

GT400 Construction and Racing Rules

1. The standard hull and deck must be used with no modifications.
2. The removable top can be any one of the standard range available or to your own design, but must be 'scale like'.
3. A standard Graupner motor and drive assembly (part no. 1970) or component parts of the above unit as sold separately (*as listed below*) to be used.
 - 3321 Speed 400 6 volt motor
 - 416 Marine prop-shaft & tube 180/160mm, M2 thread
 - 2318.26 Carbon Hydro prop 26mm, M2
 - 355.3 Shaft coupling 2/2.3mm
 - 2333 Coupling housing
 - 29997.4 Bearing support / lubrication nipple, 4mm dia tube (x2)
4. A 400 size 6v motor to be used with no modifications or tampering of any kind.
5. No metal propellers to be used – Graupner 26mm standard or cut down 29mm are the only propellers to be used.
6. A 7.2 volt sub-C NiCad or NiMH battery must be used. The battery pack may be constructed from single cells or purchased as a ready-made pack, to be assembled in a straight line, either side by side or in two sticks of three cells placed together. Cells or packs that have been **Performance Selected, designated as High Voltage, Matched, Voltage/Capacity Enhanced in any way, are prohibited.**
7. Internal set-up including motor, battery, radio etc. is to the owners personal preference.
8. Rudder to be shop bought or home made to personal preference.
9. Water cooling is recommended.
10. An arming link is recommended.
11. A rubber bump strip is to be fitted to the bows.
12. A Velcro fastening to attach the racing number (provided at meeting) should be fixed to the Starboard side of the boat.
13. All boats to be painted or decorated in a manner that they are highly visible both on the water whilst racing or if capsized.
14. Races to last 5 minutes.
15. Races to use the 30m by 15m 'M' course in an anti-clockwise direction.
16. The start will be on the water from a starting gate, within 10 seconds of ready and after the whistle.
17. Seconds to be counted after the 5 minute race to complete the current lap, with a maximum of 60 seconds. Whistle to announce finish.
18. 5 second penalty for missing a buoy, after 2 misses a lap will be deducted for each additional miss – **NO ROUNDING OF BOUYS.**
19. Rescue boat allowed on the course if a race boat is in danger of sinking, automatic disqualification for hitting the rescue boat or a dead or capsized race boat on the course. Dead boat to be called with its position on the course.
20. Any boat that is being lapped is to give way to the chasing boat.
21. Any boat that appears to be going much faster than the accepted norm will be scrutinised and penalised if found to be in breach of the rules.

