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Transport Canada  
Approved Maintenance Organization  
**AMO 88-98**

## Aircraft Maintenance Engineer - Electronics (AME-E)

### Summary of the Position

Working within our AMO and reporting to the Director of Maintenance, the AME is expected to carry out, with minimal supervision, the inspection, maintenance, repair, troubleshooting, upgrades, and modification of aircraft in accordance with the Canadian Aviation Regulations, our approval ratings, and all applicable airworthiness requirements including company policies and procedures.

You will be granted an Aircraft Certification Authority in line with your skills and experience.

As an AME-E you are expected to mentor and train unlicensed personnel for the sake of the trainee and for the overall benefit of the organization and the client's safety.

Besides your technical team members, you will also work closely with the staff in the Parts Department.

From time-to-time you will be asked to explain, educate, and support customers through their avionics questions.

### Main Accountabilities

- Consistently demonstrate a concern for safety
- Consistently perform your work in accordance with Transport Canada regulations and the organization's Quality Management System.
- Conduct Control System Inspections on your work and as requested by team members.
- Certify maintenance releases and other related maintenance documentation, within the scope of the granted Aircraft Certification Authority.
- Guide, direct, mentor and in some cases supervise unlicensed personnel assigned to you. Recommend further training to the Director of Maintenance and/or the Quality Manager.
- Manage your AME license renewals.
- Assist in the good housekeeping of the shop work areas and shop equipment.

The above is not an exhaustive list of accountabilities and you will be expected to perform different tasks as necessitated by your changing role within the Business and the overall objectives of the Business.

### Duties:

- Conduct regular inspections, troubleshooting, and maintenance of avionics systems in accordance with Transport Canada regulations.
- Perform scheduled maintenance tasks, including system checks, component replacements and upgrades, while maintaining compliance with manufacturer specifications.
- Identify and rectify avionics-related discrepancies and faults using established procedures and industry best practices.
- Ensure accurate documentation of all maintenance activities, repairs, and modifications in accordance with Canadian regulatory requirements.
- Collaborate effectively with cross-functional teams and departments to address and resolve avionics-related issues promptly.
- Perform functional tests on repaired or upgraded systems to ensure proper functionality and safety compliance.
- Stay in tune with technological advancements and updates in avionics systems.

- Review scope of assignments and evaluate project needs including your own skill set. Self-identify skill gaps to the Maintenance Director.
- Review work accomplished and conduct certifications within your authority.
- Use the company library for information, check relevancy before use.
- Use the company special tooling, check condition and calibration records before use. Monitor the tool and equipment condition and needs of the AMO.
- Shift priorities when called to assist in the performance of unscheduled maintenance; effectively prepare and perform related maintenance work, including documentation.
- Attend and effectively participate in production meetings at the call of the DOM.
- Appropriately greet clientele on site at encounters. At customer sites, perform work and professionally represent the company.
- Guide and assist stores personnel with part information as requested.
- Contribute positively to the company's core values of leadership, teamwork and delivering more.
- Contribute positively to company culture principles.
- Other duties as assigned by management.

The above is not an exhaustive list of duties and you will be expected to perform different tasks as necessitated by your changing role within the Business and the overall objectives of the Business.

#### **Qualifications and Skills:**

- Transport Canada current AME-E license.
- Strong mechanical aptitude
- Ability to work individually or with a team.
- Problem solving, troubleshooting. critical thinking skills

#### **Behavioral Competencies**

- Concern for Safety
- Results oriented: time management, organizational, ability to prioritize; procedure and process driven.
- Work well under pressure
- Listens; communicates openly, honestly; fairly, respectfully.
- Builds trust with personal and team interactions.
- Teamwork focused; enabling collaboration and commitment.
- Positive personality, with leadership and team building skills.
- Ability to remain calm in pressure situations.
- Computer fluency
- Strong English skills essential

**Working Terms / Environment**

**Hours:** Monday – Friday 8am – 5pm.

Ability to:

- Lift at least 20 pounds.
- Stand for periods of time not to exceed one-hour duration;
- Kneel for periods of time not to exceed one hour in duration.
- Perform work while laying on you back not to exceed one hour in duration.
- Perform work at heights on ladders and other height apparatus.
- Perform work in a variety of outdoor climate conditions.

**Resumes with reference by email only to [miguel@sosavionics.com](mailto:miguel@sosavionics.com). No phone calls please.**