

# 2022 FRENCH GRAND PRIX

## 21 - 24 July 2022

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<b>From</b>	The FIA Formula One Technical Delegate	<b>Document</b>	53
<b>To</b>	The Stewards	<b>Date</b>	24 July 2022
		<b>Time</b>	18:48

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### Technical Delegate's Report

#### Before the race:

The uppermost rear wing element adjustable positions were checked on car number 01.

A front wing deflection test was carried out on car numbers 63, 14, 10 and 05.

A front wing flap deflection test was carried out on car numbers 63, 14, 10 and 05.

On the grid it was checked that all cars had fitted their tyres when the 5-Minutes signal was given.

On the grid the temperature of the LHS and RHS front and rear tyre was checked on car numbers 63, 44, 01, 11, 16, 55, 04, 14, 22, 18, 23 and 47.

On the grid the minimum tyre starting pressure of the LHS and RHS front and rear tyre was checked on all cars.

#### After the race:

The following cars were weighed:

<b>Number</b>	<b>Car</b>	<b>Driver</b>
63	Mercedes	George Russell
44	Mercedes	Lewis Hamilton
01	Red Bull Racing RBPT	Max Verstappen
11	Red Bull Racing RBPT	Sergio Perez
55	Ferrari	Carlos Sainz
03	McLaren Mercedes	Daniel Ricciardo
04	McLaren Mercedes	Lando Norris

14	Alpine Renault	Fernando Alonso
31	Alpine Renault	Esteban Ocon
10	AlphaTauri RBPT	Pierre Gasly
18	Aston Martin Mercedes	Lance Stroll
05	Aston Martin Mercedes	Sebastian Vettel
23	Williams Mercedes	Alexander Albon
77	Alfa Romeo Racing Ferrari	Valtteri Bottas
24	Alfa Romeo Racing Ferrari	Zhou Guanyu
47	Haas Ferrari	Mick Schumacher

The steering wheel of all classified cars has been checked.

The following aerodynamic component or bodywork areas were checked on car numbers 63, 11, 04 and 14:

- Floor Body - TR Article 3.5.1
- Floor Fences - TR Article 3.5.2
- Floor Edge Wing - TR Article 3.5.3
- Nose - TR Article 3.6.1
- Forward Chassis - TR Article 3.6.2
- Mid Chassis - TR Article 3.6.3
- Sidepod - TR Article 3.7.1
- Coke Panel - TR Article 3.7.2
- Engine Cover - TR Article 3.7.3
- Front Wing Endplate body - TR Article 3.9.2
- Front Wing Tip - TR Article 3.9.3
- Front Wing Diveplane - TR Article 3.9.4
- Front Wing Endplate - TR Article 3.9.5
- Rear Wing Profiles - TR Article 3.10.1
- Rear Wing Beam - TR Article 3.10.3
- Rear Wing Endplate Body - TR Article 3.10.4
- Rear Wing Tip - TR Article 3.10.5
- Rear Wing Endplate - TR Article 3.10.7

The minimum plank thickness was checked on car numbers 04, 18 and 23.

The oil consumption was checked on car numbers 44, 01, 55, 03, 04, 14, 23 and 77.

The plenum temperature was checked on all cars.

The IVT code and calibration checksums were checked on all cars.

The IVT temperatures were checked on all cars.

The ES state of charge on-track limits were checked on all cars.

The lap energy release and recovery limits were checked on all cars.

The MGU-K power limits were checked on all cars.

The maximum MGU-K speed was checked on all cars.

The maximum MGU-K torque was checked on all cars.

The maximum MGU-H speed was checked on all cars.

The session type has been confirmed for all cars.

Chassis FIA checksum was checked on all cars taking part in the race.

The torque coordinator demands were checked on car numbers 44, 01, 55, 03, 04, 14, 23 and 77.

The torque control was checked on car numbers 44, 01, 55, 03, 04, 14, 23 and 77.

The rear brakes pressure control was checked on all cars.

The brake temperature warnings were checked on all cars.

The race start data of all cars have been checked.

Single clutch paddle use for the race start has been checked on all cars.

The MGU-K use at the race start was checked on all cars.

It was checked on all cars that the ES was not charged while the car was stationary in the pits.

It was checked that no car exceeded 60 km/h when leaving the formation grid prior to the start of the race.

It was verified on all cars that the PCU dash display configuration was not changed during Parc Fermé.

The tyre starting pressures of all cars during the race were checked.

The tyres used by all drivers during the race today have been checked.

The fuel pressure of all cars during the race was checked.

The logged pressure within the engine cooling system during the race was checked on all cars.

All car weights and the items checked were found to be in conformity with the 2022 FIA Formula One Technical Regulations.

**Jo Bauer**

**The FIA Formula One Technical Delegate**