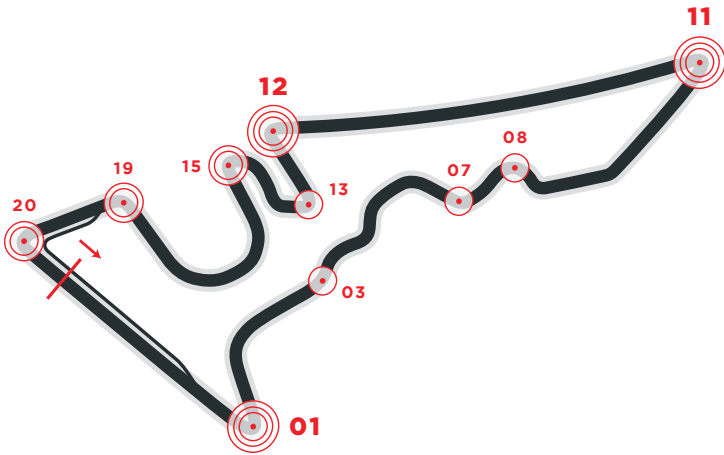




2022 MOTOGP RED BULL GRAND PRIX OF THE AMERICAS



08-10 APR 2022



BRAKE CIRCUIT IDENTITY CARD

MotoGP heads to the USA to race for the ninth time at the Circuit of the Americas.

The Austin track underwent significant work in January with surface reinforcement and new asphalt in the first and third sector. This means that the bumps will be less evident with obvious advantages in braking as well thanks to greater grip.

Should you publish any of the data contained here please quote Brembo as source used.

BRAKES EFFORT MEDIUM

TIME SPENT BRAKING 30%

TURN 12*, TURN 01* AND TURN 11* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH 5.513 M

NUMBER OF LAPS 20

NUMBER OF BRAKE ZONES/LAP 10

TURN 01	Initial speed	308	(Km/h)
	Final speed	59	(Km/h)
	Stopping distance	243	(m)
	Braking time	5.7	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	6.4	(Kg)

TURN 03	Initial speed	208	(Km/h)
	Final speed	164	(Km/h)
	Stopping distance	125	(m)
	Braking time	2.4	(sec)
	Maximum deceleration	0.6	(g)
	Max force on lever	1.7	(Kg)

TURN 07	Initial speed	144	(Km/h)
	Final speed	123	(Km/h)
	Stopping distance	43	(m)
	Braking time	1.5	(sec)
	Maximum deceleration	0.6	(g)
	Max force on lever	1.5	(Kg)

TURN 08	Initial speed	148	(Km/h)
	Final speed	104	(Km/h)
	Stopping distance	72	(m)
	Braking time	2.1	(sec)
	Maximum deceleration	0.8	(g)
	Max force on lever	3.2	(Kg)

TURN 11	Initial speed	249	(Km/h)
	Final speed	58	(Km/h)
	Stopping distance	197	(m)
	Braking time	5.1	(sec)
	Maximum deceleration	1.4	(g)
	Max force on lever	5.4	(Kg)

TURN 12	Initial speed	339	(Km/h)
	Final speed	65	(Km/h)
	Stopping distance	323	(m)
	Braking time	6.8	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5.6	(Kg)

TURN 13	Initial speed	163	(Km/h)
	Final speed	80	(Km/h)
	Stopping distance	95	(m)
	Braking time	3.1	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	3.8	(Kg)

TURN 15	Initial speed	159	(Km/h)
	Final speed	63	(Km/h)
	Stopping distance	96	(m)
	Braking time	3.5	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4	(Kg)

TURN 19	Initial speed	200	(Km/h)
	Final speed	118	(Km/h)
	Stopping distance	125	(m)
	Braking time	3	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	3.9	(Kg)

TURN 20	Initial speed	203	(Km/h)
	Final speed	73	(Km/h)
	Stopping distance	130	(m)
	Braking time	3.8	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	5.3	(Kg)