



BLOODHOUND Challenge Task Engineering Manufacture

A PROJECT APPROACH TO DELIVERY

The Project Brief – Learner Copy

Task 1

To support the development of your Rocket Car Challenge model:

- produce a number of wheels or guiding hooks using a CNC machine
- create a mould for the body shell using a range of engineering processes
- carry out a range of tests on the wheels and the guide, select and justify the ones to be used on The BLOODHOUND Model Rocket Car Challenge model.

Task 2

To support your entry in the BLOODHOUND Model Rocket Car Challenge, produce elements for your portfolio in which you:

- Select and justify the choice of materials for the model.
- Make components for use on The BLOODHOUND Model Rocket Car Challenge model.
- Carry out a risk assessment.

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 Engineering Manufacture.