

WSBK 2019

GEICO US ROUND



**BRAKE CIRCUIT
IDENTITY CARDS**

12-14 JUL 2019

BRAKE EFFORT **MEDIUM**

TIME SPENT BRAKING **31%**



brembo DATA

The Laguna Seca circuit is fairly demanding for the Superbike braking systems even if the Brembo brakes are used 10 times on each lap. Only the Andretti Hairpin (turn 2) is particularly demanding on the Brembo braking system: here the bikes go from 256 km/h (159 mph) to 74 km/h (46 mph) in about 182 meters (597 feet), forcing the pilots to apply a force on the brake lever equal to 4.5 kg (9.9 lbs).

CIRCUIT DATA

Length: **3,610 m**
Number of brakings: **10**

IMPORTANT

TURN 02* is considered the most demanding for the braking system

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

02*	
Initial speed	256 (Km/h)
Final speed	74 (Km/h)
Stopping distance	182 (m)
Braking time	4.4 (sec)
Maximum deceleration	1.3 (g)
Max force on lever	4.5 (Kg)

03	
Initial speed	175 (Km/h)
Final speed	102 (Km/h)
Stopping distance	94 (m)
Braking time	2.6 (sec)
Maximum deceleration	1 (g)
Max force on lever	4.3 (Kg)

04	
Initial speed	190 (Km/h)
Final speed	132 (Km/h)
Stopping distance	86 (m)
Braking time	1.9 (sec)
Maximum deceleration	1.1 (g)
Max force on lever	4.6 (Kg)

05	
Initial speed	232 (Km/h)
Final speed	105 (Km/h)
Stopping distance	150 (m)
Braking time	3.4 (sec)
Maximum deceleration	1.2 (g)
Max force on lever	4.0 (Kg)

06	
Initial speed	220 (Km/h)
Final speed	134 (Km/h)
Stopping distance	118 (m)
Braking time	2.5 (sec)
Maximum deceleration	1.1 (g)
Max force on lever	4.6 (Kg)

07	
Initial speed	231 (Km/h)
Final speed	137 (Km/h)
Stopping distance	101 (m)
Braking time	2 (sec)
Maximum deceleration	1.3 (g)
Max force on lever	5.1 (Kg)

08	
Initial speed	130 (Km/h)
Final speed	71 (Km/h)
Stopping distance	59 (m)
Braking time	2.1 (sec)
Maximum deceleration	1 (g)
Max force on lever	3.8 (Kg)

09	
Initial speed	171 (Km/h)
Final speed	125 (Km/h)
Stopping distance	73 (m)
Braking time	1.7 (sec)
Maximum deceleration	1 (g)
Max force on lever	3.3 (Kg)

10	
Initial speed	185 (Km/h)
Final speed	127 (Km/h)
Stopping distance	81 (m)
Braking time	2 (sec)
Maximum deceleration	1.1 (g)
Max force on lever	4.3 (Kg)

11	
Initial speed	190 (Km/h)
Final speed	62 (Km/h)
Stopping distance	116 (m)
Braking time	3.5 (sec)
Maximum deceleration	1.2 (g)
Max force on lever	4.7 (Kg)