

KP Aviation Services

30-Month AMT Apprenticeship Program Outline

KP Aviation Services

30-Month AMT Apprenticeship Program

FAA Certification-Aligned Curriculum

Program Overview:

KP Aviation Services, based in Idaho Falls, Idaho, offers a structured 30-month apprenticeship program tailored for future FAA-certified Airframe and Powerplant Technicians (A&P). This program blends classroom instruction with on-the-job training (OJT) and includes mentorship, compliance education, and progressive skill development in a hands-on aircraft maintenance environment.

Program Phases:

Months 1-12: Orientation, Safety & Foundational Maintenance

- FAA and workplace safety regulations
- Personal protective equipment (PPE) usage
- Tool and equipment training and maintenance
- Aircraft systems orientation (airframe and powerplant)
- Basic inspections and servicing techniques
- Logbook documentation and maintenance recordkeeping
- Supervised inspections and participation in routine service calls

Months 13-18: Intermediate Systems Training

- Introduction to hydraulic and pneumatic systems
- Avionics and basic electrical systems
- Aircraft structures and minor repair procedures
- Engine start-up/shut-down and component integration
- Intermediate troubleshooting and diagnostics

Months 19-24: Advanced Troubleshooting

- In-depth diagnostics of electrical and avionics systems

- Complete engine overhaul exposure
- Independent fault identification with mentorship oversight
- Advanced powerplant and structural inspection techniques

Months 25-28: Leadership & Specialization

- Lead supervised team-based projects
- Specialization track (airframe, powerplant, or avionics)
- Participate in quality assurance reviews and safety briefings
- Mentor junior apprentices

Months 29-30: FAA Certification Preparation (5 weeks)

- Full test prep for FAA written, oral, and practical exams
- Scheduling and administrative guidance for exams
- Final skill assessments with lead mechanics
- Participation in oral/practical mock boards
- Career mentorship and exit interview

Upon Completion:

Graduates will be fully qualified to sit for their FAA A&P exams and transition into full-time aircraft maintenance technician roles. Apprentices receive a formal certificate of completion from KP Aviation Services acknowledging program mastery.

Location:

KP Aviation Services

1940 International Way

Idaho Falls, ID 83402