

# CAREER FACT SHEET

## Aircraft Maintenance Engineers

### Snapshot

Aircraft Maintenance Engineers maintain and repair aircraft structures, and avionic and mechanical systems

How many are employed in this occupation?	8,400
What are the average weekly earnings for full time workers?	\$2,694
How does unemployment compare with other occupations?	Above Average
What are the job prospects for this occupation?	Medium
What will be the likely future employment growth for the next five years?	Very Strong Growth

### Main employing industries

Manufacturing; Transport, Postal and Warehousing; Public Administration and Safety; Wholesale Trade

### Tasks

This occupation may include associated occupations with varying tasks.

- dismantling, inspecting, testing, repairing and reassembling aircraft engines, ancillary motors and engine accessories, electrical systems, and subassemblies of aircraft frames
- installing electrical circuits and equipment
- testing aircraft communication equipment, aircraft instrumentation and electronic systems using electronic testing equipment and specialised test apparatus
- replacing and testing aircraft oxygen system components
- assembling parts and subassemblies of aircraft frames
- conducting routine pre-flight inspections of engines, aircraft frames and mechanical systems
- maintaining records of action taken
- may manufacture aircraft electrical, instrument and radio hardware components

# INDUSTRY OVERVIEW

## Manufacturing

If you're a hands on sort of person who likes getting stuck into tasks involving the use of tools and machinery to create new items, or you like to work on projects that bring technical concept drawings to life, then a career in the Manufacturing industry could be right up your alley. Careers in Manufacturing are available in a variety of industries such as: aerospace, furnishing, laboratory operations, metal fitting, engineering and boating, process manufacturing, mineral products, plastics, rubber, recreational vehicles and textiles, clothing and footwear. Structural Steel and Welding Trades workers, and Metal Fitters and Machinists are the trades most in demand in Manufacturing at present. There are thousands of Manufacturing businesses in Australia, employing almost one million people. New developments in sustainable Manufacturing aim to produce goods in an environmentally friendly and sustainable way while at the same time maintaining, if not improving productivity. This makes it a very interesting time to join this sector.



**Manufacturing**

### Possible job pathways

- Glaziers
- Graphic Pre-press Trades Workers
- Industrial Spraypainters
- Metal Fitters and Machinists
- Precision Metal Trades Workers
- Sheetmetal Trades Workers
- Structural Steel and Welding Trades Workers
- Wood Machinists and Other Wood Trades Workers
- Chemical, Gas, Petroleum & Power Plant Operators
- Electrical Engineering Draftspersons, Technicians
- Electricians
- Electronics Engineers
- Metal Casting, Forging & Finishing Trades
- Aircraft Maintenance Engineers
- Engineering Production Systems Workers
- Engineers (Chemical and Material)
- Industrial, Mechanical and Production Engineers
- Mechanical Engineering Draftspersons, Technicians
- Food and Drink Factory Workers
- Production Managers
- Printers
- Printing Assistants and Table Workers
- Signwriters
- Jewellers
- Product Assemblers

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