



# WOMEN IN ENGINEERING



## FEELING INSPIRED?

Engineering is crucial to the UK's economy. It is a industry that plays an important role in maintaining the UK's competitive edge in the global economy.

Not only is engineering integral to our economy, it is also a profession that is well remunerated and in high demand. Despite this, the industry struggles to recruit a gender diverse workforce. Women represent only 12% of the UK professional engineering workforce (Engineering UK 2018 report).

At The Engineering Trust we welcome applications from girls thinking about a career in engineering and in this leaflet we showcase some of our female apprentices who have been very successful in following the apprenticeship route.

T: 01993 882008 | E: [info@theengineeringtrust.org](mailto:info@theengineeringtrust.org)  
[theengineeringtrust.org](http://theengineeringtrust.org)



## JESSICA MONK

Machinist

### What inspired you to become an engineer?

I have always been interested ever since I was small in helping my dad with projects and fixing machinery on my grandparents small holding.

### Why did you choose to do an apprenticeship instead of going to university?

University wasn't for me and when I heard about Engineering Trust I knew that an apprenticeship would suit me better.

### What are you doing now?

I am now a fully qualified machinist at MRC Harwell.

### What do you like most about your job?

I love the fact that no two days are the same and everything that I design and make is bespoke.

## ALICE BYLES

Apprentice Mechanical Engineer

### What inspired you to become an engineer?

My grandfather was a navigator in WW2 and my grandmother was a Wren, and I also have 2 cousins who are pilots so I have always been submersed in aviation. My dream is to be an air crash investigator and so to be an aircraft engineer is an excellent career to help me work towards that.

### Why did you choose to do an apprenticeship instead of going to university?

I chose to do an apprenticeship because in this industry your license is what gives you the ability to be a crew chief and sign off aircraft as airworthy and allow you to gain type ratings on different aircraft, a degree doesn't allow any of that. My Apprenticeship involved 5 years of logged work on aircraft and also passing 13 exams in things such as maths, physics, legislation, engines and other things specific to aircraft.

### What are you doing now?

I am currently full time at Airbus fixing helicopters!

### What do you like most about your job?

I love my job because I get to spend time flying and fixing these interesting machines and constantly learning new ways of solving problems and meeting very knowledgeable and interesting people.



## JASMINE BROWN

Mechanical Engineer

### What inspired you to become an engineer?

Engineering was something different and I didn't know what to expect from it. I moved from my secondary school to another sixth form and chose this subject knowing I had 3 months to change subjects.

### Why did you choose to do an apprenticeship instead of going to university?

I decided to do an apprenticeship as a gateway into the subject. I was gaining a qualification AND experience whilst being paid to do so. I felt having experience would give me a competitive edge and BTECs can be a stepping stone for HNC/HNDs. You also have a strong support circle when you need advice.

### What are you doing now?

I've now finished my apprenticeship and am taking on other responsibilities within my workplace. I have gained unexpected skills whilst being here by going on different courses.

### What do you like most about your job?

I love that my job is never what people expect. I am left to my own devices and the working environment is very different to other jobs. I am able to be myself.

