



## 2022 CANADIAN GRAND PRIX

16 - 19 June 2022

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	3
<b>To</b>	All Teams, All Officials	<b>Date</b>	16 June 2022
		<b>Time</b>	13:10

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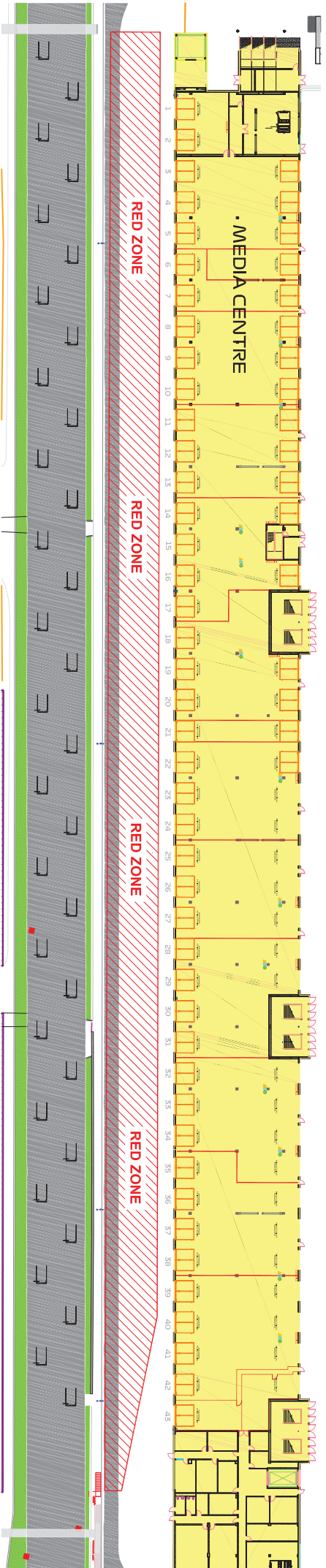
**Title** Event Notes - Red Zone and Pirelli Preview

**Description** Event Notes - Red Zone and Pirelli Preview

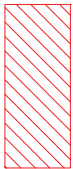
**Enclosed** CAN DOC 3 - Red Zone and Pirelli Preview.pdf

**Eduardo Freitas**

**The FIA Formula One Race Director**



**PHOTOGRAPHERS  
EXCLUSION RED ZONE**

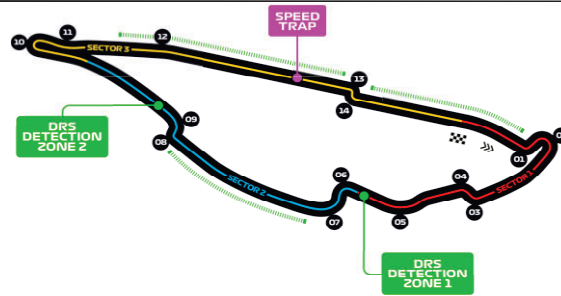


**FORMULA 1 GRAND PRIX DU CANADA 2022 - Montreal**

In agreement with the FIA and in accordance with Article 24.4 a) of the F1 Sporting Regulations, this document contains the prescriptions for the operation of tyres during the following event.

Document version: 1 issue: A

## Grand Prix of Canada 17/06-19/06/2022 (22R09MTL)



### Compounds selection

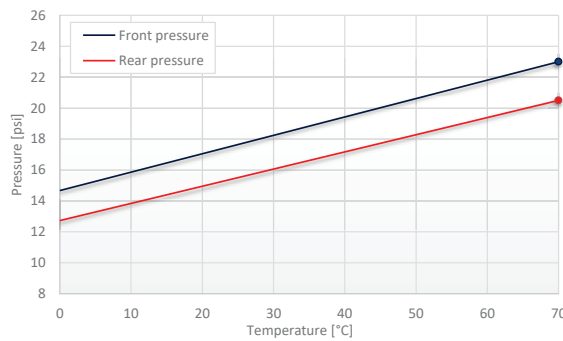
Compound	FL	FR	RL	RR	Mandatory race tyres
<b>C3</b>	3X1	3X2	3X3	3X4	<b>C3</b>
<b>C4</b>	4G1	4G2	4G3	4G4	<b>C4</b>
<b>C5</b>	5Z1	5Z2	5Z3	5Z4	<b>C5</b>
<b>Intermediate</b>	9G1	9G2	9G3	9G4	<b>Q3 tyre</b>
<b>Wet</b>	95B	96B	97B	98B	<b>C5</b>

### Prescriptions

#### Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	23.0 psi	23.0 psi	22.0 psi	≥25.0 psi	-3.25°
<b>Rear</b>	20.5 psi	20.5 psi	19.5 psi	≥22.5 psi	-2.00°

#### Cold Pressure Cooling Curve



$$P_{front} = (T - 70) \cdot 0.119 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.111 + P_{startr}$$

*P<sub>startf</sub>*: Minimum starting pressure on the front axle [psi]

*P<sub>startr</sub>*: Minimum starting pressure on the rear axle [psi]

*T*: Tyre temperature [°C]

#### Maximum heating times and temperatures (tread & sidewall)

Temperature	0	40	60	70 (°C)
<b>Slicks</b>	max. 3h			
<b>Intermediate</b>	max. 2h			
<b>Wet</b>	max. 2h			

- Temperatures refer to tyre tread and side wall temperatures, not blanket or controller set-point temperatures.
- Tyres may only be heated prior to the session in which they are intended to be used.
- The temperatures apply at all times during the event.

### Tyres notes

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|---|--|
| <ul style="list-style-type: none"> <li>• Not permitted to switch tyres from their originally allocated position.</li> <li>• Do not subject tyres to large deformation or heavy impact.</li> <li>• Do not leave fitted tyres exposed at an air temperature lower than 15°C and/or any UV emission.</li> <li>• Revised prescriptions could be issued during the race weekend in accordance with TD003.</li> </ul> | <ul style="list-style-type: none"> <li>• Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003</li> <li>• Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003</li> <li>• BLANKET HEATING TIME for each temperature range to be counted from the moment the blanket control unit is set to reach its targeted temperature within its correspondent interval.</li> </ul> |
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### General notes

- Teams are kindly reminded that the following will be subject to FIA checks during the event:
- Starting pressures
  - Cold pressures (according to the cold pressure cooling curves)
  - Re-heat pressures
  - EOS Camber
  - Maximum tyre temperatures in blankets
  - Tyre swapping