

## Senior Flight Engineer



There are many different Flight Systems on an aircraft. They control things like flight, propulsion and safety. My job is to develop new technologies and work out how I can integrate them onto a future combat air system. This will involve providing design solutions from the concept stage all the way through to testing.

### # job details

Creativity.....	64
Communication.....	81
Collaboration.....	92
Digital knowledge.....	58
Hands-on practical skills... 46	
Reading and writing.....	60
Sustainability knowledge ..	71
Using numbers.....	68

## your family



Advanced Sys  
Engineer



Project Team  
Lead



Space Systems  
Engineer



What do the elevators do on an aircraft?

# AEROSPACE Advanced Systems Engineer



I work in a team writing code that cannot crash (i.e. break). We develop systems from scratch, for things like railway signalling systems or air traffic control systems, and test them to check they work correctly. We have a model railway in the office for demonstrating our railway signalling software to new clients.

## job details

Creativity.....	78
Communication.....	75
Collaboration.....	90
Digital knowledge.....	89
Hands-on practical skills... 31	
Reading and writing.....	62
Sustainability knowledge ..	30
Using numbers.....	85

## your family



Senior Flight Engineer



Project Team Lead

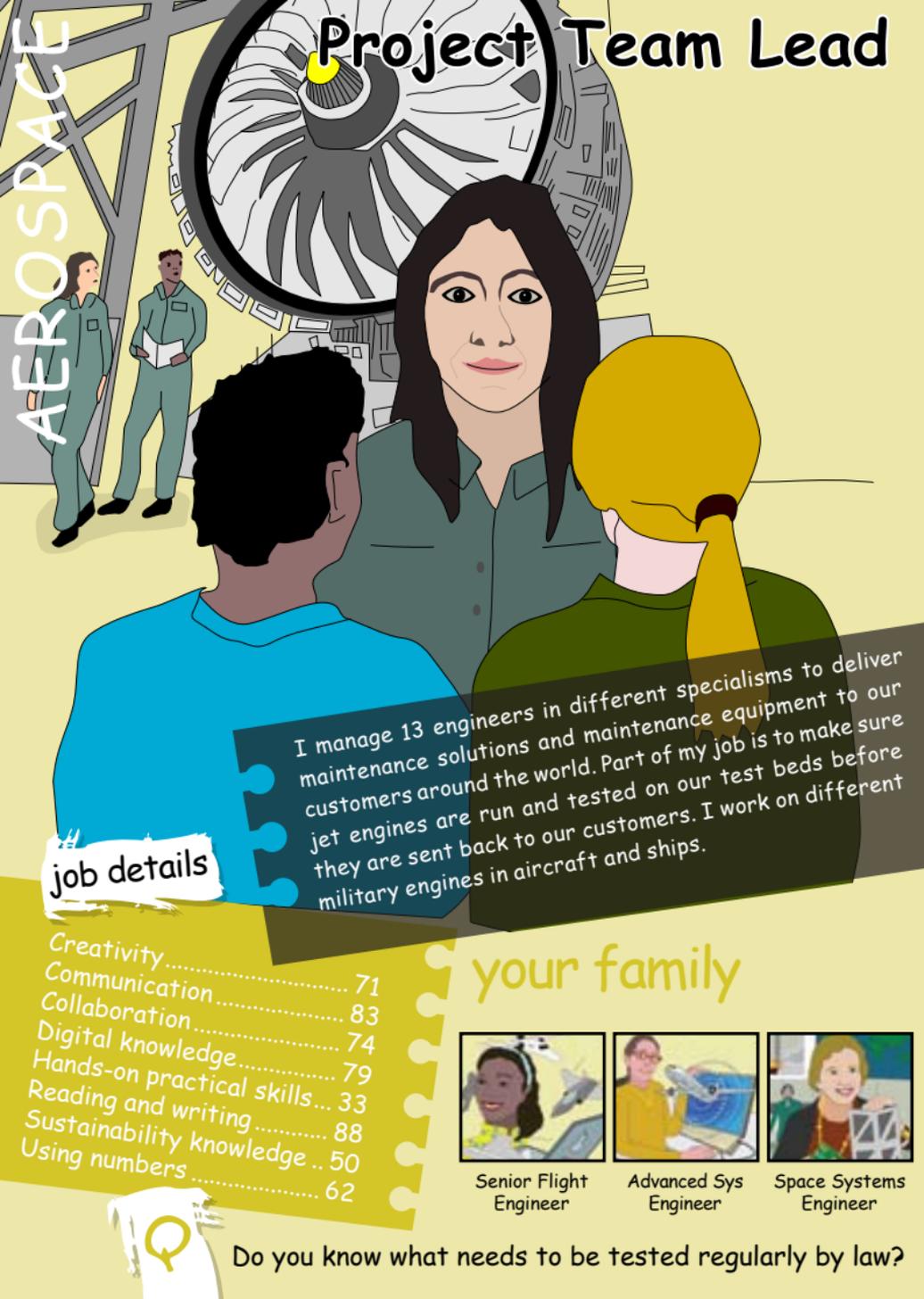


Space Systems Engineer



Have you tested something before using it?

# AEROSPACE Project Team Lead



## # job details

I manage 13 engineers in different specialisms to deliver maintenance solutions and maintenance equipment to our customers around the world. Part of my job is to make sure jet engines are run and tested on our test beds before they are sent back to our customers. I work on different military engines in aircraft and ships.

Creativity.....	71
Communication.....	83
Collaboration.....	74
Digital knowledge.....	79
Hands-on practical skills...	33
Reading and writing.....	88
Sustainability knowledge..	50
Using numbers.....	62

## your family



Senior Flight Engineer



Advanced Sys Engineer



Space Systems Engineer

Do you know what needs to be tested regularly by law?



# Space Systems Engineer

AEROSPACE

I plan space missions and design spacecraft. These spacecraft will either look back at the Earth or travel out into space to look at planets, comets, asteroids, stars and galaxies. We use our knowledge of science and maths to design each spacecraft and plan its journey. I worked as a guest scientist at NASA for a year. I also once had to design a space toilet.

## job details

Creativity.....	72
Communication.....	79
Collaboration.....	94
Digital knowledge.....	65
Hands-on practical skills... 30	
Reading and writing.....	81
Sustainability knowledge ..	30
Using numbers.....	89

## your family



Senior Flight Engineer



Advanced Sys Engineer



Project Team Lead



Why do we need to explore outer space?