

Bloodhound LSR ramps up its speed

The British-built Bloodhound LSR supersonic car has reached its highest speed yet in a test run across Hakskeen Pan in South Africa

BLOODHOUND LAND SPEED RECORD (LSR)

Stabilisation fin

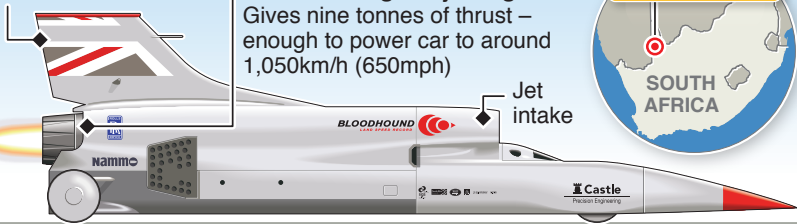
EJ200 Eurofighter jet engine

Gives nine tonnes of thrust – enough to power car to around 1,050km/h (650mph)

Hakskeen Pan

SOUTH AFRICA

Jet intake



BLOODHOUND QUEST FOR SPEED

Oct 2017: Low-speed trials, Newquay, UK

338km/h (210mph)

Nov 2019: High-speed trials, South Africa

806km/h (501mph)

2020: Scheduled land speed record runs

Target: 1,290km/h (800mph)

Current world record: **1,227.985km/h (763.035mph)**



Driver: RAF fighter pilot

Andy Green

set current world land speed record in 1997 in

ThrustSSC –

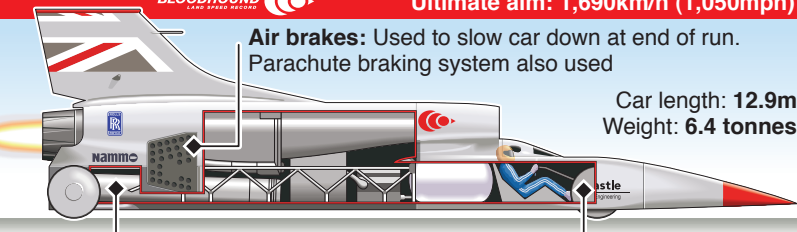
first car to break sound barrier

BLOODHOUND
LAND SPEED RECORD

Ultimate aim: 1,690km/h (1,050mph)

Air brakes: Used to slow car down at end of run.
Parachute braking system also used

Car length: **12.9m**
Weight: **6.4 tonnes**



Rocket motor: Provides up to six tonnes of additional thrust to break through sound barrier (rocket not used in trial runs)

Wheels: Solid aluminium alloy. Designed to rotate at up to 10,500 rpm