



Aviation Maintenance Fundamentals

Youth Apprenticeship

AVIATION MAINTENANCE FUNDAMENTALS

Aviation Maintenance Fundamentals youth apprentices gain various, high-demand aircraft maintenance skills. All youth apprentices must take the Aviation Maintenance Fundamentals the first year and can specialize in Airframe and Powerplant (A&P) or Avionics the second year. Apprentices must adhere to industry safety and security standards.

Length of Apprenticeship: One year. Youth apprentices can enter the Airframe and Powerplant (A&P) or Avionics youth apprenticeship for a second year.

OCCUPATIONAL COMPETENCIES

Aviation Maintenance Fundamentals youth apprentices must complete **a total of 8** Aviation Maintenance Fundamentals competencies in year 1. Employers can substitute up to **1** competency with other occupationally appropriate skills. Substitutions must be added to the competency list for assessment. Note that where necessary, skills can be simulated.

Competencies
<ol style="list-style-type: none">1. Follow safety procedures working around aircrafts/aircraft etiquette2. Obtain required tools, equipment, and materials3. Maintain work area4. Operate tools and equipment safely5. Use technical manuals and drawings (blueprint reading)6. Perform preventative maintenance7. Perform preflight aircraft service8. Assist with basic wiring

POST-SECONDARY PATHWAY OPPORTUNITIES

There are several post-secondary pathway opportunities in this area. The following is a partial list.

- Aviation Technician Powerplant
- Aviation Mechanic (Airframe)
- Information Technology (IT) Network (Avionics Technician)