

RAA 415 / PARENT AIRCRAFT MANUFACTURING Inc.

ADVANCED AIRCRAFT ASSEMBLY WORKSHOP 9Th edition

Location: École Nationale d'Aérotechnique
5555 rue de l'ENA
St-Hubert J3Y8Y9

Date: March 7, 2026
Time: 7 :30 h to 4 :30 h

Course Outline

Description: The purpose of this workshop is to familiarize the participants with the basics of different types of assembly of parts and the manipulation of various tools used during exercises.

Objectives: By the end of this course, participants will be able to:

- Handle and use tools related to repair.
- Be able to assemble sub-assemblies.
- Evaluate the final result according to standard specifications.

Course content:

- How to repair a hole that is drilled too close to the edge of a part.
- Assembly of parts, butt joint.
- Replace on a straight line a series of misaligned holes.
- The pre-hole of a bolt is drilled crooked, how to put it straight.
- Place lock-wire on bolts.
- A hole is drilled too close to a radius of a part, what do we do?
- Install nutplates.
- When assembling an access door, respect the gap all around.
- Transfer hidden holes by another piece over them.

Day schedule:

The workshop starts at 8:00. This course is divided into 9 parts. Each part begins with the necessary instruction and we all proceed step by step during exercises. Lunch will be around 12:00 and will last about 3/4 hours. Bring your lunch, snacks, drinks and / or coffee. We will have access to the premises of the cafeteria despite the fact that it is closed. The activity ends at 4:30h.

Cost:

An amount of \$175 is required to cover the parts manufacturing, the hardware, print the training manual and the room allocation. The entire amount is payable the day you register. Send an e-transfer payable to the attention of:

Guy Deraspe, treasurer of the Fédération de pilotage sportif du Québec, g.deraspe@gmail.com
Or

Michel Parent, instructor, info@parentaircraftmfg.com

Please join your information and e-mail address.

Enter my e-mail into your computer address book to avoid my communications go to your trash mail.

Author and Instructor:



Michel Parent

info@parentaircraftmfg.com

www.parentaircraftmfg.com

(514) 974-6695

Rev: 02