



CONCOURS *de* MACHINES

A M B E R T 2 0 1 7

DETAILED POINTS ASSIGNMENT



“MACHINE” MANDATORY EQUIPEMENTS

- A frame and a fork
 - Bars and stem or any system offering the same service
 - A saddle, attached to the frame in an independent and adjustable way
 - Two wheels with rims, hubs, axles and fixing system
 - A drivetrain with crankset and crank arms
 - A multi-speed drivetrain with freewheel.
 - An independent front/rear braking system
 - Rear and front lighting devices allowing autonomous night riding
 - pump
 - A tool pouch
 - 2 bottle cages, affixed to the frame
 - A bicycle bell
 - A rack or any other system allowing to carry a load
- ON THE BIKE**

Each manufacturer must submit a dossier detailing the manufacture of his machine. The text may be accompanied by photographs, diagrams and any other element making it possible to report to the Work carried out, in particular house parts And modified. The complete configuration of the machine must also appear in this folder.

To be handed over 15 days to the jury

The Machine setup and characteristics are to remain exactly the same during the whole Concours. Any mods, including tires or pedals could lead to elimination of the team.

THE REFERENCE WEIGHT of the complete bike is fixed to 10,5kg. this should include all above listed elements (pouch, pedals, lights and so on). **NOTHING TO BE CARRIED BY THE RIDER**

- Each 100g saved gives a *Bonus*.....20
- Each 100g over the reference weight gives a *Penalty*.....40

THE SPEED!

1st race, approx. 200km distance should be ridden at 22,5km/h pace

- each 0,5 km/h slower give a *Penalty*..... 20

2nd race, approx. 150km

- Untraced ride with checkpoints to validate in a given time (info revealed only at the time trial start)
- Each 0,5 km/h slower gives a *Penalty*..... 20
- Missing checkpoint..... **ÉLIMINATION**

BONUSES

MUD GUARDS

- Front and rear mudguards (efficient ones!)100

RACKS

- Front or/and rear racks100

LIGHTS

- Autonomous (batteryless)100



TECHNICAL PENALTIES

TO BE ASSIGNED DURING THE CONCOURS FIAL EXAMINATION

FRAME AND FORK

- Breakage **ELIMINATION**
- Cracking of frame/fork or partial breakage leaving the bike rideable200
- Frame distortion (visual control)200

DRIVETRAIN

- Any breakage making the system unusable (indexing failure, crankset play, pedals...).....100

LIGHTING

- Front light failure:.....100
- Rear light failure:100

MUDGUARDS

- Breakage, cracking or wrong positioning.....50

BRAKES

- Any breakage or damage making rear or front brake unusable200
- Same but on both front and rear brakes .. **ELIMINATION**

STEERING & COCKPIT

- Breakage **ELIMINATION**
- Bend, cracking or excessive play100

TOOLS / PUMP

- Loss100

BOTTLE CAGES (x2)

- Loss or breakage.....50

FRONT OR REAR RACKS

- Breakage100
- Partial or total loss of the load **ELIMINATION**

WHEELS

- Breakage **ELIMINATION**
- Bend, cracking or excessive play100

FREEWHEEL

- Unusable freewheel40

SADDLE, SEATPOST

- Breakage of seatpost, saddle clamp or saddle ...200

HARDWARE

- Loss, breakage, broken thread screws, nuts and bolts20

SETUP AND CHARACTERISTICS

- Any change to the machine characteristics.

..... **ELIMINATION**

LET TO THE JURY JUDGEMENT

CUSTOM “IN HOUSE” PARTS

- Any in-house self made part like hubs, crankset, brakes, saddle, seatpost, stem, lugs, mounts, etc 50 / element

MODIFIED PARTS

- Industry parts modified by the Constructeur 20 / element

BUILD WORKBOOK

- Level of details, coherence and global quality of the workbook300



FINAL GRADE

All points from weight, speed, bonus and penalties will weight for 50% of the final score with the following repartition:

- 20% for bonus / penalties
- 20% for average races speeds
- 10% for the machine's weight

For each of these items, Constructeurs will be judged compared to the best attributed grade, recalculated to be considered as being 100 points.

The remaining 50% will consist in votes given by the public, the jury and the Constructeurs themselves with the following repartition:

- 30% for the Jury votes
- 10% for the Constructeurs votes
- 10% for the public votes