



PRE-TECHNICAL REGULATIONS 2024

SSV XTREME RACE

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 or ASO regulations

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.

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 or ASO regulations

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 without turbo engine and over 1000cm³ with engines up to 2 litres: minimum 1150 kg and outer diameter of tyres: max. 32 inches
 - SSV with turbo engine: 925 kg
1. 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.
 2. These vehicles have 2 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.
 3. 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.
 4. Vehicles with an ASN passport are accepted under subject to comply the articles 283-8 2020 (roll cage). **In order for a registration to be accepted, a full copy of this passport and the safety frame certificate must be provided at the organization.**
 5. 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
 6. Any tank containing oil or fuel must be situated in the main structure of the vehicle.

7. The vehicle's water radiator can be moved to the rear of the vehicle without going beyond the center line of the rear wheels.
8. Tank(s) allowing to perform 250 km in special stage. For safety, an additional autonomy of 10% is requested.
Refueling provided every 250 km of special stage (approx. 1,500 € for maximum 60L / refueling during all the rally)
9. Only fuel tanks, maximum capacity of 130 liters, 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.
 - a. 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.
 - b. An additional fuel tank under the seat is accepted if there is an aluminium plate of 6mm (see 14.).
10. 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.
11. Active suspensions adjustable from the inside must be original, with the brand.
12. 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.
13. A roof for the protection of the crew is mandatory, 2mm thick if made of steel or aluminium alloy or 3mm thick for other materials.
14. 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.
15. Restrictor is not compulsory.
16. Outside diameter of the tires: 30 inches maximum. The wheel diameter is set at a maximum of 15".
17. List 52 extinguishers are not compulsory
18. Maximum speed : 130 km/ph, controlled by UNIK4

PILOT / CO-PILOT EQUIPMENT

Refer to the article 48P

Each competitor must have:

1. FIA homologated helmet with full front protection (open helmets allowed only with compulsory, glasses or a helmet visor)
2. Hans System or hybrid (Simpson) compulsory
3. Sticker with name/first name, blood group and flag on each side
4. Fireproof overall suit complying with FIA standards compulsory (Appendix L, Chapter 3 of the FIA Regulations - FIA 8856-2000 Technical List N°27 and/or FIA 8865- 2018).
5. The wearing of fireproof undergarments, balaclava, socks, shoes, gloves (Driver) complying with FIA standards (8856-2000, Appendix L chapter 3 FIA and/or FIA 8865- 2018).
6. Minimum capacity of 5 liters/pers.

SURVIVAL KIT & MEDICAL EQUIPMENT

1. Distress mirror
2. Aluminium rescue blanket per person
3. Compass
4. Light stick
5. Medical first-aid kit
6. 1 lunch pack per person

VEHICLE'S SECURITY EQUIPMENT

VEHICLE EQUIPMENT

Compulsory safety equipment to be rented to the organizer provider:

1. GPS UNIK4 – ERTF
2. NEW TRACK - MARLINK

An information for this equipment will be sent by the organization to the competitors.

For safety reasons Crews must carry with them in their vehicles, additional of the survival kit & medical equipment (art.48P1.2), the following material:

1. 1 safety triangle + 1 yellow fluorescent safety jacket per person, per vehicle;
2. 1 seat belt cutter per crew member, accessible from the seat with harness fastened;
3. A pair of bike / working glasses per Crew member;
4. 1 x 10 m tow rope;
5. Warm clothing;
6. 5 litres of non-alcoholic drinks per person, in soft pouches, with mouthpieces or similar, to facilitate the absorption of liquids during the Race;
7. 1 very loud horn, that functions perfectly throughout the Event;
8. 1 NewTrack;
9. 1 GPS UNIK4.

VEHICLE 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:

1. Safety cage conform to the art. 282 & 283 respectively (homologation form recommended)
2. Bucket seat homologated FIA
3. 5 or 6 points harness homologated FIA
4. Lateral protection nets for the side windows (upper part attached to the frame)
5. 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.
6. 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)
7. Circuit breaker accessible by pilots and by an external person
8. 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
9. 2 towing rings (front and rear) or a FIA strap allowed
10. 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.
11. 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,
12. 5 liter water reserve, firmly attached to the vehicle and accessible without the use of tools
13. 2 stickers with name / surname, blood type and flag of the pilot and co-pilot nation on each side of the vehicle
14. 1 seat belt cutter per pers
15. 1 shovel
16. Spare wheel (at least one repair bit)
17. Mud flaps
18. GPS UNIK4 ERTF
19. NEWTRACK MARLINK