



FIA FORMULA 1 WORLD CHAMPIONSHIP



2024 UNITED STATES GRAND PRIX

18 - 20 October 2024

From	The FIA Formula One Race Director	Document	1
To	All Teams, All Officials	Date	16 October 2024
		Time	11:00

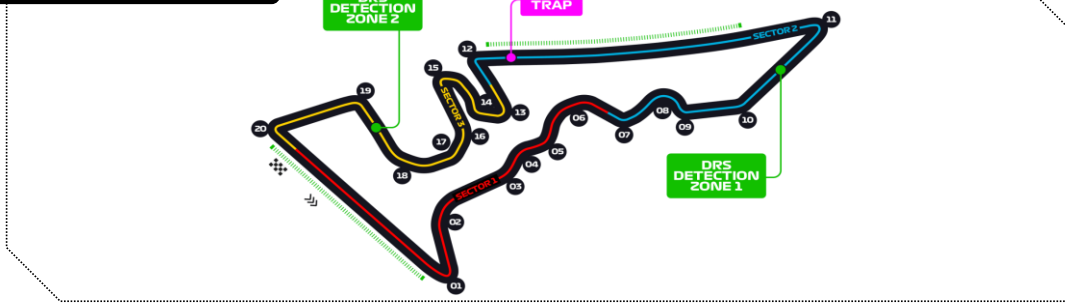
Title Event Notes - Pirelli Preview
Description Pirelli Preview
Enclosed 24R19TEX Preview - Issue B.pdf

Niels Wittich

The FIA Formula One Race Director

Grand Prix of United States 18/10-20/10/2024 (24R19TEX)

Circuit Layout



Compounds selection

Compound	FL	FR	RL	RR
C2	2F1	2F2	2F3	2F4
C3	3P1	3P2	3P3	3P4
C4	4S1	4S2	4S3	4S4
Intermediate	MW1	MW2	MW3	MW4
Wet	XW1	XW2	XW3	XW4

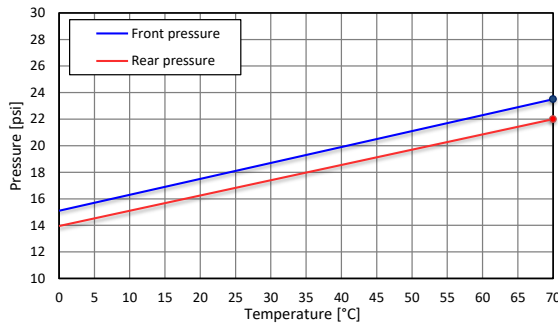
Mandatory race tyres
C2
C3

Prescriptions

Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
Front	23.5 psi	22.5 psi	20.5 psi	≥26.0 psi	-3.00°
Rear	22.0 psi	22.5 psi	20.0 psi	≥24.5 psi	-1.75°

Cold Pressure Cooling Curve



$$P_{front} = (T - 70) \cdot 0.12 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.115 + P_{startr}$$

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.

Tyre 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.
- Cut-off time for fitting tyres at an event on sunday morning: 4 hours prior to the race start
- Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the 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
- Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003

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