



BRAKE CIRCUIT IDENTITY CARD

For the ninth time running, the Formula 1 world championship has come to a close in the Arab Emirates. Last year the Yas Marina Circuit was given a new layout, with 5 corners less than the previous version and that, together with the shorter track, led to 12 second faster lap times in the qualifying round.

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BRAKES EFFORT HARD

TIME SPENT BRAKING 13%

TURN 06*, TURN 05* AND TURN 01* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH **5.281 M**

NUMBER OF LAPS **58**

NUMBER OF BRAKE ZONES/LAP **06**

01	Initial speed	282	(Km/h)
	Final speed	182	(Km/h)
	Stopping distance	64	(m)
	Braking time	1.06	(sec)
	Maximum deceleration	5.1	(g)
	Maximum pedal load	160	(Kg)
Braking power	2611	(Kw)	

05	Initial speed	293	(Km/h)
	Final speed	113	(Km/h)
	Stopping distance	92	(m)
	Braking time	1.85	(sec)
	Maximum deceleration	5.3	(g)
	Maximum pedal load	168	(Kg)
Braking power	2898	(Kw)	

06	Initial speed	322	(Km/h)
	Final speed	74	(Km/h)
	Stopping distance	120	(m)
	Braking time	2.63	(sec)
	Maximum deceleration	5.4	(g)
	Maximum pedal load	168	(Kg)
Braking power	3197	(Kw)	

09	Initial speed	324	(Km/h)
	Final speed	178	(Km/h)
	Stopping distance	99	(m)
	Braking time	1.58	(sec)
	Maximum deceleration	4.9	(g)
	Maximum pedal load	147	(Kg)
Braking power	2665	(Kw)	

12	Initial speed	279	(Km/h)
	Final speed	106	(Km/h)
	Stopping distance	93	(m)
	Braking time	1.99	(sec)
	Maximum deceleration	4.5	(g)
	Maximum pedal load	138	(Kg)
Braking power	2119	(Kw)	

16	Initial speed	261	(Km/h)
	Final speed	130	(Km/h)
	Stopping distance	79	(m)
	Braking time	1.58	(sec)
	Maximum deceleration	4.6	(g)
	Maximum pedal load	146	(Kg)
Braking power	2170	(Kw)	