

# Design chosen for British 1,000 mph car (w/ Video)

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(PhysOrg.com) -- A British team hoping to be the first to get a car to 1,000 mph (1,610 km/h) has made its final design selection. The six-tonne car, known as the Bloodhound, will be powered by a Eurofighter jet engine mounted above a hybrid rocket, and will be built in Bristol, UK.

The driver of the Bloodhound SSC (SuperSonic [Car](#)), Andy Green, set the world land [speed record](#) of 763 mph (1,228 km/h) in Thrust SSC in 2007. Green said he hoped the car would be ready to try to beat the record in 2011. The record attempts will be made in South Africa's Hakskeen Pan in the Northern Cape Province. Wing Commander Green, an RAF fighter pilot, said the pan is perfect because the surface of the

dried-out lake can support the car but is soft enough to allow the titanium or carbon-reinforced aluminum wheels to sink perhaps one centimeter, which would give the car needed damping or compliance to help him to steer the car at lower speeds. (At higher speeds it steers more like a speedboat than a car.) The track will be 10 miles (16 km) long.

More information: [www.bloodhoundssc.com/](http://www.bloodhoundssc.com/)

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