

CAREER PROFILES

Aircraft Mechanics and Aircraft Inspectors:

Aircraft Mechanics maintain, repair, overhaul, modify, and test aircraft structural, mechanical, and hydraulic systems. **Aircraft Inspectors** inspect aircraft and aircraft systems following manufacture, modification, maintenance, repair, or overhaul.

Wage/Salary Information:

\$48,200 is the median annual salary found in provincial job-postings.

\$30.00/hour is the median wage reported provincially.

Commonly Listed Skills in Job Postings:

- Blueprint reading
- Troubleshooting
- Detail oriented
- Teamwork
- Oral and written communication
- Microsoft Office
- Manual dexterity
- Work independently
- Self-motivated

Job Duties:

Aircraft Mechanics troubleshoot aircraft structural, mechanical, or hydraulic systems to identify problems and adjust and repair systems according to specifications, technical drawings, manuals, and established procedures. Aircraft Mechanics repair and overhaul aircraft structural, mechanical, or hydraulic systems and install or modify aircraft engines and mechanical, hydraulic, flight control, fuel, and pneumatic systems. They dismantle airframes, aircraft engines, or other aircraft systems for repair, overhaul and cleaning, and reassemble.

Aircraft Mechanics also perform and document routine maintenance and order and maintain inventory of parts and supplies.

Aircraft Inspectors inspect structural and mechanical systems of aircraft and ensure that these systems meet Transport Canada and company standards of performance and safety. Aircraft Inspectors inspect work of Aircraft Mechanics performing maintenance, repair and overhaul, or modification of aircraft and aircraft mechanical systems to ensure adherence to standards and procedures. They also maintain detailed repair, inspection, and certification records and reports.

Working Conditions:

Work takes place in a controlled indoor environment.

Working with equipment, machinery or power/hand tools may be a source of injury.

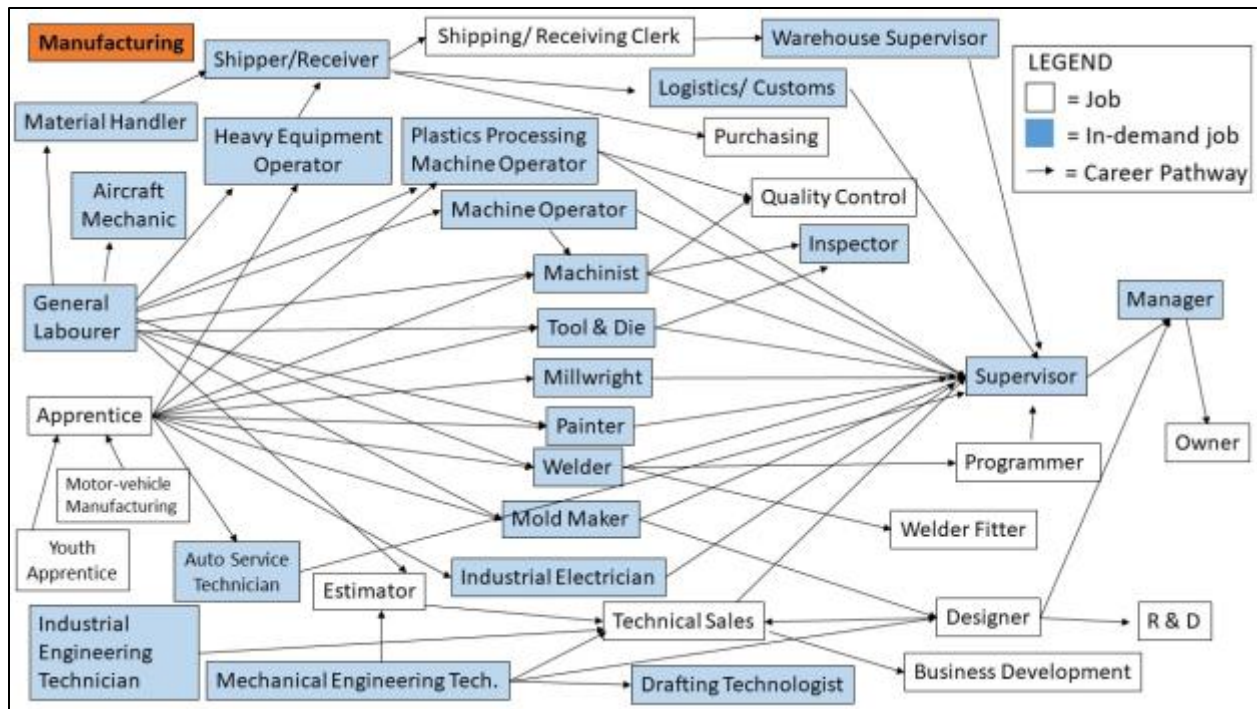
Work may produce enough noise to cause marked distraction or possible loss of hearing.

Career Pathways:

With a career as an Aircraft Mechanic or Aircraft Inspector, individuals could find themselves inspecting and testing aircraft systems to ensure they are in proper working order, identifying and diagnosing malfunctions or other problems in aircraft and aircraft systems, repairing aircraft, and performing routine maintenance and updates to aircraft to ensure their effective functioning and continued safety.

Aircraft Mechanics and Aircraft Inspectors are employed by aircraft manufacturing, maintenance, repair and overhaul establishments, and by airlines and other aircraft operators. Below are potential career paths for Aircraft Mechanics and Aircraft Inspectors.

- Aircraft Gas Turbine Engine Technician
- Aircraft Inspector
- Aircraft Maintenance Engineer (AME)
- Aircraft Mechanic
- Aircraft Structural Repair Technician
- Aircraft Systems Inspector
- Aviation Mechanical Component Shop Technician
- Certified Aircraft Technician
- Hydraulic Mechanic, Aircraft
- Inspector, Flight Test
- Inspector, Repair And Overhaul
- Shop Inspector, Aircraft Repair



Education and Training Pathways:

If you're interested in becoming an Aircraft Mechanic or Aircraft Inspector, you can begin your apprenticeship or attend a local training/education program.

Apprenticeship Details:

Composite Structures Technician

- Certification: Voluntary (not required to practice this profession in Ontario)
- Red Seal: No
- On-the-job training: 5,700 hours
- In-class training: 300 hours

Individuals interested in pursuing an apprenticeship pathway, should follow these steps:

- 1) Get hired – by an employer/sponsor/union
- 2) Apply online to register as an apprentice at www.ontario.ca/page/start-apprenticeship
- 3) Sign a training agreement with your employer/sponsor and the Employment Ontario apprenticeship office.
- 4) Become a Member of the Ontario College of Trades Apprentices Class at www.collegeoftrades.ca/membership
- 5) Keep a record of the hours you work
- 6) Achieve the competencies listed in your training standard if required in your trade

- 7) Complete all of the training requirements in your trade and you will receive a Certificate of Apprenticeship (CoA).
- 8) Write the Exam for the Certificate of Qualification if required in your trade

If you are currently in high school and would like to begin an apprenticeship, visit oyap.com for more information about the Ontario Youth Apprenticeship Program.

Individuals unsure about whether to pursue an apprenticeship or not, can learn more by visiting www.ontario.ca/page/prepare-apprenticeship.

Disclaimer: *The educational institution reserves the right to change information without notice, and may result in discrepancies between their information and the information presented above. If any errors are found, please report them to info@workforcewindsorsex.com.*