

Provincial Scope Document

Aerospace Technology (Integrated) 2019

Schedule

<i>Contest length</i>	<i>6.0 Hour</i>
Check In Time	8:30am
Contest Starts Module 1	9:00am
Coffee Break	10:30am
	10:45am
Lunch Module 1 Finished	12:00pm
Module 2 Starts	12:45pm
Coffee Break	14:00pm
	14:15pm
Module 2 Finished	15:00pm
Module 3 Starts	15:15pm
Module 3 Ends	16:00pm

The challenge project was designed to accommodate a Maximum of 6 contestants

Purpose of the Challenge:

To assess the contestants' skills and knowledge in performing basic aircraft maintenance procedures.

Skills & Knowledge to be tested:

Throughout the contest, student's evaluation in the following areas:

Module #1 - Rolls-Royce C250-C20 Series Partial Inspection

Module #2- Rolls-Royce C250-20 Component change

Module #3- Canadian Air Regulations MCQ exam

Contestants must demonstrate skills in the following areas:

Gas Turbine Engine

- **Partial 100 hour inspection. (Module #1)**
- **Component change c/w paperwork and technical entries (Module #2)**

CARs regulation MCQ exam (Module #3)

- **CARs Regulation MCQ exam based on CAR Part V and Part VI. Closed Book.**
 - **References: “CARS for the AME”-Bill Frazer**
“Aircraft Regulations Simplified”-Dave Dueck

Supplied by the organization:

- **Rolls-Royce C250-C20 Series (Qty.6 each)**
- **Rolls-Royce C250-C20 Series Maintenance Manual (Qty.6 each)**
- **Chairs (qty. 12ea)**

Contestant Clothing Tool Requirements:

Competitors are to be dressed in a clean and safe manner.
No jewelry on neck, fingers, hands or wrists.

Contestants to provide their own basic hand tools, flash light, **CSA approved safety glasses, hearing protection, safety footwear** and calculator.

Safety Requirements:

Safety awareness/requirements will be maintained at the minimum industry standards at all times. **A contestant will not be allowed to compete without the safety equipment noted on this scope document.**

Judging Criteria: 3 Modules for 100%

- **Module #1 is worth 45%**
- **Module #2 is worth 45%**
- **Module #3 is worth 10%**

Technical Committee:

Dale Martell - BC Technical Chair

dmartell@okanagan.bc.ca

David Herinkson - Judge/ BC Technical Chair
Deputy

David_Henrikson@bcit.ca

Richard Johnstone - Chief Expert World Skills
NTC Member

Richard_Johnstone@bcit.ca

Hal Hobenshield-Judge

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The Gold medal winner at the BC Skills Competition is eligible to compete at the

[The Gold Medal winner is eligible to contend at the Skills Canada National competition in Halifax, NS May 28-29.](#)

[Skills Canada National Competition](#)

**Skills Canada BC reserves the right to update contest information.
Please check the website for changes.**

The end of Provincial Scope Document