

We look to the skies

Meet engineers working in cutting-edge aerospace technology and explore where a career in engineering could take you:



Robin Freeman

Job: Software engineer

Employer: Zoological Society of London

What I do all day: I design trackers and drones to monitor and protect animals and try to understand how they're affected by our changing environment.

Perk of the work: Travelling the world helping animals like seabirds and tigers.

In future, engineers like me...Will use new technologies to try and protect animals from extinction.

Help engineers like Robin protect animals



Ranah Irshad

Job: Systems engineer

Employer: RAL Space

What I do all day: I design satellites and space probes to go into space and explore the universe.

Perk of the work: The things I invent go into space!

In future, engineers like me...Will continue to explore the universe, discover new worlds, maybe even help humans colonise other planets.



Tom Wines

Job: Mechanical engineer

Employer: Sheffield Advanced Manufacturing Research Centre

What I do all day: I use robots, lasers, augmented reality and virtual reality to make cars, planes, even fighter jets.

Perk of the work: I get to use robots at work

In future, engineers like me...Will work in even more advanced factories where teams of robots make things like stealth planes and hybrid cars. You could even be greeted by a robot receptionist.

Watch robots at work