

Top speed and Wheelie rules for bikers - 2023

These rules are to be read in conjunction with the Supplementary Regulations for the event.

All new riders will need carry out controlled observed runs at a Top Speed Test Day event. The controlled observed runs would consist of a minimum of 3 runs per day.

New riders should ideally attend 2 separate Top Speed Test Days. At the first of these event's they will accompany the Clerk of the Course or another nominated official on a tour of the track seeing what the course layout is and where and on track signage is placed. A large amount of information will be explained however the tour gives new riders the opportunity to ask questions. New riders are required to carry out a minimum of 6 speed controlled and observed runs. Observed runs have been introduced as it became apparent that some riders did not appear to know the layout of the track, where the braking markers are or where the track exits are.

Each rider carrying out any observed run must inform the start line official of the speed they are to achieve through the speed traps. The starter will confirm this speed with the time-keeper and track control, this is to ensure the rider is absolutely certain of what they have to achieve.

This process allows the rider to demonstrate control of their vehicle up to but not exceeding a specified speed.

There will be 4 levels/grades of Straightliners speed licence for riders to achieve. Upgrading is by showing competence at each key level (140mph upgrades 180mph, 180mph to 230mph and finally upgrading to over 230mph.)

Do not under any circumstances be tempted to keep the throttle open past the pits (that is 2km from the start line), wheelie riders must drop the front wheel as soon as they pass the final chequer board, failure to do this will result in no speed being recorded and no further participation in the event on that day.

Straightliners Speed License Grades

Speeds are at recorded the top speed timing trap on the Standing Mile (1.6km from the start line).

Bronze	– speeds up to 140mph
Silver	– speeds from 141 to 180mph
Gold	– speeds from 181 up to 230mph
Platinum	– speeds from 231mph upwards

A full National race licence for Hill climb and Sprint is required before riders of a known ability are eligible for speed record attempts.

Any new bike, or bike that has previously run at a Straightliners event which has had a major rebuild or upgrades since it last ran, will have to complete a number of observed runs progressing in pre-arranged and agreed speed increments.

No hot lapping. This means no re-joining the starting line queue straight after a run. ALL riders must return to their pit area to check their bike over before attempting another run.

Rider personal protective equipment

The following must be worn by all entrants in all wheelie and top speed classes: -

Full leathers - one piece.

Back protector.

Chest protectors.

Leather motorcycle boots that offer above the ankle protection and are securely fitted.

Full leather gloves.

(Body armor to be CE marked)

ACU approved Full face helmet with a visible 2 ringed gold sticker. No open-faced helmets are allowed. A visor must be used at all times when racing. A Dark visor or tinted fairing screen are permitted but not both.

Riders wearing dark glasses must have a clear visor and clear fairing screen.

All riding kit must be in good condition and worn by the rider when presented for inspection at scrutineering.

Foreign competitors crash helmets will be examined by the Clerk of the Course, for their governing bodies approval sticker.

Damaged, poorly repaired or taped up PPE will be rejected.

Bike technical inspection

It is the rider's responsibility to ensure that their machine is presented in a clean, fit to race condition.

Checks by officials will include but are not limited to the following:

Tyres and their condition.

Valves must be of metal construction with metal valve caps with internal seals fitted.

Engine and gear box Sump plugs, oil filters, and oil filler caps must be lock wired.

Streamlining or bodywork shall meet the requirements of the ACU handbook. Hillclimb and sprint standing regulations.

Chain guards must be fitted. Factory racing machines are exempt.

Wheel & headstock bearings must be in good condition.

Cushdrive to be in good condition.

Steering Dampers must be fitted to all machines.

Condition of fork legs.

Condition of chain and sprockets.

Machines to be free from oil leaks.

This list is indication only and not exhaustive of items to be checked.

Aero fairings and bodywork.

Weather conditions have a serious influence on the stability of these machines. Wind speed will be measured by track control to determine what is to be considered a safe wind speed before these machines enter the track.

Pre-track, equipment checks.

A check will be carried out by the gate official prior to a rider proceeding through the gate and on to any holding area.

Riders and machines must not leave this area before they are released onto the track. Riders must show wrist bands and demonstrate they have on their correct safety equipment to the gate official prior to entering the holding area.