



2023 LAS VEGAS GRAND PRIX

16 - 18 November 2023

From	The FIA Formula One Race Director	Document	1
To	All Teams, All Officials	Date	14 November 2023
		Time	19:05

Title Event Notes - Pirelli Preview

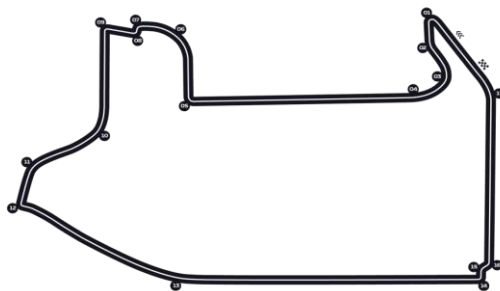
Description Pirelli Preview

Enclosed LAS DOC 1 - Pirelli Preview.pdf

Niels Wittich

The FIA Formula One Race Director

Grand Prix of Las Vegas 16/11-18/11/2023 (23R22LAS)



Compounds selection

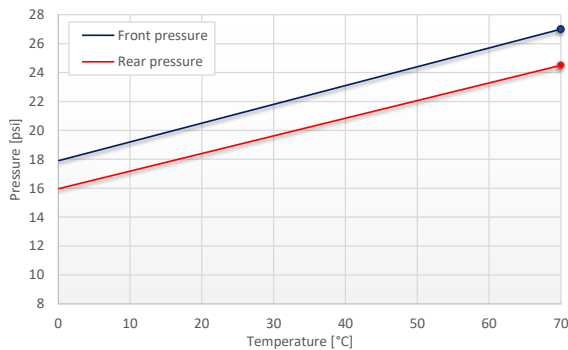
Compound	FL	FR	RL	RR	Mandatory race tyres
C3	3T1	3T2	3T3	3T4	C3
C4	4U1	4U2	4U3	4U4	C4
C5	5V1	5V2	5V3	5V4	
Intermediate	9G5	9G6	9G3	9G4	Q3 tyre
Wet	95R	96R	97R	98R	C5

Prescriptions

Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
Front	27.0 psi	27.5 psi	22.0 psi	≥28.5 psi	-3.00°
Rear	24.5 psi	25.5 psi	20.5 psi	≥26.0 psi	-1.75°

Cold Pressure Cooling Curve



$$P_{front} = (T - 70) \cdot 0.13 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.122 + P_{startr}$$

P_{startf}: Minimum starting pressure on the front axle [psi]

P_{startr}: Minimum starting pressure on the rear axle [psi]

T: Tyre temperature [°C]

Maximum heating times and temperatures (tread & sidewall)

Temperature	0	60	70 (°C)
Slicks	max. 2h		
Intermediate	max. 2h		
Wet	No blankets allowed		

- 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

<ul style="list-style-type: none"> • 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. • Cut-off time for fitting tyres at an event on sunday morning: 4 hours prior to the race start 	<ul style="list-style-type: none"> • 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.
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General notes

<p>Teams are kindly reminded that the following will be subject to FIA checks during the event:</p> <ul style="list-style-type: none"> • 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
