



# 2024 SPA FRANCORCHAMPS EVENT

## 24 to 28 July 2024

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<b>From</b>	The FIA Formula 3 Race Director	<b>Document</b>	50
<b>To</b>	All Teams, All Officials	<b>Date</b>	27 July 2024
		<b>Time</b>	12:28

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**Title** F3 Spa Event Notes V4  
**Description** F3 Spa Event Notes V4  
**Enclosed** F3 Spa-Francorchamps Event Notes V4.pdf

**Rui Marques**

**The FIA Formula 3 Race Director**



# SPA - FRANCORCHAMPS EVENT

25 - 28 JULY 2024



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## General Instructions (V4) (changes in light blue)

### 1) Pit lane map

- 1.1. Safety Car lines.
- 1.2. The location of the pit entry and the pit exit.
- 1.3. Designated garage areas.
- 1.4. Safety Car position for first lap and rest of race.
- 1.5. Blue flag marshal at the pit exit.
- 1.6. Track light panels displaying pit entry status.  
(Pole position corrected from LHS to RHS)

### 2) Pirelli Event Preview

- 2.1. With reference to Article 12.9 of the Technical Regulations see the attached document provided by the official tyre supplier.

### 3) Pre & Post Session / Race Procedure from support paddock to F1 pit lane

- 3.1. During the practice sessions, for the transfer procedures from the endurance pit lane to the F1 pit lane, only the set of installation tyres detailed in Article 24.1 of the Sporting Regulations can be used.
- 3.2. **For both races, cars will be allowed to travel from the endurance pit lane to the F1 pit lane on marked tyres.**
- 3.3. A detailed description and further information of this procedure (pit lane order and timing) are described in the attached document – F3 Event Procedures V2.

### 4) Tyre Schedule

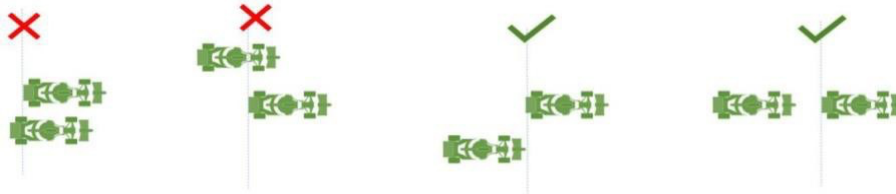
- 4.1. Refer to attached document – F3 Tyre Schedule.

### 5) Track Light Panels

- 5.1. The FIA track light panels have been installed in the positions shown on the circuit map. In accordance with Appendix H to the ISC the light signals have the same meaning as flag signals.

### 6) Drivers leaving their pit stop position in the pit lane

- 6.1. For safety reasons, during practice and qualifying drivers must not do burn outs from their pit stop position, for the avoidance of doubt this also applies when the pit exit is open for reconnaissance laps.
- 6.2. It is not permitted to do burn outs or clutch bite points checks in the paddock, garage areas and in the pit lane at any time during the Event.
- 6.3. For reasons of safety, any driver released from their pit stop position must move to the fast lane as quickly as possible, drivers must not drive side by side with another car.
- 6.4. For reasons of safety and sporting equity, drivers must not drive through other team's pit bay after being released from their pit stop position.
- 6.5. No wheel nuts must be left on the ground at all times.



## 7) Fuel pressure release in parc fermé

- 7.1. For safety reasons, teams are authorised to appoint one person specifically in order to release the pressure inside the fuel cell when the cars return after each session. In addition, teams are authorised to attach fans to the car in the parc fermé.
- 7.2. When the cars are in the parc fermé, this person must request prior authorization from the FIA Technical Delegate on site and is only authorized to perform the action specified above.
- 7.3. This person will not count as far as Article 21.5 of the 2024 FIA F3 Sporting Regulations is concerned (team personnel limitation)

## 8) Observing yellow flags during free practice and qualifying

- 8.1. Single waved: Drivers reduce their speed and be prepared to change direction. It must be clear that a driver has reduced speed and, in order for this to be clear, a driver would be expected to have braked earlier and/or discernibly reduced speed in the relevant marshalling sector.
- 8.2. Double waved: Any driver passing through a double waved yellow marshalling sector must reduce speed significantly and be prepared to change direction or stop. In order for the stewards to be satisfied that any such driver has complied with these requirements it must be clear that the driver has not attempted to set a meaningful lap time. Furthermore, during free practice and qualifying, any driver in a double yellow sector will have that lap time cancelled.

## 9) Lapping during the race

- 9.1. The ISC requires drivers who are caught by another car about to lap him to allow the faster driver past at the first available opportunity. The F1 Marshalling System has been developed in order to ensure that the point at which a driver is shown blue flags is consistent, rather than trusting the ability of marshals to identify situations that require blue flags.
- 9.2. As it was at the end of last season the system will be set to give a pre-warning when the faster car is within 3.0s of the car about to be lapped, this should be used by the team of the slower car to warn their driver he is soon going to be lapped and that allowing the faster car through should be considered a priority. When the faster car is within 1.2s of the car about to be lapped blue flags will be shown to the slower car (in addition to blue light panels, blue cockpit lights and a message on the timing monitors) and the driver must allow the following driver to overtake at the first available opportunity.
- 9.3. It should be noted that the aim of using F1MS is ensure consistent application of the rules, additional instructions may also be given by race control when necessary.

## 10) Safety Car Procedure / End of VSC period

- 10.1. Art. 40.13 (...) In order to avoid the likelihood of accidents before the safety car returns to the pits, from the point at which the lights on the car are turned out drivers must proceed at a pace which involves no erratic acceleration or braking nor any manoeuvre which is likely to endanger other drivers or impede the restart. (...)
- 10.2. At the end of each VSC procedure, Drivers must follow their delta time until the "VSC" on



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the FIA Light panels have changed to green.

- 10.3. The positioning of the cars in both procedures (Safety Car and VSC) must comply with the below drawing
- 10.4. To reduce the risk of an incident at the restart, weaving is not permitted from the entrance of turn 18 until the driver passes the line.
- 10.5. The safety car may be instructed to use another track versions (for example the T9 motorbike version as in the picture below).



## 11) Qualifying

- 11.1. In accordance with the F3 Sporting Regulations Article 31.6, drivers must keep off racing line, keeping to a single file. When drivers are on the racing line, they must ensure they are travelling at a speed sufficient to not impede any drivers on a fast lap or anyone starting their fast lap.

## 12) Teams Guests

- 12.1. Teams are reminded that guests are included in the category of participants as defined in Article 20 of the International Sporting Code. At the same time, Article 9.15 from the International Sporting Code states that the competitor is responsible for all acts or omissions on the part of any person to whom the competitor has allowed access to the reserved area. The pit lane and the grid are reserved areas.

## Event Specific Instructions

### 13) Changes to the circuit

- New asphalt from exit Turn 17 until entry Turn 2 including the fast lane in the Formula 1 pit lane.
- New asphalt from exit Turn 4 until entry Turn 8.
- New asphalt from entry Turn 14 until exit Turn 15.
- New gate installed between Turn 1 and Turn 2 on LHS.
- Drainage improved between Turn 2 and Turn 3 on LHS in the run-off.
- Drainage improved in Turn 9.
- New combination kerb installed in Turn 9 on LHS.
- New opening installed in Turn 16 on RHS.
- Guardrail replaced with concrete walls and FIA fence in front of MP4C for 100m.
- Guardrail replaced with concrete walls and FIA fence in front of MP5 for 120m.
- Guardrail replaced with concrete walls and FIA fence in front of MP7B for 100m.
- Guardrail replaced with concrete walls and FIA fence in front of MP13 for 100m.
- Guardrail replaced with concrete walls and FIA fence in front of MP14 for 210m.
- Guardrail replaced with concrete walls and FIA fence in front of MP15 for 450m.
- New concrete wall at entry Turn 12 on LHS.
- The white line in Turn 1 on LHS has been moved further to the left to reduce the distance between the white line and the end of the kerb.

- The white line in Turn 7 on LHS has been moved further to the left to reduce the distance between the white line and the end of the kerb.
- The white line in Turn 9 on RHS has been moved further to the right to reduce the distance between the white line and the end of the kerb.
- The white line in Turn 13 on RHS has been moved further to the right to reduce the distance between the white line and the end of the kerb.
- The white line in Turn 14 on LHS has been moved further to the left to reduce the distance between the white line and the end of the kerb.
- The white line in Turn 15 on LHS has been moved further to the left to reduce the distance between the white line and the end of the kerb.

#### 14) Pit Lane

- 14.1. The pit lane speed limit is 60 km/h for the entire event.

#### 15) Pit Lane Barriers

- 15.1. F1 Teams have been instructed to ensure their barriers are no more than 3 meters from the garages.

#### 16) DRS

- 16.1. DRS Detection will be automatically disabled in each individual zone if any of the light panels in that zone are displaying yellow. The zones and corresponding light panels are as follows:
- a) DRS Activation 1: Panels 5, 6, 7.
  - b) DRS Activation 2: Panels 21, 1, 2.

#### 17) Practice starts.

- 17.1. Practice starts may be carried out on the RHS of the pit exit road after Turn 1 and before SC2 line. During this time any driver passing a car which has stopped to carry out a practice start may cross the white line referred to in article 18 below.



- 17.2. Practice starts may also be carried out on the F1 grid track at the end of free practice session. Any car on the track when the chequered flag is shown may then complete another lap and, instead of entering the pits, proceed to the grid and carry out a practice start.
- 17.3. Cars who are not doing practice start on the F1 grid must leave the track on the right at the exit of Turn 1 to enter the endurance pit lane immediately after chequered flag.
- 17.4. All drivers carrying out a practice start on the F1 grid must do so by pulling as far forward on the grid as possible and, if necessary, should wait for others to carry out a start before getting to a grid position further forward. Under no circumstances should a driver make a practice start if another car is still stationary in front of him on the same side of the grid.
- 17.5. If any driver appears to be disregarding any of the above a red flag will be displayed and the possibility to carry out any further starts will be immediately terminated.
- 17.6. After making the practice start, all cars must enter the endurance pitlane immediately. Pit exit light will turn green for the cars in the F1 pit lane to proceed to the endurance pitlane.



17.7. For reasons of safety and sporting equity, cars may not stop in the fast lane at any time the pit exit is open without a justifiable reason.

**18) Lines or bollards at the Pit Entry and Pit Exit.**

18.1. In accordance with Chapter 4, Article 4 and 6 of Appendix L to the ISC drivers must follow the procedures at pit entry and pit exit.

18.2. For safety reasons, overtaking is not allowed at the pit entry road after crossing Safety Car Line 1, unless in exceptional circumstances e.g., a slow car with an obvious mechanical problem.

18.3. For safety reasons drivers must keep to the right of the bollard at the pit entry when they are entering the pits.



**19) Reconnaissance Lap**

19.1. Cars will do a lap going straight to the grid once pit exit is open during the starting procedure of both races. For the avoidance of doubt, cars are not permitted to do more than 1 reconnaissance lap.

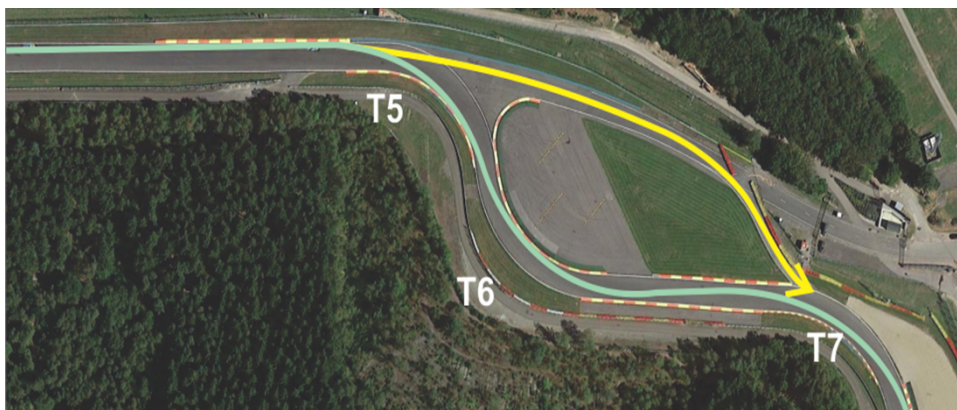
**20) Track Limits.**

20.1. In accordance with the provisions of Article 27.3, the white lines define the track edges. During Free Practice, Qualifying and the Races, each time a driver fails to negotiate with the track limits, this will result in that lap time being invalidated by the Stewards. Additionally, each time a driver exceeds the track limit at turn 19, the Stewards will invalidate that lap time and the immediate following lap time.

20.2. The fourth and following offences will be reported to the Stewards, regardless of having displayed the warning flag to the driver beforehand.

20.3. Escape road at turn 5

If a driver overshoots the corner at turn 5, there is a small road along the front of the tyre barrier which leads back onto the track at turn 7. Please ensure you use this when necessary and then re-join the track in a safe manner without gaining a lasting advantage.





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**21) Fire extinguishers around the circuit**

21.1. Indicated by white boards with a red fire extinguisher image attached to the debris fences and barriers.

**22) Places to remove cars from the track**

22.1. Indicated fluorescent orange panels/paintings on the barriers.

**23) Removing cars from the grid**

23.1. Cars may be removed through the gate in the pit wall adjacent to grid position 1.

**24) Car number light panels for the start**

24.1. On the left-hand side of the grid.

**25) Suspending a Race**

1.1. In case of a race suspension, cars will be stopped in the fast lane of the pits in front of the pit exit lights.

**26) General – End of Races**

26.1. The three podium cars must not be overtaken and must stay in front of the field to stop at the podium area in the pit lane. They will be under parc fermé conditions. For more information, please refer to the upcoming Race Director's Communication.

**27) Operational Staff – Clarification**

27.1. Article 22.12 For the avoidance of doubt, only Operational Staff members (all of whom shall be wearing pit wall identification and an armband as described in article 21.5) are allowed on the pit wall during practice sessions and the races.  
Team Principals (already considered as Non-Operational by the Sporting Regulations) and Team Owners will be exempted from this rule.  
No other team personnel are allowed on the pit wall.

Rui Marques  
Race Director  
FIA Formula 3 Championship



## Paddock departures and Return – Trolleys and Cars (V2)

### Departure from Support Paddock:

Teams have been allocated in the correct order for entry into the F1 pit lane, so please keep to this order for each transfer:

1. ART Grand Prix	6. MP Motorsport
2. AIX Racing	7. Campos Racing
3. Rodin Carlin	8. Hitech Pulse-Eight
4. Prema Racing	9. Jenzer Motorsport
5. Trident	10. VAR

Team trolleys and personnel on foot should go up the slope behind the F2 garages and enter the F1 pit lane through the gate adjacent to the last F1 garage. Trolleys should be turned around on arrival at their allocated pit location, ready for departure via the same route at the end of all sessions.

Race Cars will leave the support pitlane under power in the **reverse team order as above** and go on track to the F1 pit lane.

### Return to Support Paddock:

Teams and trolleys will leave the F1 pit lane through gate 42 at pit exit and return the way they arrived.

#### Race Cars:

At the end of the **practice session**, after taking the chequered flag, all cars should progressively slow down, and must leave the track on the right at the exit of Turn 1 to enter the endurance pit lane immediately. Cars who wish to do a practice start on the grid must complete the lap to come onto the F1 grid. Cars in the F1 pit lane can proceed to the end of the pit lane and exit to the endurance pit lane when pit exit is green.

At the end of the **qualifying session**, after taking the chequered flag, all cars should progressively slow down, and must leave the track on the right at the exit of Turn 1 to enter the endurance pit lane immediately. They must then proceed to the end of the pit lane and exit to the support paddock parc fermé area.

At the end of **both races** after taking the chequered flag, cars should progressively slow down, and must leave the track on the right at the exit of Turn 1 to enter the endurance pit lane immediately. They must then proceed to the end of the pit lane and exit to the support paddock parc fermé area. The podium cars must not be overtaken and must stay in front of the field to complete the lap to the F1 pit lane for the podium presentation where they will be under parc fermé conditions. The three podium cars will be returned to the support paddock by pit exit.

Any cars in the F1 pit lane at the time of the chequered flag must be driven onto the circuit to leave the track on the right at the exit of Turn 1 and enter the endurance pit lane immediately under parc fermé conditions to follow the above defined procedure.





## Pit Lane Procedures Times

Local marshals will be in control of trolley and race car movements so please follow their instructions. The timings below are approximate and for guidance only:

### **Friday – Practice (09:45 – 10:30)**

Trolleys ready to depart	09:00
Trolley released to F1 pits	approx. 09:30
Race cars released to F1 pits	approx. 09:35

### **Friday – Qualifying (15:05 – 15:35)**

Trolleys ready to depart	14:20
Trolley released to F1 pits	approx. 14:50
Race cars released to F1 pits	approx. 14:55

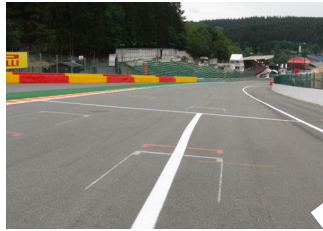
### **Saturday – Sprint Race (pit lane open 09:35)**

Trolleys ready to depart	08:50
Trolley released to F1 pits	approx. 09:20
Race cars released to F1 pits	approx. 09:25

### **Sunday – Feature Race (pit lane open 08:15)**

Trolleys ready to depart	07:30
Trolley released to F1 pits	approx. 08:00
Race cars released to F1 pits	approx. 08:05

Rui Marques  
FIA Formula 3 Race Director



SC2 Line

FIA Safety & Medical Car

F1 GARAGES

Pole RHS



Pit Lane Ends



Pit Lane Starts



SC1 Line

Pit Entry Status Panel

20

42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01
FOM	HAAS	HAAS	HAAS	RAB WIL	SAUBER	SAUBER	RACING BULLS	RACING BULLS	RACING BULLS	WILLIAMS RAB	WILLIAMS	WILLIAMS	WILLIAMS	ALPINE	ALPINE	ALPINE	ALPINE ASTON	ASTON MARTIN	ASTON MARTIN	ASTON MARTIN	ASTON MARTIN	WALKWAY	MCLAREN	MCLAREN	MCLAREN	MCLAREN FER	FERRARI	FERRARI	FERRARI	MERCEDES	MERCEDES	MERCEDES	RBR MER	RED BULL	RED BULL	RED BULL	FIA	FIA	FIA	FIA/FOM	FOM
VAR				Jenzer		Hitech		Campos			MP		Trident			Prema		Rodin		AIX		ART																			

FAST LANE

## SPA-FRANCORCHAMPS EVENT

25<sup>TH</sup> TO 28<sup>TH</sup> JULY 2024

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### TYRE SCHEDULE

(ART. 24.6. 2024 FORMULA 3 CHAMPIONSHIP SPORTING REGULATIONS)

- The Formula 3 tyre parc fermé is situated at the Pirelli service area
- No wet tyres will be allowed in the tyre parc fermé
- Wet tyres remain in possession of teams
- All tyres in the possession of teams must be visible to the Scrutineers at all times during the event
- The tyre pressure and temperature master gauge is available at the FIA F2 weigh platform area

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**Thursday 25<sup>th</sup> July**

**12:00** All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

**17:30** All dry tyres must be deposited in the FIA Formula 3 tyre parc fermé

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**Friday 26<sup>th</sup> July**

**07:45** All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

**2 h after end of car Parc fermé**

All dry NEW and all USED tyres must be deposited in the FIA Formula 3 tyre parc fermé

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**Saturday 27<sup>th</sup> July**

**07:35** All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

**2 h after end of car Parc fermé**

All dry NEW and all USED tyres must be deposited in the FIA Formula 3 tyre parc fermé

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**Sunday 28<sup>th</sup> July**

**06:15** All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

**2 h after end of car Parc fermé**

All tyres must be returned to the Pirelli service area

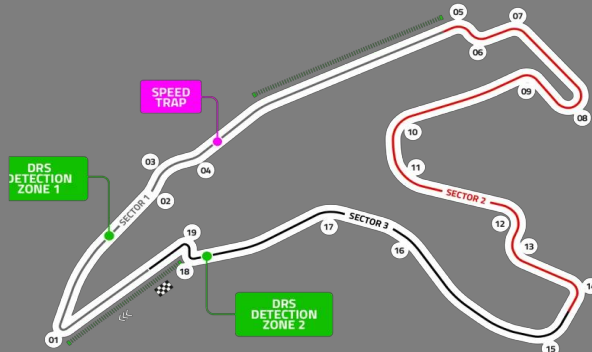
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In accordance with Articles 12.9. and 12.10. of the F3 Technical Regulations, this document contains the prescriptions for the operation of tyres during the following event.

Document Version 1, Issue A

## Grand Prix of Belgium - 26/07/24 - (24F3R09SPA)

### Circuit Layout



Please note, track map is from the official Formula website and for display purposes only.

### Compounds Selection

Compound	FL	FR	RL	RR
<b>Medium</b>	SL4	SL4	SL5	SL5
<b>Wet</b>	SO0	SO1	SO2	SO3

Sets	Carry Over
<b>3</b>	<b>Hard 1 set carried to next event</b>
<b>2</b>	

### Prescriptions and Wear Life

#### Minimum pressures (psi)

	Rear (psi)	Front (psi)	
<b>Slicks</b>	14.0	14.0	<b>Slicks</b>
<b>Wets</b>	13.0	14.0	<b>Wets</b>

#### Minimum Cambers (degrees)

##### Rear Camber Limits

**FP & Q** -3°

**Race** -3°

##### Front Camber Limits

-4.75° **FP & Q**

-4.25° **Race**



#### Wear (from 23R09SPA Race)

<b>Medium</b>	N/A	N/A	<b>Medium</b>
	Rear avg @ 15 Laps	Front avg @ 15 Laps	

### Tyre Notes

- Not permitted to switch tyres from their allocated position.
- Do not subject tyres to large deformation or impact.
- Revised prescriptions could be issued at any time during the weekend in accordance with the FIA F3 Sporting Regulations.
- Tyre pressure will be monitored in accordance with procedure outlined in the team FTP area.

- Teams are kindly asked present **Wet** rims to the Pirelli Service Area by 13:00 for initial fitting on 24/07.
- Teams are kindly asked present **Slick** rims to the Pirelli Service Area by 07:30 for initial fitting on 25/07.
- Teams are reminded to remove their rims as soon as possible from the fitting area after sets have been returned.
- Teams are reminded a balancer will be made available until the last tyre is stripped on the final day, to check rims for damage.

### General notes

Teams are kindly reminded that the following parameters will be subjected to FIA checks during the event:

- Minimum tyre pressure
- Static Camber
- Tyre allocation and Tyre swapping