

Helicopter Engineer

Helicopter engineers service and repair helicopters.



Your day-to-day duties may include:

- carrying out scheduled inspection and maintenance checks
 - finding and fixing faults
- reporting defects to the maintenance manager
 - making sure aircraft meet flight safety regulations
- working on aircraft and instrument modifications
 - refitting aircraft

Career path and progression

With experience you could become a maintenance engineering manager or senior design engineer, working on modifications and enhancements to aircraft.

Skills You'll need:

- excellent attention to detail
- teamworking skills
- the ability to solve problems

These university subjects are

related to this career:

Aerospace engineering and Aviation
General engineering
Mechanical engineering

You'll usually need:

You'll need a Part-66 engineering licence issued through the Civil Aviation Authority (CAA).

There are different categories to the licence, depending on the type of work you want to do, but common ones are:

B1 mechanical – for work on an aircraft's structure and electrical systems

B2 avionics – for work on navigation, communication and electronic instruments

You'll need an engineering qualification and maintenance experience to apply for a licence. Relevant qualifications include a foundation degree, HND or degree in aerospace, mechanical or electrical engineering.

Flight engineering experience gained in the armed forces may count towards your license application.

Some aircraft engineering companies offer graduate training schemes.

The British Helicopter Association has more details about working in this industry.

East Midlands median earnings: £27,111