

CERTIFIED AERONAUTICS MAINTENANCE TECHNICIAN

Nature of work

The principal and customary work of the employee in this employment class consists in the maintenance, repair and inspection of aircraft in order to certify the airworthiness according to Transport Canada's standards.

Required qualifications

Schooling

To have a diploma of college studies in aircraft maintenance or a diploma or an attestation of studies which is recognized as equivalent by the competent authority.

To have the legal qualifications prescribed by regulation for this employment class.

Some characteristic duties

The employee in this employment class participates in the inspection and maintenance tasks before and after flights; he certifies an aircraft's airworthiness by signing the log book, which reports the work completed on the aircraft.

During maintenance duties at regular intervals, he supervises the reassembly of parts, helps, if needed, and makes sure the instructions have been observed to the letter; he makes general inspections on the aircraft and carries out repairs for which the signature of a certified technician is required.

If needed, he makes drafts and establishes the specifications of the parts to be replaced; using precision instruments, he carries out tests on engines or other parts to ensure the aircraft's flight holding; he keeps files on the aircraft's engines and other parts.

He acts as an attendant during aircraft inspections; in the scope of his functions, he organizes inspection schedules for each stage of the maintenance program.

He develops procedures, standards and instructions for the inspections, according to the rules set out by the competent authority; he keeps an up-to-date inventory of those rules and alters, if needed, the inspection process.

He informs his superiors when the time has come to inspect an aircraft; he makes sure the files of all aircraft parts are up-to-date and inspects them according to fixed schedules and when necessary.

He assists the teaching staff in the preparation, presentation, supervision and evaluation of training periods or workshops, and carries out laboratory technician duties in the field of aeronautics maintenance.

He is called upon to coordinate the work of support personnel involved in technical operations or programs for which he is responsible and to train less experienced personnel.

If need be, he performs any other related tasks.