

AIRCRAFT MECHANIC

flyhigher



Source: AJAC

«I enjoy seeing what I worked on that night, leaves in the morning with happy passengers»

- LAURA -

REPAIR STATION,
HANGAR AND
AIRFIELD

A DAY IN THE LIFE OF... an aircraft mechanic

Being an aircraft mechanic means always being vigilant about each detail and each possible flaw: the aircraft mechanic is responsible for maintaining the aircraft safety standards, (and therefore the safety of the passengers and the flight crew), controlling every aircraft part. An aircraft mechanic may be non-specialised, but he also may be expert in specific parts of the aircraft, such as airframe, engines or avionics. Nonetheless, an aircraft mechanic needs to be versatile and know the functioning of each aircraft system in order to control, detect, notify and correct possible unevenness. This career sometimes requires the person to work staggered hours.

Aeronautics
is an industry worth
220 billion Euros,
providing 4,5 million jobs
in Europe and is one of the
key, high-tech sectors of
the European Union.



Regions constituting Europe's leading pool of jobs in the field of aeronautics

AIRCRAFT MECHANIC

MAIN ACTIVITIES

Perform inspections of the hydraulic, electronic, avionic and mechanical systems by using measurement tools and hand equipment

Control and diagnose the conformity of aircrafts' quality and safety standards

Disassemble, check the state and put back aircraft elements if everything is okay

Maintain and repair aircraft elements and structure following blueprints, drawings or manufacturer's technical documentation

Replace worn and defective parts by certified new parts

Record the report of interventions into an operation sheet

Perform scheduled maintenance

MISSIONS

Ensure that the element to-be-checked properly fills its functions

Detect (potential) breakdowns and flaws

Repair and/or replace cracked and dubious elements

EXAMPLE OF PROJECT

Test plane engine functions

SKILLS & KNOWLEDGE

Aircraft equipment

Measure and repair tools

Electronics and Mechanics

Quality and Safety knowledge

Maintenance methods

Aircraft parts knowledge

QUALITIES

Good physical condition

Rigour

Manual skills

Precision

Curiosity about new technologies and processes

QUALIFICATIONS

Acceptable Means of Compliance (AMC) Part 66, Certifying Staff from EASA (European Aviation Safety Agency)

