

# **RAA 415 / PARENT AIRCRAFT MANUFACTURING Inc.**

## **ADVANCED AIRCRAFT ASSEMBLY WORKSHOP 8<sup>Th</sup> edition**

**Location:** École Nationale d'Aérotechnique  
5555 Place de la Savane  
St-Hubert J3Y8Y9

**Date:** March 1<sup>st</sup>, 2025  
**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 \$155 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](mailto:g.deraspe@gmail.com)**

**Or**

**Michel Parent, instructor, [info@parentaircraftmfg.com](mailto: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](mailto:info@parentaircraftmfg.com)

[www.parentaircraftmfg.com](http://www.parentaircraftmfg.com)

(514) 974-6695

Rev: 01