



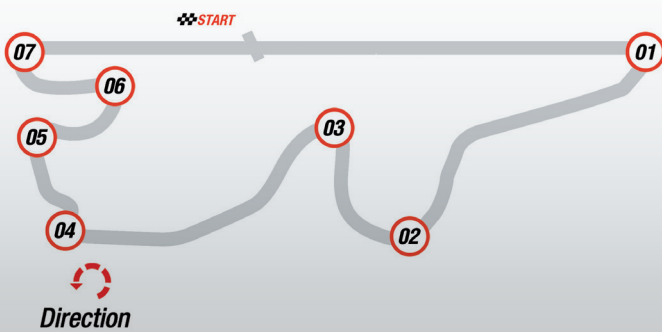
Circuits Identity Card

Formula 1

Japan | Fuji

12/10/2008

2008



International Circuit



- ▶ Length: **4.563 m**
- ▶ Number of laps: **67**
- ▶ Type of circuit: **Light**
- ▶ Number of brakings: **7**
- ▶ Pole 2007: **L. Hamilton - McLaren 1'25"368**
- ▶ Time spent under braking per lap: **16%**
- ▶ Expected time spent under brake on 2008: **14%**

BRAKING ANALYSIS

01

	SEASON DATA 2007	FORECAST DATA 2008	
Initial speed	325	323	[Km/h]
Final speed	110	80	[Km/h]
Stopping distance	150	146	[m]
Braking time	2,80	3,28	[sec]
Maximum deceleration	4,9	4,6	[g]
Maximum disc temperature	-	939	°C
Maximum pedal load	-	135	[Kg]

02

Initial speed	280	282	[Km/h]
Final speed	190	231	[Km/h]
Stopping distance	50	54	[m]
Braking time	1,05	0,76	[sec]
Maximum deceleration	4,1	2,6	[g]
Maximum disc temperature	-	667	°C
Maximum pedal load	-	77	[Kg]

03

Initial speed	251	259	[Km/h]
Final speed	126	136	[Km/h]
Stopping distance	85	100	[m]
Braking time	1,83	1,93	[sec]
Maximum deceleration	3,6	2,8	[g]
Maximum disc temperature	-	712	°C
Maximum pedal load	-	88	[Kg]

04

Initial speed	300	300	[Km/h]
Final speed	145	65	[Km/h]
Stopping distance	85	128	[m]
Braking time	1,48	3,09	[sec]
Maximum deceleration	4,4	4,3	[g]
Maximum disc temperature	-	981	°C
Maximum pedal load	-	133	[Kg]

05

Initial speed	220	199	[Km/h]
Final speed	140	131	[Km/h]
Stopping distance	50	63	[m]
Braking time	0,99	1,40	[sec]
Maximum deceleration	3,1	1,9	[g]
Maximum disc temperature	-	601	°C
Maximum pedal load	-	56	[Kg]

06

Initial speed	200	195	[Km/h]
Final speed	115	97	[Km/h]
Stopping distance	100	96	[m]
Braking time	2,34	2,37	[sec]
Maximum deceleration	2,5	1,8	[g]
Maximum disc temperature	-	568	°C
Maximum pedal load	-	56	[Kg]

07

Initial speed	205	215	[Km/h]
Final speed	133	108	[Km/h]
Stopping distance	70	86	[m]
Braking time	1,86	2,05	[sec]
Maximum deceleration	2,8	2,4	[g]
Maximum disc temperature	-	582	°C
Maximum pedal load	-	70	[Kg]