

AIR TRAFFIC CONTROLLER

fly higher



Source: ENTREVOISINS

«It is a pleasant job without any routine and in which we immediately feel helpful»

- ALEXANDRA -

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.

AIRPORT CONTROL TOWER AND AREA CONTROL CENTRE

A DAY IN THE LIFE OF... an air traffic controller

There are three types of air traffic controllers: enroute controller, terminal area controller and aerodrome controller. In every case, being an air traffic controller means having a huge responsibility. Controllers provide guidance for the pilots and ensure that the aircrafts take off, fly, land and park safely and efficiently. This career often implies staggered working hours and challenging situations. The challenge for the air traffic controller is to manage and interpret a lot of data at the same time. Furthermore, the air traffic controller has to take decisions and give its instructions quickly, according to the data available and the situation.



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

AIR TRAFFIC CONTROLLER

MAIN ACTIVITIES

Identify the aircrafts flying on the airspace

Guide aircrafts through the take-off and landing operations

Keep radio contact with pilots

Track the aircrafts present in the airspace with the radar

Deal with the mishaps, emergencies and unscheduled flights

Take timely and critical decisions according to the meteorological conditions, the flight plans and also the trajectory and aircraft position (including the altitude and the speed of each aircraft flying in the airspace)

Exchange information with the neighbouring air traffic controllers

MISSIONS

Ensure the fluidity and the safety of the air traffic

Give instructions to help pilots during their movements

Collect, analyse and provide information to the pilots

EXAMPLE OF PROJECT

Check the flight plan of every aircraft overflying the controller's area of responsibility

SKILLS & KNOWLEDGE

Mathematics and Physics

Ability to take timely and critical effective decisions

Fast and accurate use and monitoring of computer-based equipment

Regulations of air safety traffic knowledge

Responsibility and commitment

Communication skills (oral and written)

QUALITIES

Composure

Good physical condition

Quickness to react

Analytical turn of mind

Decision-making skills

QUALIFICATIONS

Air Traffic Controller Licence

