



## *Communiqué*

### **Quebec Aerospace Museum Develops Educational Partnerships**

SAINT-HUBERT, QC, December 16, 2019 --- The Québec Aerospace Museum (QAM/MAQ) is developing educational partnerships with schools in the Greater Montreal area.

"An aviation museum in 2020 can no longer simply be an exhibition space," said Pierre Gillard, Director General of the MAQ. "A museum needs to combine heritage preservation with an educational and community component. In our case this means promoting the aerospace industry and its trades to the general public, and more particularly to the younger generations."

The museum has reached out to four educational institutions in the Montreal area to develop cooperative programs: the the École de technologie supérieure (ÉTS), the École nationale d'aérotechnique (ÉNA) at St. Hubert Airport, the École des métiers de l'aérospatiale de Montréal (ÉMAM) and CEGEP Montmorency in Laval.

A first concrete collaboration agreement was confirmed on December 12, 2019, with the ÉTS in Montreal that will engage two groups of four students in mechanical engineering program. The graduate project involves designing a jig to support the fuselage of the museum's Avro CF-100 Canuck jet fighter (RCAF No. 100760) to facilitate structural repairs and installation of the landing gear. Students will also have to prepare blueprints and draft all the documentation and assembly instructions for the device.

"We could have entrusted this task to some of our Museum members and friends who are engineers or welders, but we would have missed a valuable educational opportunity for aerospace students," said Gillard.

Two of the three founders of the Museum are also professors in the Department of Avionics at the ÉNA, which has already provided its institutional support to several museum projects that engaged aircraft maintenance and avionics students.

The museum is now exploring new opportunities for students from the ÉNA and ÉMAM could actively participate in the restoration or the fabrication of certain components or components of historic aircraft such as the CF-100. Both schools have all the equipment and tools required to perform very specialized aerospace fabrication and maintenance and repair work. This would allow students to gain practical experience in their specialty on a high-profile aircraft restoration project.

A dialogue has also started with instructors in the museum studies (Museology) program at CEGEP Montmorency in Laval to explore opportunities for students studying curating, preservation and public programming to gain practical experience working on future MAQ projects.

"We have discovered that there is widespread public interest in the aerospace industry and its heritage in the Montreal area," said Gillard. "Teachers and students are very excited about the hands-on learning opportunities working with our young museum can provide."



## Information about the schools mentioned:

- CEGEP Montmorency : <https://www.cmontmorency.qc.ca/>
- École des métiers de l'aérospatiale de Montréal (ÉMAM) : <http://ecole-metiers-aerospatiale.csdm.ca/>
- École nationale d'aérotechnique (ÉNA) : <http://ena.cegepmontpetit.ca>
- École de technologie supérieure (ÉTS) : <https://www.etsmtl.ca/>

## About Québec Aerospace Museum :

The Quebec Aerospace Museum was established as a non-profit society at Saint-Hubert Airport in August 2018.

The main objective of the Society is to create a museum on the property of St-Hubert Airport that will showcase for the general public the innovation and achievements of the aerospace industry in Quebec and Canada. The educational programs of the Museum will provide schools, cadets and youth movements with privileged access to the exciting world of aerospace and help stimulate interest in aeronautics and space among younger generations.

## For more information:

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