



## RECRUITMENT

<b>REFERENCE NUMBER:</b>	YIIPED1120
<b>JOB TITLE:</b>	Assistant Manufacturing Engineer (Year In Industry)
<b>LOCATION:</b>	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.

<b>DEPARTMENT NAME:</b>	Production Engineering
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### JOB DESCRIPTION

The role holder should be a student who is looking for a twelve-month programme within our Production Engineering Department, where there will be the opportunity for you to experience innovation and technological developments. You will gain hands-on experience on a practical project and you will also receive training and gain exposure to other departments.

You will work alongside experts who can help you to obtain a wide understanding of our business.

This position is responsible for determining the manufacturing methodology, supporting MBA manufacturing processes within a small batch environment whilst operating to high standards of quality and customer care.

Developing robust solutions to manufacturing problems.

#### AREAS OF RESPONSIBILITY:

1. Support manufacturing activities on old and new products by:
  - Improving efficiency by developing automated methods to analyse and communicate production data
  - Analysing of production time and material variances, and their effect on product cost
  - Ensuring accurate master data is made available to facilitate engineering resource planning
  - Investigating defects, and determine root cause and corrective action
  - Ensuring production resources which aid efficient assembly are identified and solutions implemented
  - Creating build instructions and test plans
  - Defining inspection characteristics to ensure fault free product is manufactured
2. Support the implementation of new equipment by:
  - Benchmarking existing methods
  - Implementing new equipment and working practices
  - Determining business benefit through Value Engineering
  - Compiling reports for the SMT

#### 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 Production Engineering Department.

#### EDUCATION & QUALIFICATIONS:

- You must be working towards a good degree (1<sup>st</sup> or Upper 2<sup>nd</sup> Class Honours) in an appropriate engineering based subject.

#### 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
- Ability to program Visual Basic

#### 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
- Team player – with the ability to work independently
- Self-starter

#### KNOWLEDGE & EXPERIENCE

The ideal applicant will have:

- Some knowledge of modern manufacturing techniques i.e. lean manufacturing
- Basic CAD and Engineering drawing ability e.g. for design and review of a part from a production perspective
- 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](mailto:recruitment@martin-baker.co.uk) quoting the REFERENCE NUMBER ABOVE