



BLOODHOUND Challenge Task

Principles in Engineering and Engineering Business

A PROJECT APPROACH TO DELIVERY

The Project Brief – Learner Copy

You are to create a presentation demonstrating the key electrical, mechanical and fluid power principles considered in the BLOODHOUND Model Rocket Car Challenge model design.

The presentation could cover:

- vehicle specification (as per vehicle specification sheet)
- vehicle weight
- power usage
- battery weight/power/size
- adhesion to road
- torque and acceleration
- gear system design.

This work could be undertaken as individuals or within a team. If working within a team you are expected to contribute in each of the areas in order to gain the experience and knowledge required to successfully complete the Cambridge National in Principles in Engineering and Engineering Business.