

TECHNICAL REGULATIONS 2021

VEHICLES « SIDE BY SIDE »

Technical Steward :

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ELIGIBLE VEHICLES

GROUP T3/T4 FIA : FIA LIGHTWEIGHT CROSS-COUNTRY VEHICLES

Conform to the FIA T3 & T4 regulations, appendix J 2021, Articles 286 or 286A

GROUP SSV XTREME RACE : SSV OPEN

Conform to the articles 286 or 286A, appendix J FIA 2018 or 2019, or in accordance to the FFSA T3/T3S/T4 regulations.

There will be a separate classification for each group.

GROUP FIA T3/T4

Conform to the FIA T3 & T4 regulations, appendix J 2021, Articles 286 or 286A

GROUP SSV XTREME RACE

Conform to the articles 286 or 286A, appendix J FIA 2018 or 2019, or in accordance to the FFSA T3/T3S/T4 regulations.

The SSV of the SSV XTREME RACE GROUP should respect the following minimum weights, with 1 spare wheel, without any fuel and be in race configuration:

- SSV with atmospheric engine: 825 kg
- SSV with turbo engine: 925 kg

- ➔ Mechanically propelled single-engine land vehicles with 4 wheels propelled by their own means, and of which the propelling device and steering are controlled by a driver on board the vehicle.
- ➔ These vehicles have two seats side by side, must be registered in one country and comply with the International Convention on Road Traffic with regard to lighting. Vehicles must be 4-wheel or 2-wheel drive only.
- ➔ The SSV must remain in its original factory configuration and have been produced in more than 500 units in 12 consecutive months, except for authorised modifications such as suspensions, roll bar reinforcement etc.

- ➔ Vehicles with an ASN passport are accepted under subject to comply the articles 283-8 2020 (roll cage). The competitor must send pictures to the organization when registering
- ➔ The safety fittings must be composed of a main cage in diameter 45/2.5 or 50/2mm. The rest of the safety cage component must be 40/2mm in diameter. They must be conformed to the article 283-8 2020
- ➔ Any tank containing oil or fuel must be situated in the main structure of the vehicle.
- ➔ The vehicle's water radiator can be moved to the rear of the vehicle without going beyond the center line of the rear wheels.
- ➔ Tank(s) allowing to perform 250 km in special stage. For safety, an additional autonomy of 10% is requested.
- ➔ Only fuel tanks conforming to the FT3-1999, FT3.5-1999 or FT5-1999 standards are permitted. No part of this housing may be situated less than 40 mm above the reference surface.
 - Reference surface: Plane defined by the lower face of the lowest tubes of the chassis that are situated within the vertical projection of the fuel tank.
 - An additional fuel tank under the seat is accepted if there is an aluminium plate of 6mm.
- ➔ The number of fuel exit is limited to 2.
- ➔ In case of keeping the original tank: it is authorized to add an FIA tank in the body with additional protection for the roll bar with a tank and FIA pipe fitting that flows into the original tank.
- ➔ The number of suction points is limited to 2 and the pressure of the suction pumps must not be more than 1 bar.
- ➔ Active suspensions adjustable from the inside must be original, with the brand.
- ➔ All vehicles must be fitted with a partition resistant to liquids and flames, made of steel or aluminum (thick. Mini 2mm) or composite material (thick. Mini 5mm). It should be located behind the seats and in contact with the main roll bar of the roll-over frame.
- ➔ All vehicles must have a shielding (aluminium alloy or steel plate of 6 mm minimum thickness) fitted directly onto the chassis underneath any part of the tank(s) situated under 200mm above the reference surface.
- ➔ Restrictor is not compulsory.
- ➔ Outside diameter of the tires: 30 inches maximum. The wheel diameter is set at a maximum of 15".
- ➔ List 52 extinguishers are not compulsory.

PILOT / CO-PILOT EQUIPMENT

Conform to the FIA regulations

Each competitor must have:

- ➔ FIA homologated helmet with full front protection (open helmets allowed only with compulsory, glasses or a helmet visor)
- ➔ Hans System or hybrid (Simpson) compulsory
- ➔ Sticker with name/first name, blood group and flag on each side
- ➔ Homologated fireproof overall suit complying to FIA norms
- ➔ Fireproof undergarments, balaclava, sock, shoes, gloves (driver) complying to FIA norms
- ➔ Minimum capacity of 3 liters/pers.

These equipments will be checked at the technical checks and every morning before the start.

VEHICLE'S SECURITY EQUIPMENT

- ➔ All mechanical parts of the vehicle must be in perfect condition and will be checked by a technical steward. Departure will be refused to all non-compliant vehicles. Each vehicle must have:
- ➔ Safety cage conform to the art. 282 & 283 respectively (homologation form recommended)
- ➔ Bucket seat homologated FIA
- ➔ 5 or 6 points harness homologated FIA
- ➔ Lateral protection nets for the side windows (upper part attached to the frame)
- ➔ Rigid roof above the occupants of the vehicle, at the top of the arch of the protective structure; the material used may be fiberglass, aluminum foil or steel (minimum thickness 1.5 mm), welded-bolted to the security structure with metal staples. It is forbidden to drill the tubes of the vehicle frame.
- ➔ Absolutely forbidden: position the spare wheel on the roof of the vehicle (allowed only on one side or at the back, secured by safety straps)
- ➔ Circuit breaker accessible by pilots and by an external person
- ➔ Extinguishers: at least 1 manual extinguisher (2kgs) + 1 automatic extinguisher. The manual extinguisher must be accessible to the pilot and co-pilot, even if they are attached. Otherwise, the crew must provide 2 manual fire extinguishers. They must be securely fixed and accessible from the outside
- ➔ 2 towing rings (front and rear) or a FIA strap allowed
- ➔ If a windscreen is installed, it must be laminated glass or polycarbonate with a minimum thickness of 5mm. In this case, an efficient wiper and washer system will need to be installed.
- ➔ Any tank change will involve the installation of an FIA homologated tank - Appendix J, Articles 283, art. 14 or in accordance with Article CR21 of the Score Regulations,
- ➔ 5 liter water reserve, firmly attached to the vehicle and accessible without the use of tools
- ➔ 2 stickers with name / surname, blood type and flag of the pilot and co-pilot nation on each side of the vehicle
- ➔ 1 seat belt cutter per pers
- ➔ 1 shovel
- ➔ 1 towing rope
- ➔ Spare wheel (at least one repair bit)
- ➔ Mud flaps
- ➔ GPS ERTF
- ➔ IRITRACK MARLINK