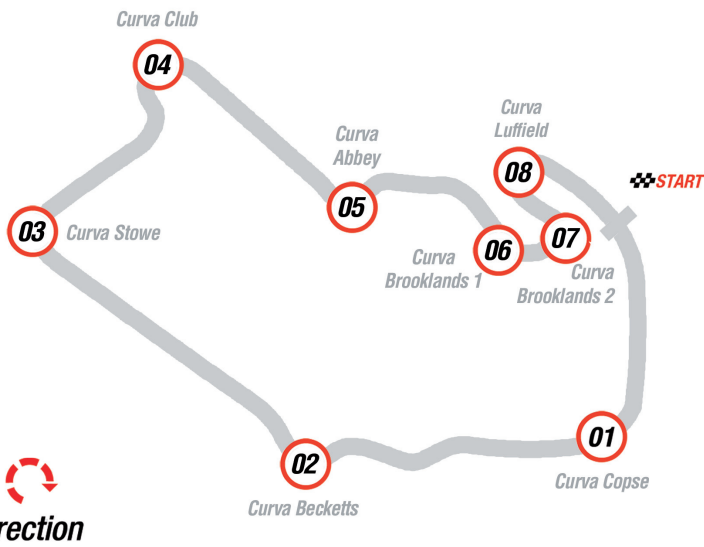




## Circuits Identity Card Formula 1



# England

## International Circuit

08/07/2007



## England | Silverstone

- ▶ Length: **5.1413 km**
- ▶ Number of laps: **60 (308.46 Km)**
- ▶ Type of circuit: **Light**
- ▶ Number of brakings: **8**
- ▶ Pole 2006: **Fernando Alonso - 1'20"253**
- ▶ Time spent under braking per lap: **11%**

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

## BRAKING ANALYSIS

SEASON DATA  
2007

**01**

Initial speed	<b>285</b>	[Km/h]
Final speed	<b>225</b>	[Km/h]
Stopping distance	<b>70</b>	[m]
Braking time	<b>1</b>	[sec]
Maximum deceleration	<b>2.5</b>	[g]
Maximum disc temperature	<b>780</b>	°C (1732F)
Maximum pedal load	<b>60</b>	[Kg]

**02**

Initial speed	<b>230</b>	[Km/h]
Final speed	<b>220</b>	[Km/h]
Stopping distance	<b>35</b>	[m]
Braking time	<b>0.5</b>	[sec]
Maximum deceleration	<b>1.6</b>	[g]
Maximum disc temperature	<b>600</b>	°C (1688F)
Maximum pedal load	<b>25</b>	[Kg]

**03**

Initial speed	<b>300</b>	[Km/h]
Final speed	<b>200</b>	[Km/h]
Stopping distance	<b>95</b>	[m]
Braking time	<b>1.4</b>	[sec]
Maximum deceleration	<b>3.6</b>	[g]
Maximum disc temperature	<b>690</b>	°C (1688F)
Maximum pedal load	<b>90</b>	[Kg]

**04**

Initial speed	<b>280</b>	[Km/h]
Final speed	<b>100</b>	[Km/h]
Stopping distance	<b>110</b>	[m]
Braking time	<b>2.1</b>	[sec]
Maximum deceleration	<b>3.5</b>	[g]
Maximum disc temperature	<b>1000</b>	°C (1706F)
Maximum pedal load	<b>95</b>	[Kg]

**05**

Initial speed	<b>290</b>	[Km/h]
Final speed	<b>130</b>	[Km/h]
Stopping distance	<b>110</b>	[m]
Braking time	<b>2</b>	[sec]
Maximum deceleration	<b>4.3</b>	[g]
Maximum disc temperature	<b>800</b>	°C (1436F)
Maximum pedal load	<b>130</b>	[Kg]

**06**

Initial speed	<b>270</b>	[Km/h]
Final speed	<b>200</b>	[Km/h]
Stopping distance	<b>70</b>	[m]
Braking time	<b>1.1</b>	[sec]
Maximum deceleration	<b>3</b>	[g]
Maximum disc temperature	<b>850</b>	°C (1652F)
Maximum pedal load	<b>90</b>	[Kg]

**07**

Initial speed	<b>230</b>	[Km/h]
Final speed	<b>100</b>	[Km/h]
Stopping distance	<b>90</b>	[m]
Braking time	<b>2.02</b>	[sec]
Maximum deceleration	<b>2.8</b>	[g]
Maximum disc temperature	<b>950</b>	°C (1274F)
Maximum pedal load	<b>75</b>	[Kg]

**08**

Initial speed	<b>170</b>	[Km/h]
Final speed	<b>110</b>	[Km/h]
Stopping distance	<b>60</b>	[m]
Braking time	<b>1.3</b>	[sec]
Maximum deceleration	<b>2.1</b>	[g]
Maximum disc temperature	<b>670</b>	°C (1472F)
Maximum pedal load	<b>60</b>	[Kg]