

Factsheet - The basics required for an airport

What infrastructure do we need to consider for the airport?



1 AVIATION

Airfield

- Runways
- Taxiways
- Apron
- Runway End Safety Area (RESA)
- Boundary fencing & security
- Airfield & apron lighting
- General aviation / private jet operations & facilities
- Aircraft maintenance
- Rescue Fire
- Air Traffic Control
- Airlines & ground handlers
- Cargo operations
- Aviation refuelling
- Airline catering
- Aircraft engineering
- Snow clearing & de-icing
- Utilities

2 TERMINAL

Customer facilities and services

- Infodesk, first aid, family facilities
- Toilets, lockers, trolleys
- Gate/ airline lounges
- Retail
- ATMs & currency exchange
- Food & beverage
- Check-in area
- Arrivals hall, baggage carousels
- Rental car kiosks
- Technology - Flight Information Displays, Wi-Fi
- Safety & security

Passenger security / facilitation

- Passport control (Customs)
- Biosecurity (MPI)
- Security screening & airfield security (AVSEC)
- NZ Police
- CCTV

3 SURFACE TRANSPORT

Ground transport & car parking

- Safe access & egress
- Public parking
- Rental car pick up and drop off
- Public pick up and drop off areas
- Shuttles
- Public transport
- Coaches
- Taxis
- Luxury transport
- Staff parking

What do we need to make an airport function?



1

Airfield requirements

Flat land, no obstacles like terrain, trees and buildings or light spill.
Enough room for runway length 2,000m - 3,000m.
Right prevailing wind for aircraft to take off and land into the wind.

2

Location

In the arc from the NE and S relative to Queenstown airport and no further away than 2 hours from CBD.

3

Connections

Need connections to power, water, sewage, and roading infrastructures. Local roads should cope with demand or be able to be expanded.

4

Community

Access to local workforce.
Good visitor accommodation.

5

Customer experience

Passengers still experience 'memorable' when arriving/departing. Commute to and from airport is reasonable.

6

Landside Land use and commercial review

Enough land to allow for commercial and retail developments.