

## Circuits Identity Card

### USA | LAGUNA SECA

### 21 JUL 2013



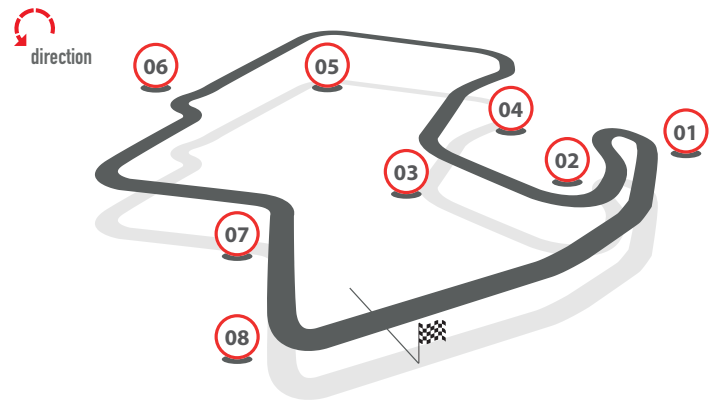
## International Circuit

- The California circuit is one of the most spectacular of the MotoGP motorcycle panorama with several rather demanding points for the brakes which engage the drive fully 24% of the time during the lap.
- A particular feature is the first cut out after the finish line which, besides being the most demanding of the circuit, is also slightly downhill. This aspect forces the drive to very carefully modulate the braking as can be seen by the limited G-Force to which the drive is subjected (-1.1 G) and the long braking distance (328 metres).

## Circuit Data

- Length: 3,610 m
- Number of laps: 32
- Type of circuit: Medium
- Number of brakings: 8
- Time spent under braking per lap: 24%

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



### 01

Initial speed	277	(Km/h)
Final speed	105	(Km/h)
Stopping distance	326	(m)
Braking time	6.1	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.3	(Kg)

### 02

Initial speed	217	(Km/h)
Final speed	126	(Km/h)
Stopping distance	91	(m)
Braking time	2.4	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.2	(Kg)

### 03

Initial speed	225	(Km/h)
Final speed	152	(Km/h)
Stopping distance	121	(m)
Braking time	2.6	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	4.8	(Kg)

### 04

Initial speed	266	(Km/h)
Final speed	132	(Km/h)
Stopping distance	184	(m)
Braking time	4.1	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	4.3	(Kg)

### 05

Initial speed	246	(Km/h)
Final speed	152	(Km/h)
Stopping distance	175	(m)
Braking time	3.6	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	5.0	(Kg)

### 06

Initial speed	266	(Km/h)
Final speed	102	(Km/h)
Stopping distance	251	(m)
Braking time	5.9	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	4.2	(Kg)

### 07

Initial speed	215	(Km/h)
Final speed	147	(Km/h)
Stopping distance	118	(m)
Braking time	2.8	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.2	(Kg)

### 08

Initial speed	228	(Km/h)
Final speed	81	(Km/h)
Stopping distance	144	(m)
Braking time	4.2	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.0	(Kg)