



ANDY GREEN – The ‘Fastest Man on Earth’

Wing Commander Andy Green, ‘The Fastest man on Earth’, is a serving Royal Air Force Fighter Pilot.

Driving Richard Noble’s Thrust SSC (SuperSonic Car) in 1997, Andy set the world’s first and only supersonic land speed record at an astonishing 763 mph, driving literally ‘faster than a speeding bullet’. After setting the outright Land Speed Record in 1997, Andy went on to drive the JCB DIESELMAX car in 2006, setting a record of 350 mph for the world’s fastest diesel car – powered by JCB digger engines.

Andy is now involved in perhaps the ultimate Land Speed Record challenge. He is the driver for the new Bloodhound SSC, designed to reach an astonishing 1000 mph. Using his previous Record-breaking experience, and drawing on his first-class Mathematics degree from Oxford and his experience as a Fighter Pilot, Andy is a central member of the design team for this remarkable jet- and rocket-powered Car.

This Project is linked through a major education programme into schools across the UK and (through a hugely successful website, www.BLOODHOUNDSSC.com) to students around the world. The Project aims to inspire the next generation of young engineers and scientists, while setting the most remarkable Land Speed Record of all time – 1000 mph.





‘Project BLOODHOUND – Safety at 1000 Mph’

Project BLOODHOUND is the latest British attempt at the World Land Speed Record, which is targeting the extraordinary speed of 1000 mph, and is due to run in 2015. The Car is 42 feet long, 10 feet high, and powered by 3 engines: the latest generation of military jet engine (20,000 lb thrust), a next-generation hybrid rocket (27,000 lb thrust) and a V12 race car engine (800 hp) which powers the rocket pump. This Car will accelerate from rest to 1000 mph, cover a mile in 3.6 seconds, and then slow to a stop again in just 2 minutes, at which point it will be 12 miles from where it started.

The objective behind this Project is far more than just a new World Land Speed Record. It is intended to bring science and technology to life for a new generation, and to inspire the young people of today with the excitement of a world-class ‘Engineering Adventure’. BLOODHOUND is now working with Governments to deliver 1000 mph science lessons into schools across the UK, South Africa, and many other countries. The Project has generated the longest-running and most widely read engineering diary in history, and has already reached an audience of around 10 million through YouTube, before the Car even starts to run. The technology has already been installed around the desert track in South Africa to allow live streaming of video at 1000 mph to a global audience.

BLOODHOUND is now set to deliver on its promises for a 1000 mph World Record, for a global Engineering Adventure, and for a new generation inspired by engineering. However, there is one essential requirement to achieve all of this – safety. The technologies involved in building the World’s first 1000 mph Car are simply astonishing. BLOODHOUND is literally pushing back the boundaries of physics. To do this safely, the team has had to ask – and answer – some key questions. What does ‘safety’ actually mean at these speeds? And how is it delivered?

Wing Commander Andy Green has some answers. He is a Royal Air Force fighter pilot, the current holder of the World Land Speed Record, and BLOODHOUND’s driver, and has been working closely with the BLOODHOUND engineering team for the past 6 years. How the team has learned from the previous record, and how the ground-breaking technologies have been developed to deliver 1000 mph safely, will be key themes in his presentation to the SAFE Symposium.

