

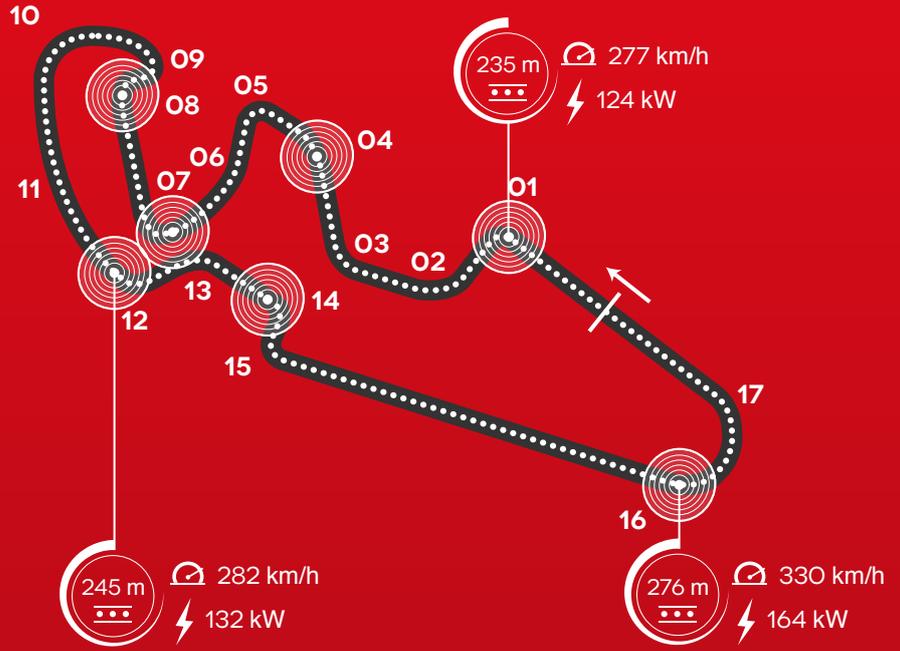
**MOTORLAND ARAGON
(ALCAÑIZ)**

BRAKE CATEGORIZATION MEDIUM

TIME SPENT BRAKING 22%

BRAKING ENERGY PRODUCED BY A BIKE DURING THE GP 5.3 kWh

INITIAL SPEED STOPPING DISTANCE



CIRCUIT DATA

Length: 5,078 m
Number of laps: 28
Number of brakings: 7

COMMENTO

Only inaugurated in 2010 it is considered quite a technical and rather demanding track for brakes since, especially in the first part of the track, it does not allow the braking systems to cool properly. Despite the most demanding cut out is on Curve 16 where the motorcycles undergo a deceleration of close to -1.6 g, the most critical part is the mixed one where the sequence of smaller cut outs close together can put the brakes into crisis.

01

Initial speed	277	(Km/h)
Final speed	96	(Km/h)
Stopping distance	235	(m)
Braking time	5.4	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.7	(Kg)

07

Initial speed	231	(Km/h)
Final speed	91	(Km/h)
Stopping distance	181	(m)
Braking time	4.5	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	4.4	(Kg)

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Initial speed	282	(Km/h)
Final speed	108	(Km/h)
Stopping distance	245	(m)
Braking time	5.1	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	5.5	(Kg)

16

Initial speed	330	(Km/h)
Final speed	166	(Km/h)
Stopping distance	276	(m)
Braking time	4.5	(sec)
Maximum deceleration	1.6	(g)
Max force on lever	6.0	(Kg)

04

Initial speed	226	(Km/h)
Final speed	189	(Km/h)
Stopping distance	109	(m)
Braking time	2.1	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	3.8	(Kg)

08

Initial speed	262	(Km/h)
Final speed	91	(Km/h)
Stopping distance	164	(m)
Braking time	4.7	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	4.4	(Kg)

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Initial speed	200	(Km/h)
Final speed	103	(Km/h)
Stopping distance	153	(m)
Braking time	4.2	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	4.6	(Kg)