttle bodies from the GSXR600 K1 or with 38mm inlet restrictors fitted to the original 42mm throttle bodies. (restrictors should be fitted after the butterfly)

Yamaha R7 (R71 conversions using R1 carbed engine only)

“Specials” from in period accepted on a case by case specific basis including 750cc 2-strokes. Grand Prix 250 machines later than 2005.

All motorcycles must comply in every respect with all requirements for Road Racing as specified in the ACU regulations.

2. DISPLACEMENT CAPACITY

The displacement must remain within 15cc of the original design for the engine concerned allowing for rebore repairs. Tuning of standard parts is permitted.

3. MINIMUM WEIGHTS

The minimum machine weight at post race control must not be less than:-

165kg (4 cylinder)

155kg (3 cylinder)

145kg (2 cylinder)

Grand Prix 250 machines – 95kg (2 cylinder)

2-Stroke over 251cc – 105kg

4. NUMBER PLATE COLOURS

Front number colours are:-

As per the current ACU Handbook, or in the original colours from the period.

Side number colours are free.

5. CARBURATION INSTRUMENTS

Carburation instruments are free within the constraints of equipment freely available within the up to 2002 period. Injection systems are only permitted as originally fitted (***exception Suzuki GSXR1000 K1 & K2 models as listed above***)

6. FUEL

All machines must function on fuel in conformity with current ACU Regulations. E85 Bio Fuel is also permitted.

100LL (avgas) is permitted in accordance with the current regulations.

7. FRAME BODY AND REAR SUBFRAME

For all machines, the engine and frame must be from the same model unless an older engine is married to a frame made within the period restraints listed above. (TT Formula 1 machines excepted)

8. FRONT FORKS

Front fork fitment is free.

A steering damper may be added but may not act as a steering lock device.

9. REAR FORK (Swing Arm)

The rear fork unit is free.

10. REAR SUSPENSION UNITS

Rear suspension units, including all linkages and mounting points, are free.

11. WHEELS

Wheels are free, provided they remain within the minimum size range for the machine capacity as listed in the current ACU Handbook.

12. BRAKES

Brakes are free, but no carbon or ceramic units are permitted.

13. TYRES

Any tyre, slick, treaded or full wet may be used by all machines.

The use of tyre warmers is allowed.

14. WIRING HARNESS

The wiring harness is free.

15. IGNITION / ENGINE CONTROL SYSTEM (Cdi)

In principal the ignition control system is free, but may not contain any traction control or launch control functions not associated with the machine periods as listed above. Power Commanders and the like are permitted for altering fuelling etc.

16. OTHER NON-PERIOD MODIFICATIONS

There are numerous non-period modifications made to certain types of racing machinery, some of which are safety related and others which are performance related. In principal any safety related modification will be permitted, whereas performance related modifications not listed above will not be permitted. This does not include tuning of barrels, porting, polishing or changing any component in line with what was considered acceptable '*in period*'.

Slipper Clutches are permitted.

Data acquisition sensors other than for road speed are not permitted.

Any disputes in this area will be adjudicated upon by the series eligibility officers.

THE FOLLOWING ITEMS MUST BE REMOVED FROM ALL MACHINES

Headlamp, rear lamp and turn signal indicators.

Rear view mirrors.

Horn.

License plate bracket.

Tool box.

Helmet hooks and luggage carrier hooks.

Passenger foot rests.

Passenger grab rails.

Safety bars, centre and side stands (fixed frame brackets may remain).