



RECRUITMENT

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| REFERENCE NUMBER: | YIIETD1120 |
| JOB TITLE: | Environmental Test Engineer (Year In Industry) |
| LOCATION: | Denham, Middlesex |

Martin-Baker is the world's leading manufacturer of ejection seats and related equipment.

It is the only company that can offer a fully integrated escape system that satisfies the very latest in pilot operational capability and safety standards. Martin-Baker offers a complete 'end-to-end service', from helping the customer to establish operational safety and escape requirements, including design, development and qualification, to on-going support throughout the entire service life of the aircraft.

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| DEPARTMENT NAME: | Environmental Test |
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JOB DESCRIPTION

The role holder should be a student who is looking for a twelve-month programme within our Environmental Test Engineering Department. This department is responsible for the development and qualification testing of a diverse spectrum of seat components and non-ejection products. This is part of the Company design verification process.

The position will require you to undertake a wide variety of project related engineering tasks including some or all of the following:

- Assist in product testing
- Assist in preparing test procedures and schedules to detail how testing is to be performed, the data to be acquired and the means of evaluating product performance
- Support the evaluation of captured test data, through reduction analysis and interpretation of both instrumentation data and high speed video records
- Develop simple analysis tools for the processing of data and the determination of performance compliance
- Prepare and issue short-form and full Test Reports for viewing by customers
- Conduct detailed analysis of any failure encountered during test and support the process for failure resolution

SECONDARY ACTIVITIES / TASKS

- To undertake any other duties and responsibilities as required / instructed in order to maintain and / or improve the efficiency, quality and service provided by the Environmental Test Engineering Department.

EDUCATION & QUALIFICATIONS:

- You must be working towards a good degree (1st or Upper 2nd Class Honors) in an appropriate science based subject (e.g. general engineering, aeronautical or aerospace engineering, systems engineering, physics, etc).

SPECIFIC / TECHNICAL SKILLS

- Communication skills: able to communicate verbally, in presentation format and in writing
- Good data analysis skills
- Good Excel, Word and PowerPoint skills

PERSON SPECIFICATION:

- Attention to detail – thorough, accurate and concern for all the areas involved
- Driven to achieve results – checks own work, and demonstrates a positive approach
- Judgement and decision making – evaluates decisions
- Planning and organizing
- Analysis and problem solving – sees basic relationships and reacts positively
- Willing to adapt to a variety of tasks
- Team player – with the ability to work independently
- Self-starter
- Enthusiastic
- Motivated to learn new skills

KNOWLEDGE & EXPERIENCE

The ideal applicant will have:

- A sound grasp of scientific / engineering theory balanced with a practical approach to engineering problems
- Some work experience in an engineering company

For all successful candidates, Martin-Baker will undertake background security checks. As part of this, we will need to confirm your identity, employment history and address history to cover the past five years as well as your nationality, immigration status and criminal record. For positions that require Security Clearance, the successful candidate must hold or be willing to obtain security clearance up to the relevant level for the role.

BENEFITS

Salary circa £18,500 pa

Pension Scheme

25 Days annual leave

Healthcare scheme

Opportunity to work alongside experts who can help you to obtain a wide understanding of an engineering business

We offer you the chance to develop new skills and gain a strong industry experience

TO APPLY:

Complete an application form found at <http://martin-baker.com/careers/year-in-industry/> and return to recruitment@martin-baker.co.uk quoting the REFERENCE NUMBER ABOVE