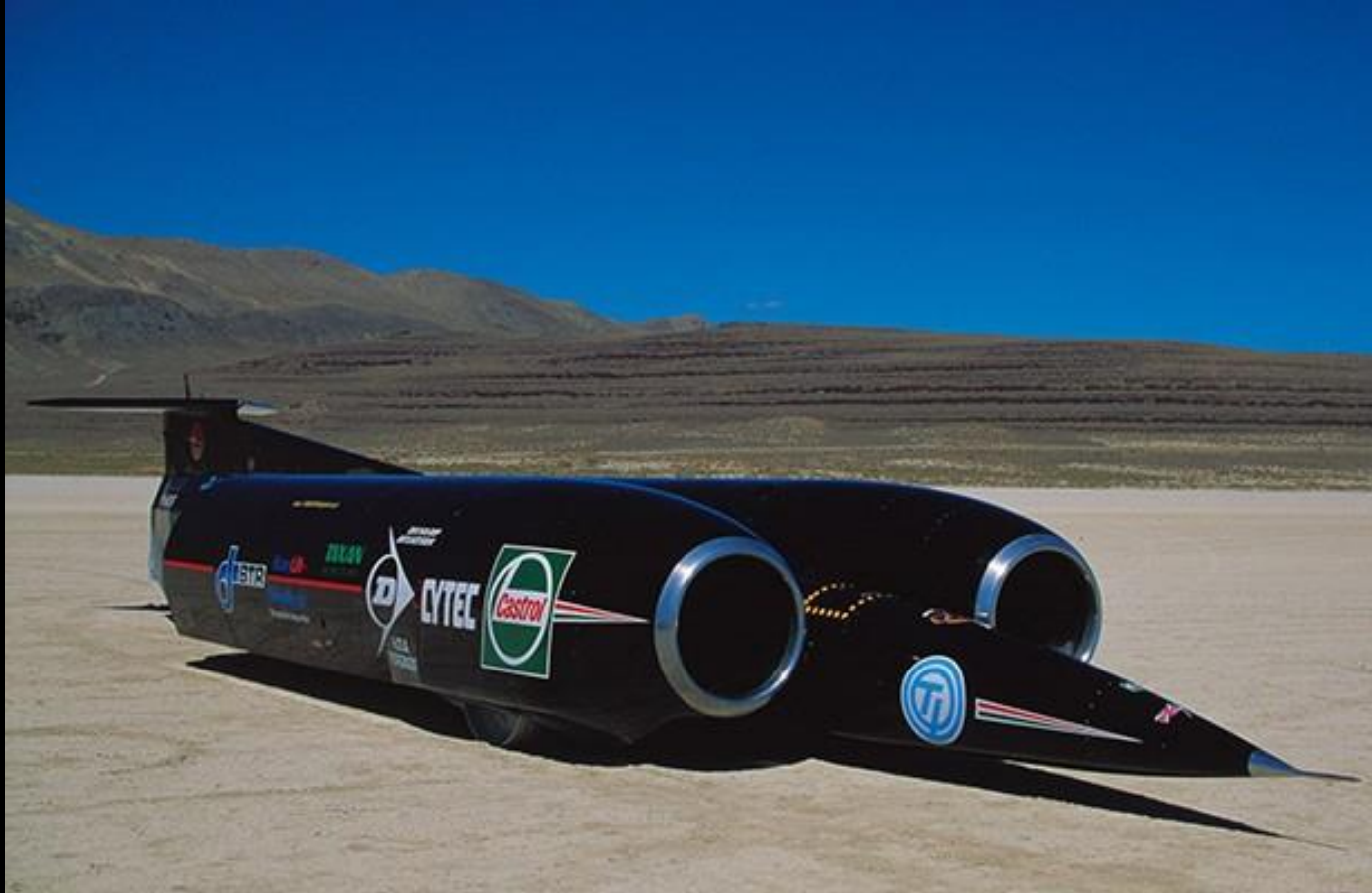


THRUST SSC

ENGLISH 2 – CHAPTER VII



WHAT IS THE THRUST SSC?

British jet-propelled car

Developed by Richard Noble and his 3 assistants

Holds the World Land Speed Record → 15. October 1997

First vehicle to break sound barrier

DETAILS

16,5 metres long, 3,7 metres high, weights nearly 10 tons

Two Rolls Royce engines salvaged from a jet fighter

Two engines have a combined power of 55,000 pounds of thrust (110,000 horsepower)

Two front and two back wheels with no tyres (disks of forged aluminium)

Uses parachutes for breaking

SAFETY OF THE CAR

There is no ejection system in the car or any other kind of safety mechanisms

The emphasis was placed on keeping the car on the ground → HOW?

Hundreds of sensors to ensure the vehicle to maintain safe path

Aerodynamic system is there to keep the vehicle on the ground

WORLD LAND SPEED RECORD

The record set on 15th
October 1997

The record holder is
ANDY GREEN
(British Royal Air
Force pilot)



WORLD MOTOR SPORT COUNCIL'S STATEMENT ABOUT THE RECORD

The World Motor Sport Council homologated the new world land speed records set by the team ThrustSSC of Richard Noble, driver Andy Green, on 15 October 1997 at Black Rock Desert, Nevada (USA). This is the first time in history that a land vehicle has exceeded the speed of sound.

The new records are as follows:

Flying mile 1227.985 km/h (763.035 mph)

Flying kilometre 1223.657 km/h (760.343 mph)

In setting the record, the sound barrier was broken in both the north and south runs.

Paris, 11 November 1997



BLOODHOUND SSC

Goal → to exceed the record to 1,000 mph (1,609 km/h)

Has a power and a rocket engine

2020 or 2021 → attempt to break the World Record

Pilot: Andy Green

QUESTIONS

Who developed the THRUST SSC?

When was the World Land Speed Record set?

What is the name of the car which became the first car to break the sound barrier?

What is the current land speed record?

Who is the holder of the World Land Speed Record?

What is the combined horsepower of the two jet engines in Thrust SSC?

What is the name of the new supersonic car which tries to break the record?



THANK YOU
FOR YOUR
ATTENTION!