

2024 Top speed and Wheelie rules for bikers

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

All new riders will need to carry out controlled observed runs at a **Top Speed Test Day** event. At this first event 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 on track signage is placed. A large amount of information will be given however the tour gives the new rider the opportunity to ask questions.

New riders are then required to make a minimum of 3 speed controlled and observed runs.

Observed runs were introduced as it became apparent that some riders did not appear to know the layout of the track when at speed, where the braking markers are, or where the track exits are. Each rider carrying out an observed run must inform the start line official of the speed they are to achieve through the timed speed trap. The starter will confirm this speed with the timekeeper and with 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 their specified speed.

Do not under any circumstance be tempted to keep the throttle open past the pits (that is 1.25 miles or 2km from the start line). Wheelie riders must drop the front wheel as soon as they pass the final chequer board of the kilometre. 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

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

These speeds are recorded at the top speed timing trap of 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 Straightliners National Advanced NORA92 competition licence for Top Speed is required before riders of a known ability are eligible to attempt **speed records**.

Any new bike, or a 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 further observed runs, progressing in pre-arranged and agreed speed increments. Speak with the Clerk of the Course

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 over their bike and its tyres, before attempting another run.

Rider personal protective equipment (PPE)

The following must be worn by all entrants in all wheelie and top speed bike 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. A visor must be used at all times when racing. A Dark visor or a tinted fairing screen are permitted ***but not both***.

No open-faced helmets are allowed.

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

All riding kit must be in good condition and be 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.

Tyre 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 an indication only and is not exhaustive of the items to be checked in scrutineering.

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 visual check will be carried out by the organisers 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, bike scrutineering sticker and demonstrate they have on their correct safety equipment to the gate official prior to entering the holding area.