

# Aviation & Airport Planning

Inukshuk offers research, land use analysis, site planning & public consultation services to the aviation industry.

We work with a range of specialists to resolve land use concerns, prepare airport master plans & conduct special market studies.



**Inukshuk Planning & Development LTD.**

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## **Whitehorse International Airport Runway Extension**

Inukshuk developed a public consultation program and organized an Open House to explain the expansion plans.

Displays, brochures and comment sheets were prepared and concerns researched to ensure public support.

*Client: Government of Yukon*



## **Schwatka Lake Aviation & Land Use Study**

Inukshuk examined the compatibility of land and water uses on Schwatka Lake in the heart of Whitehorse. The lake is the source of drinking water and is used for recreation and as a floatplane base. The study resulted in recommendations to manage shoreline land use and surface water activities.

*Client: City of Whitehorse*



## **Dawson City Airport Demand Forecast**

The study analyzed the current level and type of airport use, determined the source of present demand and forecast future requirements. It also examined whether present operating limitations were constraining market development or restricting airline industry operations.

*Client: City of Whitehorse*

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## Needs Assessment – Old Crow Air Terminal Building

The ATB is the 'gateway' to the Yukon's only community without road access. Inukshuk prepared a functional needs assessment focusing on tenant and passenger needs, cargo handling and CARS operation requirements.

*Client: Government of Yukon*



## Global Market Access: Aeronautical Market Study, Whitehorse International Airport

Inukshuk provided research support and local knowledge for this technical study which identified the potential international markets, long haul carriers and aircraft types that can now reach and depart from Whitehorse as a result of the extension of the runway to 2,896 metres.

*Client: Government of Yukon*



## Vision 2020: Whitehorse International Airport Development Plan

Inukshuk coordinated public consultation, identified land use, community issues and tenant operational concerns. The firm coordinated local research and provided practical insight into resident and visitor market opportunities.

*Client: Government of Yukon*



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## Yukon Air Cargo Report

This study provided government and industry with a baseline assessment of the current state of the Yukon's air cargo and air courier services. Industry health, current service levels, opportunities and constraints to industry development were examined and benchmarked against airport cargo operations in Alaska, BC and the NWT.

*Client: Government of Yukon*



## Taxiway G: Lot Expansion Site Planning, Whitehorse International Airport

Private hangars and other land uses abut this secondary taxiway. Inukshuk interviewed hanger tenants as well as airport managers in other cities, examined the policies regarding use of these lots and developed 3 site development options for the remaining vacant lands.

*Client: Government of Yukon*

## Whitehorse International Airport Parking & Circulation Study

Inukshuk identified solutions to parking, signage and circulation problems. Airport users were consulted on signage, lot layout, convenience, parking priority and safety issues. This picture illustrates one of our simple sign solutions. The new sign is user-friendly, easier to understand at a distance and has resulted in greater compliance and improved circulation.

*Client: City of Whitehorse*

