

# THE5 - Helicopter: Prototypes, tests, production - quality

From the MS HADA  
(Helicopter, Aircraft and Drone Architecture)



## Highlights

- Certification of helicopters and prototyping
- Supply chain management of helicopters
- Helicopter maintenance

This module will help all participants increase their skills linked to the certification of helicopters, thanks to very operational insights on prototype manufacturing, production tests and maintenance.

## Prerequisites

Background in aerospace engineering

## Key elements

Dates: **March 27 to 31, 2023**

Duration: **24 hours**

For whom: **recent graduates, jobseekers and experienced employees**

Location: **AIRBUS HELICOPTERS, Marignane**

Course fees: **€2,300**

Language: **English**

## Learning objectives

After completing this course, participants will be able to:

- Describe and discuss the manufacturing of a helicopter from prototype adjustment to large-scale production.

## Practical information and registration

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## Course content

- Certification of helicopters
- Role of prototype manufactures in the development and industrialization process.
- Ground tests
- In-flight tests
- Cost analysis and methods
- Quality insurance
- Computer-aided production management
- Helicopter maintenance
- Site visit
- Purchasing and subcontracting
- Inspection

## Teaching methods

Teaching methods	Yes
Lectures / tutorial	X
Collaborative learning	
Flipped classroom	
Blended learning (online and face to face)	
Learning by doing	X
Project-based	
Simulation	
Case study	X

## Assessment

Written exam