

Requirements to hold an Aircraft Maintenance Engineers (AME) Licence

Quick Reference

The completion of an Aircraft Maintenance Engineer Licence earns an individual the privilege of signing a maintenance release pertaining to the rating earned. The requirements to hold an AME licence are:

- Be at least 21 years of age
- Complete a Transport Canada (TC)-approved AME basic training program (or one that is acceptable to Transport Canada) applicable to the rating requested
- Acquired the applicable amount of total, specialty, and civil aviation maintenance experience*
 - AME- M & E - 48 Months Total
 - Specialty – 12 months
 - Civil – 6 months
 - AME – S - 36 Months Total
 - Specialty – 24 months
 - Civil 6 months
- Have performed no less than 70 percent of the items listed in Appendix B of Airworthiness Manual (AWM) 566 that are applicable to the rating sought. – This is achieved by the submission of an appropriately completed personal logbook or an appropriately completed list of maintenance tasks per Appendix B of AWM Chapter 566.
- Complete the applicable technical knowledge examinations. Credit for the technical examinations may be granted to applicants who have successfully completed TC approved basic training from an applicable Approved Training Organization (ATO). *
- Complete the Regulatory Requirements (CAR) examination.
- Submit an application with the correct form and all other required documentation

*NOTE: Provided you meet the Transport Canada accreditation requirements, most colleges accredit 18 months towards an AME-M or E licence and 10 Months towards an AME-S Licence. In addition, exams taken within accredited colleges qualify as the technical knowledge exams. If you attend a college inquire about their specific Transport Canada accreditation.

AME Licence Categories

Aircraft Maintenance Engineer – M

AMEs with an M category perform general maintenance, inspection, and repair on aircraft. Items include airframe, engines, propellers, components, structures, and systems of those aircraft. There are two subcategories:

- M1 – Non-turbojet aircraft with a Maximum Certified Take-Off Weight (MCTOW) below 12,566 lbs (5700 Kg). (aircraft built to Standard 522, 523, 523-VLA, 527, 549)
- M2 - All aircraft not included in M1

Aircraft Maintenance Engineer – E

AMEs with an E category perform service, inspection, and repair on aircraft electronic systems. (Includes communication, pulse, navigation, auto flight, flight path computation, instruments and the electrical elements of other aircraft systems, and any structural work directly associated with the maintenance of those systems) – E category work is considered specialized maintenance.

Aircraft Maintenance Engineer – S

AMEs with an S category perform inspection and repair on aircraft structures. (Includes all airframe structures) – S category work is considered specialized maintenance.



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