

Centennial College Downsview Aerospace Campus

Downsview

COLLEGES AND UNIVERSITIES



Renderings courtesy of MacLennan Jaunkalns Miller Architects + Stantec Architects in Association

Client

Centennial College

Consultant

MacLennan Jaunkalns Miller Architects +
Stantec Architects in Association

Project Completion Date

May, 2018

Type of Contract

Lump Sum

Capital Cost

\$43,604,000

Project Description

The renovation of 65 Carl Hall Road to suit the requirements of Centennial College would preserve and extend aerospace programming in a building that has an unparalleled history in Canadian aviation.

The repurposing of this structure involves the reuse of the majority of the existing floorplate, with some selective demolition to allow for new construction sized to accommodate the dimensional requirements for modern aircraft.

The project involves extensive renovations to the de Havilland Building, which will include the construction of new teaching facilities, laboratories and office space for research and development related to structural aircraft assembly, manufacturing and maintenance, research in navigation.

The Aerospace Campus will facilitate the relocation of Centennial's Aircraft Maintenance programs, aircraft and equipment from the Ashtonbee Campus Hangar in Scarborough, which in turn will be renovated to provide additional instruction space for existing programs.

The new campus is the first phase in the development of an Aerospace Hub at Downsview Park, which will consist of two additional elements: the relocation of the University of Toronto Institute for Aerospace Studies (UTIAS), and the creation of an Innovation Centre to bring together academic and industry partners to catalyze new research and development initiatives. Establishing the Aerospace Hub is the mandate of the Downsview Aerospace Innovation and Research (DAIR) consortium, which represents leading academic and industry organizations from Canada's aerospace sector.

The proposed facility will have a GFA of 137,000 sf and will include the:

- Classroom / Lab space (approximately 51,000 gsf)
- Hangar Space (approximately 42,400 gsf)
- College Administrative Space and Auxiliary services (approximately 7,900 gsf of offices and 1,100 gsf of IT /
- Security / Building Maintenance & custodial offices)
- Student commons / Food services / Library resources (approximately 11,000 gsf)

