



KELOWNA INTERNATIONAL AIRPORT KF AEROSPACE EXHIBITION HALL & CONFERENCE CENTRE

KELOWNA, BC



QUICK FACTS

- + Multi-Purpose Aviation Centre
- + Mass Timber Construction
- + 17,000 square feet
- + \$25-Million Budget
- + Wood Design & Building Awards, *SANSIN Sponsorship Award* (2023)
- + Smith + Andersen Electrical



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ABOUT THIS PROJECT

- + 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

AWARDS
Wood Design & Building Awards,
SANSIN Sponsorship Award
(2023)

HOT BUTTONS

CM

OFFICE SPACE

AIRPORTS/AVIATION

NEW BUILDING

LOW-RISE

MASS TIMBER

WOOD BUILDING

CONFERENCE CENTRE



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