

Aircraft Assemblers and Aircraft Assembly Inspectors

Description

Aircraft assemblers assemble, fit and install prefabricated parts to manufacture fixed wing or rotary wing aircraft or aircraft subassemblies. Aircraft assembly inspectors inspect aircraft assemblies for adherence to engineering specifications. They are employed by aircraft and aircraft subassembly manufacturers.

Duties:

Aircraft assemblers perform some or all of the following duties:

- Read and interpret aircraft assembly diagrams
- Assemble and fit pre-fabricated parts to form subassemblies, working at benches or directly on an aircraft structure
- Assemble, fit and install pre-fabricated parts and subassemblies such as aircraft skins, flight controls, rigging, hydraulics and other mechanical systems.

Aircraft assembly inspectors perform some or all of the following duties:

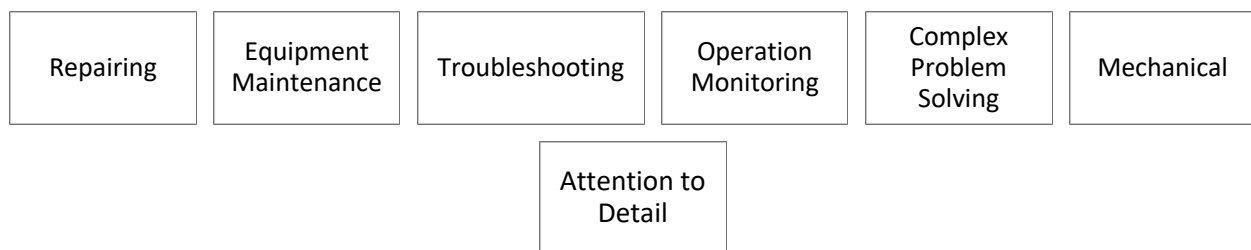
- Inspect aircraft assemblies, using measuring and testing equipment, for adherence to engineering specifications
- Inspect assemblies for alignment, symmetry, dimensions, fit and quality of workmanship
- Complete detailed inspection documentation

Other titles:

- Airframe Assembler
- Wing Tank Mechanic
- Rigger
- Bench and Structural Assembler
- Bench Fitter Mechanic

(Government of Canada National Occupation Classification)

Skills



Education/Training Requirements

Ontario Secondary School Diploma (OSSD)

- Completion of secondary school is required

Post-secondary diploma/degree

- Completion of a college or other program in aviation or aeronautical technology, with emphasis in aircraft manufacturing, may be required

Certification

- Aircraft assemblers receive several months of on-the-job and classroom training
- Aircraft assembly inspectors require experience as an aircraft assembler

Potential Earnings in Durham Region

The average and median wages and salaries for individuals employed as in this unit group are as follows. Place of Residence (POR) is defined as individuals who reside within the Durham Region. Place of Work (POW) is defined as individuals who are employed within the Durham Region.

Median Wages and Salaries (POR)	Average Wages and Salaries (POR)	Median Wages and Salaries (POW)	Average Wages and Salaries (POW)
\$74,058	\$70,624	\$68,765	\$59,493

Employment Prospects

Industry (NAICS)	Jobs in Durham Region (POW)	Durham Region Residents Employed (POR)
3364 – Aerospace Product and Parts Manufacturing	50	50

(Ministry of Advanced Education and Skills Development 2016 data in Durham Workforce Authority's 2017 Sector Report)