

# 2023 MIAMI GRAND PRIX

05 - 07 May 2023

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	1
<b>To</b>	All Teams, All Officials	<b>Date</b>	03 May 2023
		<b>Time</b>	11:40

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**Title** Event Notes - Pirelli Preview

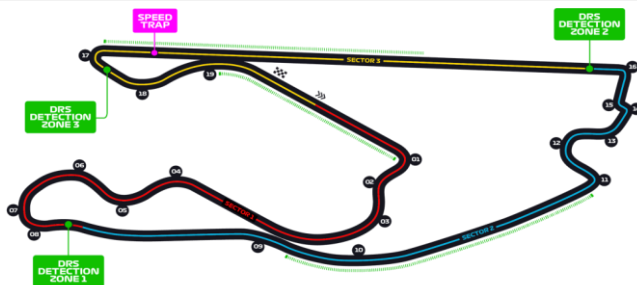
**Description** Pirelli Preview

**Enclosed** MIA DOC 1 - Pirelli Preview.pdf

**Niels Wittich**

**The FIA Formula One Race Director**

**Grand Prix of Miami 05/05-07/05/2023 (23R05MIA)**



**Compounds selection**

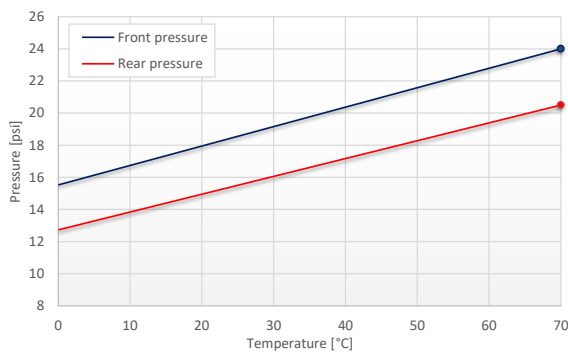
Compound	FL	FR	RL	RR	Mandatory race tyres
<b>C2</b>	2K1	2K2	2K3	2K4	<b>C2</b>
<b>C3</b>	3L1	3L2	3L3	3L4	<b>C3</b>
<b>C4</b>	4N1	4N2	4N3	4N4	
<b>Intermediate</b>	9G1	9G2	9G3	9G4	<b>Q3 tyre</b>
<b>Wet</b>	95B	96B	97B	98B	<b>C4</b>

**Prescriptions**

**Pressures & camber**

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	24.0 psi	24.5 psi	23.5 psi	≥26.5 psi	-3.25°
<b>Rear</b>	20.5 psi	21.0 psi	20.0 psi	≥23.0 psi	-1.75°

**Cold Pressure Cooling Curve**



$$P_{front} = (T - 70) \cdot 0.121 + P_{startf}$$

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

*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. 2h			
<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**

- Not permitted to switch tyres from their originally allocated position.
- Do not subject tyres to large deformation or heavy impact.
- Do not leave fitted tyres exposed at an air temperature lower than 10°C and/or any excessive UV emission.
- Revised prescriptions could be issued during the race weekend in accordance with TD003.
- Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003
- Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003
- 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.

**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 and times in blankets
- Tyre swapping