

Aircraft structures technician

Structures technicians focus on the aircraft's physical structure and associated materials. Their work is distinct from creating the engineering design and from production-only assembly. Civil and military routes can build related skills, but one route does not automatically confer the other's privileges.

What the role does

- Support structural repair and modification activity. [EMP1, EMP2]
- Interpret engineering drawings and communicate aircraft status. [EMP1]
- Maintain documented, controlled workshop work. [EMP1, EMP2]

Where the work happens

Bombardier's Hartford service centre uses a weekend shift; the Canadian military example combines structured training with service duties.

Employer example 1

Bombardier / Learjet Inc • United States • Structures Technician - Weekend Shift

Vacancy status unconfirmed not an offer • Checked 2026-10-27 [EMP1]

Category	What this employer states
Other stated conditions	Sheet-metal technical schooling or equivalent; substantial structural repair experience is described as typical. Drawing interpretation, tool control, basic computing and overtime availability are stated. Applicable ground-equipment qualification and airport-badge eligibility are conditional.

One employer and role; not a worldwide entry rule.

Desirable requirements are not separately classified here; do not infer that none apply.

Employer example 2

Canadian Armed Forces • Canada • Aircraft Structures Technician

Standing role description not a vacancy • Checked 2026-10-27 [EMP2]

Category	What this employer states
Essential in this source	The entry-plan section specifies secondary completion with particular mathematics and, for the English route, English courses.
Desirable in this source	Transport Canada-accredited AME-S diploma is described as ideal.
Other stated conditions	Military basic and occupation training; service obligations apply to subsidised study routes.

Military employment description, not a civilian licence-equivalence decision.

PREPARE AND VERIFY

Separate requirements from preparation

United States civil maintenance: FAA identifies supervised or approved-organisation routes for uncertificated maintenance work; task and employer limits still matter. [REG1]

Canadian military example: Military admission and service conditions require a separate assessment; civilian maintenance-release recognition is unresolved here. [EMP2]

Still to verify: Second example is military, not a second civilian employer. Full Canadian civilian recognition review is pending.

Explore a realistic entry route

- Choose whether you are investigating military service, civilian maintenance or manufacturing; compare their actual duties.
- Review local structural-maintenance training and employer-supported routes without treating the experienced weekend vacancy as a beginner standard.
- Practise drawing literacy and precise recordkeeping, then seek supervised learning that documents real competence.

Build evidence of your skills

- Draw a simple non-aircraft cardboard object in three views and log a deliberate drawing revision.
- Create a fictional tool-accountability checklist and explain how you would report an unresolved count mismatch.

Prepare for an interview

Reflection prompts only, not questions claimed to be used by an employer.

- What would you do if a drawing revision could not be confirmed?
- How would you distinguish your own training record from authority to approve someone else's work?

Investigate possible next roles

Investigate structural specialisation, inspection or team leadership; any certifying role has separate eligibility and authorisation.

Sources and scope

[EMP1] [Bombardier / Learjet Inc Structures Technician - Weekend Shift](#)

Vacancy status unconfirmed not an offer. United States. Checked 2026-10-27.

[EMP2] [Canadian Armed Forces Aircraft Structures Technician](#)

Standing role description not a vacancy. Canada. Checked 2026-10-27.

[REG1] [Federal Aviation Administration Become an Aviation Mechanic](#)

Mechanic certification FAQ Not a determination of personal eligibility, task privileges or foreign licence recognition. Checked 2026-10-27.

Educational reference. Verify current requirements with the relevant authority and employer. Job-specific and country-specific conditions are not worldwide eligibility rules. Requirements shown are selected examples, not complete application checklists. A visible listing is not a guarantee that recruitment remains open. Exercises use invented, non-operational material; do not inspect, modify, repair, test or release real aircraft or components. No job guarantee.