



Canadian Council for Aviation & Aerospace
Conseil canadien de l'aviation et de l'aérospatiale

Personal
Logbook

Carnet
personnel

Aircraft Gas Turbine Engine Repair & Overhaul Technician

Technicien(ne) en réparation et révision de turbines à gaz d'aéronefs

Name/Nom _____
Employee No. _____ N° matricule _____
Location _____ Lieu de travail _____
Mailing Address _____ Adresse postale _____ _____ _____
Tel./Tél. _____ Fax/Télec. _____
E-mail/Courriel _____

IF FOUND PLEASE RETURN TO OWNER.
SI TROUVÉ, PRIERE DE RETOURNER À SON PROPRIÉTAIRE.



Aircraft Gas Turbine Engine Repair & Overhaul Technician Technicien(ne) en réparation et révision de turbines à gaz d'aéronefs

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Evaluator Instructions

The appropriate Evaluator Data Sheet of the Logbook and sign at the The evaluator plays a key role in the CCAA certification system by mentoring, witnessing and attesting to the applicant's successful completion of required tasks. The CCAA evaluator is an aviation practitioner with experience in the same occupation as the applicant seeking certification. Usually in a supervisory position, he is thoroughly familiar with the tasks identified in the CCAA logbook and is able to assess the applicant's abilities to carry out the assigned tasks effectively and without supervision.

Evaluators are appointed by the Council based on recommendations by the applicant's employer. To nominate an individual for evaluator status, the employer must forward a formal letter of nomination to the CCAA Registrar, along with a completed Evaluator Data Form. A résumé outlining the individual's background and experience in the occupation is also required.

Individuals approved by the Council to act as evaluators receive a copy of the national occupational standard for their occupation, as well as a certificate. They are then authorized to sign applicant logbooks in their specific occupation.

The duties of the evaluator include:

- Supervising the applicant performing the task.
- Filling in the appropriate Evaluator Sheet in the logbook.
- Attesting that the applicant has completed each task in a satisfactory manner and in compliance with current standards, including:
 - identifying the appropriate standards;
 - selecting and properly using the correct tools;
 - performing the task without supervision;
 - completing all necessary documentation

The evaluator is responsible for ensuring that the applicant meets all the requirements for certification, including training, experience and competency to carry out these mandatory tasks without supervision. The evaluator must ensure that he only attests to those facts of which he has personal knowledge.



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Requirements for Certification

This logbook contains tasks and sub-tasks common to most **Aircraft Gas Turbine Engine Repair and Overhaul Technicians** as defined in the National Occupational Standard. To qualify for certification with the Canadian Council for Aviation & Aerospace (CCAA), candidates must possess the necessary knowledge and skills and have successfully performed the required tasks and sub-tasks specified in this document in the presence of a CCAA-approved evaluator.

Certification as an Aircraft Gas Turbine Engine Repair and Overhaul Technician requires that all tasks indicated as mandatory (**M**) be completed. As well, 70% of the optional sub-tasks within the logbook **must** be completed for full certification.

Tasks and sub-tasks applicable to most Aircraft Gas Turbine Engine Repair and Overhaul Technicians have been printed on the left-hand pages of this document. The right-hand pages are to be used by the CCAA-approved evaluator to certify that the corresponding sub-tasks on the left-hand pages have been completed satisfactorily and that the candidate is competent.

Tasks in this logbook were made as generic as possible to accommodate a wide variety of work environments and equipment/tools but do not necessarily cover all tasks performed by workers in this occupation. Blank lines have been provided to accommodate options that the evaluator deems important. Signatures of evaluators are considered valid only if the evaluator has been approved as such by CCAA. Evaluators should review the Evaluator Instructions in this logbook before beginning.



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Requirements for Certification (continued)

Technicians currently working as Aircraft Gas Turbine Engine Repair and Overhaul Technicians, must accumulate at least thirty-six (36) months experience in the occupation to qualify for certification. CCAA recognizes a diploma from a CCAA-accredited training organization, a Transport Canada Approved Training Organization (or recognized equivalent) as part of the minimum trade requirement on a month-for-month basis to a maximum of twelve (12) months.

If you have any concerns regarding your limitations or training to perform a specific task please state them in the "Supporting Documentation" column.

For certification in this occupation, please send the completed logbook along with a request for review and the appropriate fee to the Council at the following address:

Canadian Council for Aviation & Aerospace

Suite 155-955 Green Valley Crescent

Ottawa, Ontario K2C 3V4

Tel: 613-727-8272

Toll-free: 1-800-448-9715

Fax: 613-727-7018



Engine Inspection (Incoming)

Task 4 Verifies documentation.

Tâche 4 Vérifier la documentation.

4.01 Refers to manuals and documentation.

 Se reporter aux manuels et à la documentation.

4.02 Verifies serial number and engine type.

 Vérifier le numéro de série et le type du moteur.

4.03 Verifies documentation to determine reason for component/engine removal.

 Vérifier la documentation pour déterminer la raison du retrait du composant ou du moteur.

4.04 Checks logbooks.

 Vérifier les registres.

4.05 Inducts engine and itemizes part numbers and serial numbers.

 Introniser le moteur et énumérer les numéros de pièce et de série.

4.06 Determines scope of work.

 Déterminer la portée du travail.

Applicant's Name
 Nom du candidat

Signature



Engine Disassembly

Task 8 Disassembles modules/sections/external accessories.

Tâche 8 Démonter les modules/sections/accessoires externes.

8.01 Refers to manuals and documentation.

Se reporter aux manuels et à la documentation.

8.02 Verifies documentation.

Vérifier la documentation.

8.03 Performs checks according to instructions.

Procéder à des vérifications conformément à des instructions.

8.04 Identifies condition of parts.

Déterminer l'état des pièces.

8.05 Match-marks parts.

Inscrire des repères d'assemblage sur les pièces.

8.06 Disassembles gear boxes.

Démonter les boîtes d'engrenages.

8.07 Disassembles compressor modules/sections.

Démonter les modules/section du compresseur.

8.08 Disassembles turbine modules/sections.

Démonter des modules/sections de la turbine.

8.09 Disassembles combustion modules/sections.

Démonter les modules/sections de la chambre de combustion.

Applicant's Name
Nom du candidat

Signature



Parts, Modules and Sections Inspection

Task 11 Conducts inspections.

Tâche 11 Effectuer les inspections.

11.01	Refers to manuals and documentation. Se reporter aux manuels et à la documentation.
11.02	Conducts visual inspections. Procéder à des inspections visuelles.
11.03	Conducts dimensional inspections. Effectuer des inspections dimensionnelles.
11.04	Conducts or arranges for pressure tests. Effectuer ou prendre les dispositions nécessaires pour faire effectuer des essais de pression.
11.05	Conducts or arranges for hardness test. Effectuer ou prendre les dispositions nécessaires pour faire effectuer des essais de dureté.
11.06	Conducts functional tests. Effectuer des essais fonctionnels.
11.07	Determines action. Déterminer les mesures de suivi à prendre.
11.08	Completes documentation. Remplir la documentation.

Applicant's Name
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Signature



Engine Assembly

Task 16 Assembles parts into sub-assemblies.

Tâche 16 Assembler des pièces en sous-ensembles.

16.01	Refers to manuals and documentation. Se reporter aux manuels et à la documentation.
16.02	Assembles rotors (compressors and turbines). Assembler des rotors (compresseurs et turbines).
16.03	Conducts and records dimensional checks. Effectuer et consigner des vérifications de dimensions.
16.04	Assembles casings. Assembler des carters de moteurs.
16.05	Balances rotors. Équilibrer les rotors.
16.06	Documents work performed. Documenter le travail effectué.

Applicant's Name Nom du candidat	Signature
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