

National Apprenticeship - Occupational Profile

Craft Occupation Aircraft Mechanics

Industry Served Aircraft Maintenance

Profile of Craft The craft of Aircraft Mechanics involves the servicing, maintenance, fault diagnostics, repair, and installation of mechanical and electrical equipment and systems of Aircraft structures and engines.

At the end of the apprenticeship, the craftsman will be able to demonstrate competence in the following skills:

Core Skills Service, replace, fault diagnose, repair, function test, inspect, adjust test, rig trouble shoot, adjust and test aircraft structures, systems and engines and their components

Specialist Skills Composite repairs
Non destructive inspection
Sheet metal repairs

Common Skills

Safety
Hazards avoidance, correct use of tools and equipment, correct use of personnel protective equipment, manual handling and evacuation procedures

Standard practices
Read and Interpret relevant technical documentation, read and interpret drawing and the relevant use of computers

Personal Skills

- Communications
- Adaptability
- Ability to work as a team member
- Working independently
- Using Initiative
- Problem solving
- Planning and Organisation
- Record keeping
- Manual handling
- IT Skills
- Customer Relation

NOTE: Integrated curriculum includes maths, science and theory

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