



KF AEROSPACE CENTRE FOR EXCELLENCE

ABOUT THIS PROJECT

- + Construction of new aviation centre on Lapointe Drive at Kelowna International Airport.
- + The unique “airplane”-shaped building consists of a central two-storey hub (or “fuselage”) with two “wing-shaped” hangars on either side.
- + Includes exhibition spaces, aircraft displays, an airfield viewing gallery, cafeteria area, and conference rooms.
- + Utilized “Made in BC” wood products, including prefabricated mass-timber components.
- + The wood building features dowel-laminated timber for the hub’s roof and floor decking, and cross-laminated timber panels for load-bearing walls in the hangars and a doubly-curved staircase in the centre’s main lobby.
- + The structure’s timber struts and trusses draw heavily from aeronautical engineering.
- + Roof structure is designed to collect rainwater.

LOCATION
Kelowna, BC

SMITH + ANDERSEN
SERVICES PROVIDED
Electrical

KEY TEAM MEMBERS
Meiklejohn Architects
StructureCraft
Sawchuck Developments Co.

SIZE
17,000 sq. ft. (1,600 sq. m.)

BUDGET
\$25 Million

COMPLETION YEAR
2022

HOT BUTTONS

CM

OFFICE SPACE

AIRPORTS/AVIATION

NEW BUILDING

LOW-RISE

MASS TIMBER

WOOD BUILDING

CONFERENCE CENTRE



RENDERING COURTESY OF STRUCTURECRAFT // PHOTOGRAPHY: SHAWN TALBOT, COURTESY NATURALLYWOOD.COM