



# Airframe and Powerplant (A&P)

Youth Apprenticeship

## AIRFRAME AND POWERPLANT (A&P)

---

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

**Length of Apprenticeship:** One year. Youth apprentices must complete the Aviation Maintenance Fundamentals prior to entering the Airframe and Powerplant (A&P) youth apprenticeship.

## OCCUPATIONAL COMPETENCIES

---

Airframe and Powerplant (A&P) youth apprentices must complete **a total of 9** Airframe and Powerplant (A&P) competencies in year 1. Employers can substitute up to **1** competency in each year with other occupationally appropriate skills. Substitutions must be added to the competency list for assessment. Note that where necessary, skills can be simulated.

Competencies
1. Assist with aircraft engine maintenance
2. Service aircraft fire detection and extinguishing systems
3. Service aircraft engine cooling systems
4. Service aircraft engine exhaust system
5. Service aircraft oxygen systems
6. Assist with basic sheet metal work
7. Assist with service to rigging and controls
8. Assist with maintenance to non-metallic structures
9. Assist servicing of landing gear, brakes, and wheels

## 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)