



# AABI Educator Response Maintenance

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# Required Qualifications.....

- Graduates from AABI Part 147 maintenance programs find a mismatch between education and entry level job requirements
- Possessing a two- or four-year degree in aviation maintenance tends to be valued only after moving up in the maintenance management organization

# Aircraft Line Maintenance

<b>Required Skills:</b>	<ul style="list-style-type: none"><li>• Strong knowledge of aircraft systems</li><li>• Ability to troubleshoot and problem solve</li><li>• Knowledge of FAA regulations</li></ul>
<b>Education:</b>	<ul style="list-style-type: none"><li>• 4+ years experience preferred</li></ul>
<b>Certification:</b>	<ul style="list-style-type: none"><li>• Airframe and Powerplant License</li></ul>
<b>Key Duties:</b>	<ul style="list-style-type: none"><li>• Work in compliance with procedures and policies established in approved Alaska Airlines manuals</li><li>• Exercise authority of an Airman Certificate</li><li>• Sign and log action in maintenance documents for airworthiness release or return to service</li></ul>

# Planning, Routing, and Scheduling

## Required Skills:

- 3 years of experience in airline operations, maintenance planning, or aviation management
- Familiarity with Maintenance Planning disciplines
- Research experience and familiarity with Service Bulletins and Airworthiness Directives

## Certification:

- Airframe & Powerplant License preferred

## Key Duties:

- Support, execute, and plan, approved aircraft and component modification
- Develop and implement contingency plans
- Schedule maintenance and route aircraft



## Minimum Requirements:

- Valid Airframe and Powerplant license issued by the FAA
- Ability to pass FAA required drug screening and background check
- Set of tools that meet ExpressJet specifications

While job requirements can vary from position to position, all Endeavor Air employees must be a minimum of 18 years old, possess at least a high school diploma or GED, and be authorized to work in the United States.

## Qualifications

**QUALIFICATIONS** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. **EDUCATION** and/or **EXPERIENCE** High school diploma or general education degree (GED) required. Must have a minimum of 1 year related experience and/or training. -May or may not have an A and/or P license -Some maintenance experience (including relative experience outside of Aviation) -Must possess and be able to skillfully use the minimum



# Entry Level Technicians

- High school diploma or G.E.D.
- A&P certificate in most cases
- Maintenance experience



# AABI's Challenge

- AABI maintenance programs need to clearly articulate what skills a graduate possesses beyond those for technical certification
  - Refer to the general criteria, which is what employers tell us they seek
- Why do professional pilot and management entry levels require, or prefer, a 4-year degree but not maintenance?

# Quality Control, Assurance, Inspection

## Required Skills:

- 3 years exp. in aircraft maintenance environment
- QC/QA and Air Transportation Oversight System exp.
- Aviation maintenance quality and safety systems, practices, and disciplines
- Knowledge of Federal Aviation Regulations and Coordinating Agency for Supplier Evaluation policies

## Education:

- Bachelors Degree in aviation-related field

## Certification:

- FAA A&P Certificate and Quality Certification

## Key Duties:

- Conduct safety and compliance audits and program assessments
- Develop quality/safety standards and checklists that incorporate FARs and industry best practices
- Develop preventive actions in response to findings





# No Easy Solutions.....

- The fact is that entry level technicians have not needed a degree to be considered and be successful
- AABI has not yet convinced degree maintenance programs of the value of program accreditation – mainly since the employers aren't asking for it
- ***We need industry to discuss why they do, or don't, look for degrees in hiring***



Thank You For Your Attention  
Questions and Discussion

