

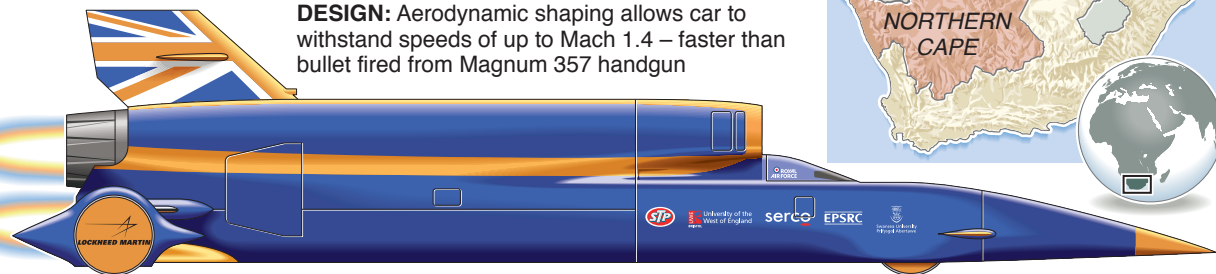
Bloodhound SSC – race to 1,000mph

The British-engineered *Bloodhound SSC* is now undergoing testing before its attempt to break the 1,000mph (1,600km/h) barrier and set a new land speed record on a dried-up lake bed in South Africa next year

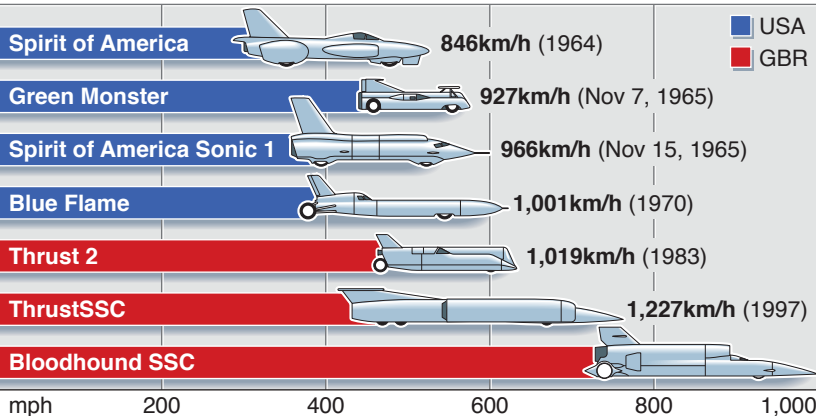
Hakskeen Pan
Venue for record bid



DESIGN: Aerodynamic shaping allows car to withstand speeds of up to Mach 1.4 – faster than bullet fired from Magnum 357 handgun

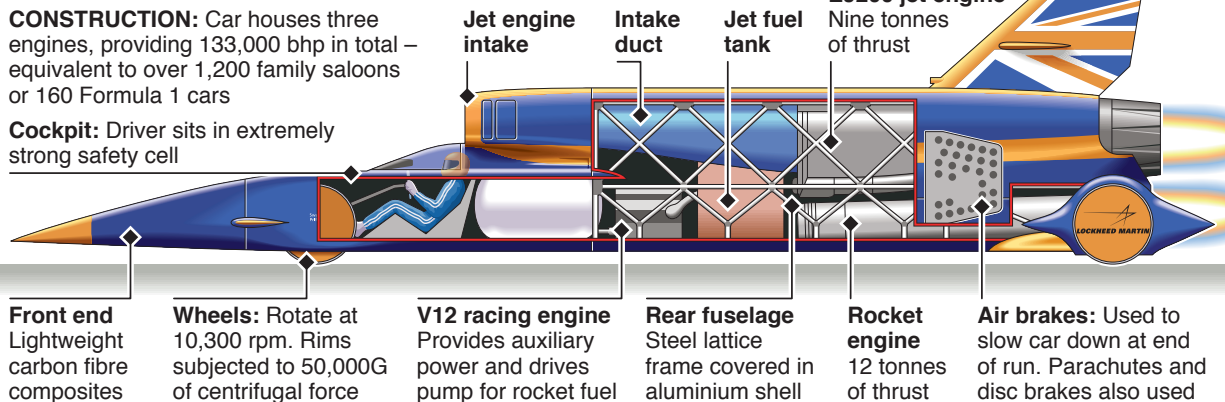


EVOLUTION OF LAND SPEED RECORD (turbojet and rocket propulsion)*



CONSTRUCTION: Car houses three engines, providing 133,000 bhp in total – equivalent to over 1,200 family saloons or 160 Formula 1 cars

Cockpit: Driver sits in extremely strong safety cell



BLOODHOUND SSC FACTS

Length of car	13.4m
Weight (fully fuelled)	6.4 tonnes
Turning radius	120m
Top speed	1,050mph (1,690km/h)
0 to 1,000mph (1,609km/h)	42 secs
Race track length	10 miles / 16km



Driver: RAF fighter pilot **Andy Green** – holds current land speed record and was first person to break sound barrier on land, driving **ThrustSSC**

EJ200 jet engine

Nine tonnes of thrust