



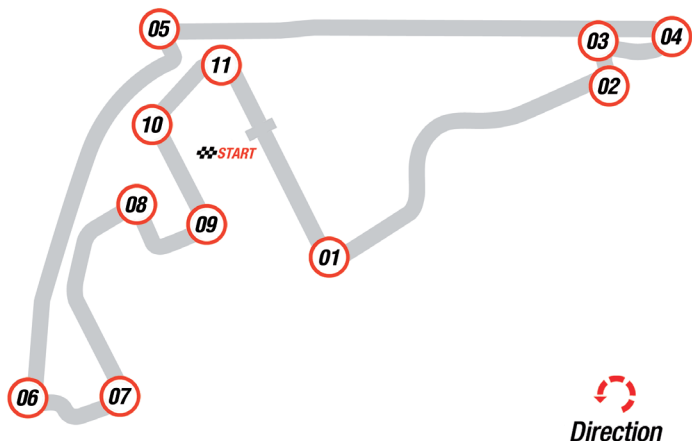
Circuits Identity Card

Formula 1

Abu Dhabi | Yas Marina

01/11/2009

2009



International Circuit



- Length: **5.554 m**
- Number of laps: **55**
- Type of circuit: **Medium**
- Number of brakings: **11**
- Pole 2008: -
- Time spent under braking per lap: -
- Expected time spent under brake on 2009: **14%**

01

SEASON DATA
2008

FORECAST DATA
2009

Initial speed	-	277,3	[Km/h]
Final speed	-	159,8	[Km/h]
Stopping distance	-	66,26	[m]
Braking time	-	1,137	[sec]
Maximum deceleration	-	4,3	[g]
Maximum pedal load	-	114	[Kg]
Braking power	-	1.661	[KW]

02

Initial speed	-	285	[Km/h]
Final speed	-	120	[Km/h]
Stopping distance	-	93	[m]
Braking time	-	1,79	[sec]
Maximum deceleration	-	4,5	[g]
Maximum pedal load	-	118	[Kg]
Braking power	-	1.780	[KW]

03

Initial speed	-	129	[Km/h]
Final speed	-	115	[Km/h]
Stopping distance	-	9	[m]
Braking time	-	0,27	[sec]
Maximum deceleration	-	1,8	[g]
Maximum pedal load	-	41	[Kg]
Braking power	-	270	[KW]

04

Initial speed	-	156	[Km/h]
Final speed	-	84	[Km/h]
Stopping distance	-	41	[m]
Braking time	-	1,27	[sec]
Maximum deceleration	-	2,1	[g]
Maximum pedal load	-	51	[Kg]
Braking power	-	404	[KW]

05

Initial speed	-	304	[Km/h]
Final speed	-	74	[Km/h]
Stopping distance	-	128	[m]
Braking time	-	2,89	[sec]
Maximum deceleration	-	5,0	[g]
Maximum pedal load	-	132	[Kg]
Braking power	-	2.115	[KW]

06

Initial speed	-	297	[Km/h]
Final speed	-	90	[Km/h]
Stopping distance	-	115	[m]
Braking time	-	2,43	[sec]
Maximum deceleration	-	4,8	[g]
Maximum pedal load	-	126	[Kg]
Braking power	-	1.977	[KW]

07

Initial speed	-	182	[Km/h]
Final speed	-	131	[Km/h]
Stopping distance	-	31	[m]
Braking time	-	0,73	[sec]
Maximum deceleration	-	2,5	[g]
Maximum pedal load	-	60	[Kg]
Braking power	-	580	[KW]

08

Initial speed	-	250	[Km/h]
Final speed	-	107	[Km/h]
Stopping distance	-	87	[m]
Braking time	-	1,88	[sec]
Maximum deceleration	-	3,7	[g]
Maximum pedal load	-	94	[Kg]
Braking power	-	1.254	[KW]

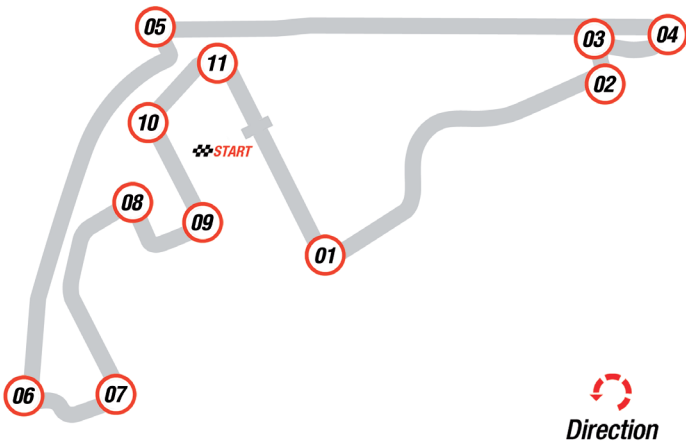


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09

SEASON DATA 2008 FORECAST DATA 2009

Initial speed	-	169	[Km/h]
Final speed	-	142	[Km/h]
Stopping distance	-	17	[m]
Braking time	-	0,39	[sec]
Maximum deceleration	-	2,3	[g]
Maximum pedal load	-	54	[Kg]
Braking power	-	475	[KW]

10

Initial speed	-	239	[Km/h]
Final speed	-	219	[Km/h]
Stopping distance	-	13	[m]
Braking time	-	0,21	[sec]
Maximum deceleration	-	3,5	[g]
Maximum pedal load	-	91	[Kg]
Braking power	-	1.153	[KW]

11

Initial speed	-	225	[Km/h]
Final speed	-	150	[Km/h]
Stopping distance	-	45	[m]
Braking time	-	0,88	[sec]
Maximum deceleration	-	3,2	[g]
Maximum pedal load	-	81	[Kg]
Braking power	-	961	[KW]