

# RAA 415 / PARENT AIRCRAFT MANUFACTURING Inc.

## ADVANCED AIRCRAFT ASSEMBLY WORKSHOP 4<sup>th</sup> edition

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

**Date:** February 29<sup>th</sup>, 2020  
**Time:** 7 :30 to 4 :30

### 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 instructions 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 \$100 is required to cover the parts manufacturing, the hardware, print the training manual. The entire amount is payable the day you register. Send a check payable to: Fédération de pilotage sportif du Québec, send to the attention of :

Guy Deraspe, trésorier.

42 des Génévriers

St-Jean-Sur-Richelieu, Qc. J2W1J9

**Please join your information and e-mail**

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Rev: 01