

February 2006

Expanded arrivals processing

International terminal developments



Welcome to New Zealand

The international terminal at Auckland Airport is set for further expansion as a new arrivals passenger border processing area is developed to the west of the existing terminal. The development will increase the space available for immigration, quarantine and Customs secondary processing, as well as incorporating a new arrivals duty-free area.

When the international terminal was first opened in 1977, the total floor area was a little over 12,000 square metres. With the various additions and expansions since then, the floor space has grown almost eight-fold to around 100,000 square metres.

The developments in the past few years have enabled an increase in capacity in the short term. With the growth in passengers experienced in recent years, it has become necessary to expand the arrivals passenger facilities to reduce significant bottlenecks at peak hours. In addition, following the completion of the airport's long-term masterplan review, the shape of the terminal in the medium-term can be planned with more certainty.

By 2025, the international terminal is expected to have a second pier with 12 aircraft gates, expanded check-in, departures and arrivals areas and a better duty-free shopping experience for passengers.

The first stage in the overall terminal strategy is to develop a new immigration 'primary line'. This is the line of passport control counters that travellers experience when they enter the country. The new area will be built to the west of the existing terminal, and over time will be incorporated into an enlarged building.

This will vacate the area currently used, which will in turn be incorporated with the existing Ministry of Agriculture and Forestry (MAF) and Customs 'secondary' screening area to create a significantly larger MAF and Customs operational space.

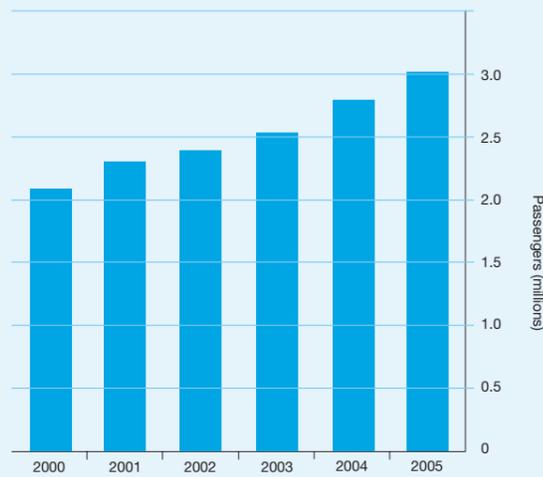
At the same time, the arrivals duty-free shopping precinct will be expanded. This is a popular way for New Zealand and Australian travellers in particular to purchase duty-free.



International terminal developments since 2003:

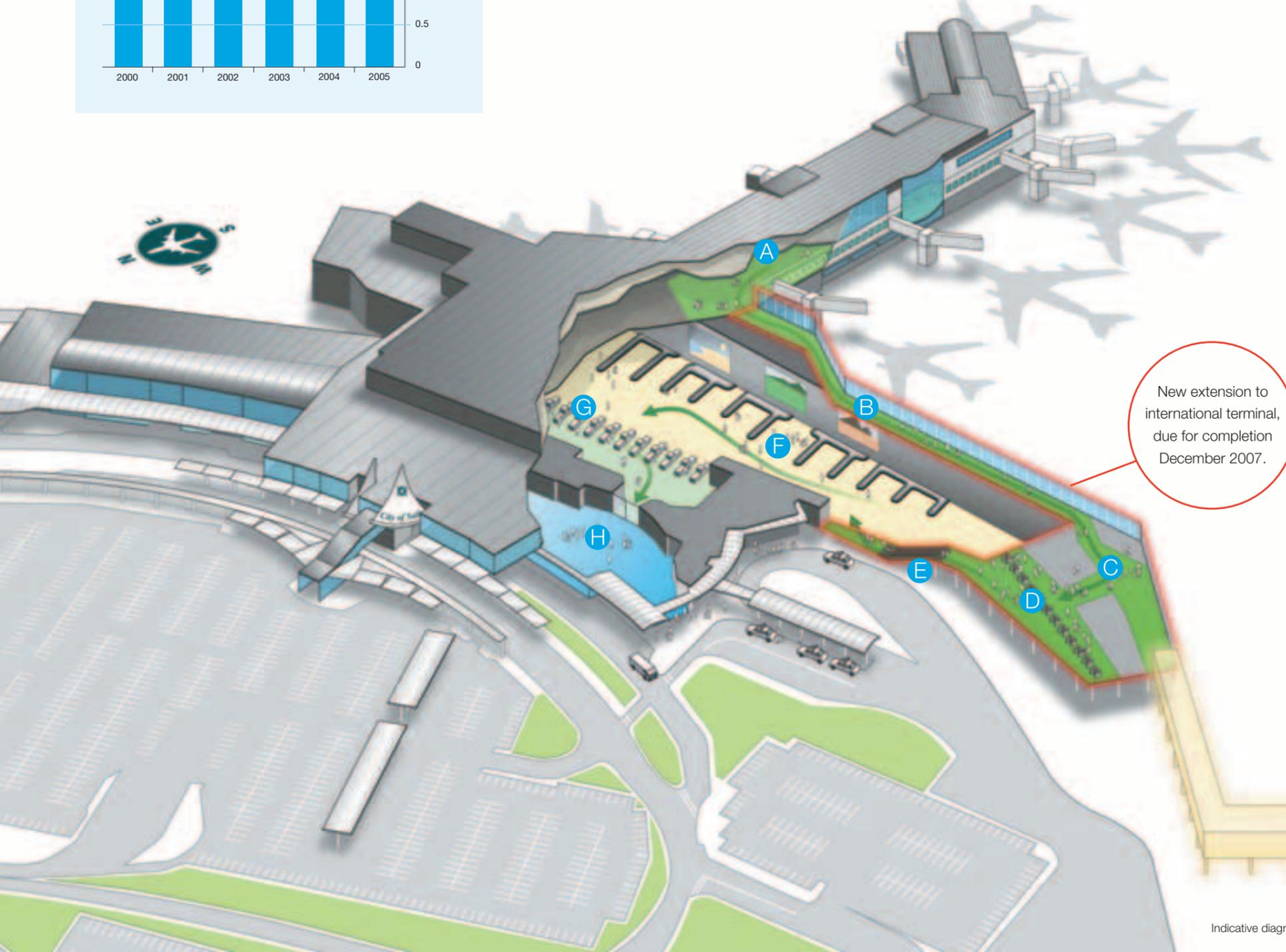
- New level on the pier
- Hold stow baggage screening
- New emigration counters
- New security screening points
- 12 new check-in counters
- More immigration counters
- Expanded space for MAF operations
- Six new aircraft hard stands

International arrivals at Auckland Airport



The international terminal is designed to handle 2000 passengers per hour departing and 500 per 15-minutes on arrival. Flight schedules are planned around these volumes.

As with many projects on-airport, construction will take place on a 'live' site – with passenger, staff and aircraft movement continuing during construction. Necessarily, this all happens in a safe and secure environment.



- A** Passengers disembark aircraft and walk along the existing level of the terminal pier.
- B** A glass-walled walkway takes arriving passengers from the pier to the new arrivals area.
- C** Expanded duty-free will suit New Zealand and Australian travellers in particular who enjoy purchasing on arrival.
- D** Immigration passport control counters will increase from 32 to 44.
- E** Passengers will move down escalators into the baggage claim area at the opposite end from where they do at present.
- F** Passengers collect their luggage from existing baggage carousels.
- G** The Customs screening and Ministry of Agriculture and Forestry secondary screening process will expand into the area that is currently used by the immigration primary line.
- H** Passengers move into the public arrivals hall to "meet and greet" friends and family, for rental car services or to access shuttles, buses or taxis.

New extension to international terminal, due for completion December 2007.

Future 12 gate Pier B development.

Indicative diagram only, not to scale.



1977

The international terminal opens with a public open day prior to operations beginning. The new terminal was highly regarded, with much excitement about the green carpet which represented the fields of New Zealand.



1993

The next major step in the development of the terminal occurred in the early 1990s with the extension to the terminal pier, adding another four airbridge gates and bus gate lounges.



1995 – 1997

An extension to the check-in area added 33 counters, with the rest of the check-in being completed in 1997 to a total of 78. An automated baggage handling system was also installed.



2001

Another tranche of development opened for operation. This included an expanded landside retail area and the development of the airside retail area.



2005

The new level of the pier opened. The new level created a more relaxing environment for departing passengers, with seating and views towards the Manukau Harbour through floor-to-ceiling windows.

Consideration for future expansion

Why is Auckland Airport constructing the new arrivals area well to the west of the existing processing area?

As the terminal is expanded in the medium and long-term, its central point will shift progressively towards the west and north and include the development of a new, 12-gate pier.

A number of alternatives were explored to determine how best the passenger arrivals and departures processing should occur as the terminal grew. Options included two separate processing areas, one for each pier, and retaining the current area.

The terminal expansion planning study (TEPS) group involved in this process included airline and government border agency representatives as well as external airport planning consultants and engineers. The TEPS group identified the current option as the most appropriate for future expansion of the terminal.

This concept is for single arrivals and departures processing areas in the centre of both piers.

Departure

In time, check-in will stretch along the ground floor. There will be escalators and lifts to an expanded public departures floor on the first floor. On this level will be the departures processing area for passport control and security. From there, passengers will move up to the airside departures duty free area and to their aircraft at each pier.

Arrival

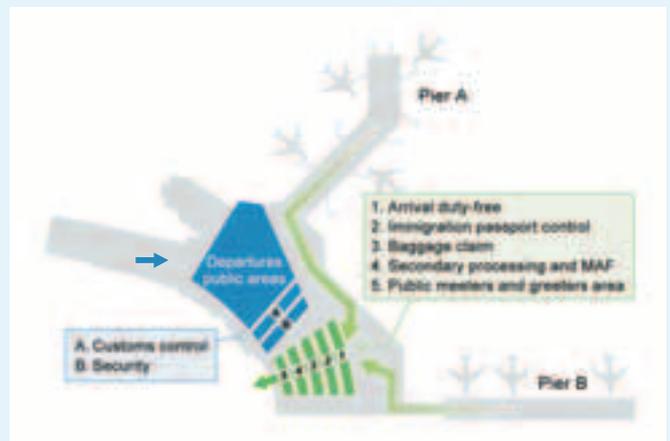
Arriving passengers move along the first floor from their aircraft to an area with arrivals duty-free, passport control, baggage claim, Customs and MAF screening and into the public meeters and greeters area. Passengers will also have direct access at this level into multi-level car parks and to a transport centre, hotel and the domestic terminal facilities.

These developments are set to occur over the next 20 years. The first stage is to expand the passport control area, which will be done in time for the summer period in 2007/08.

As with all infrastructure investment in capacity, the development of the international terminal will be rolled out in a timely, sustainable and responsible manner, closely matched to the demand environment. Capacity expansion will take place incrementally.



Ground floor – concept passenger flow



First floor – concept passenger flow



Second floor – concept passenger flow

Indicative concept diagrams only, not to scale and areas do not denote actual size or position of final areas.

With the planned ongoing growth of the airport, the developments outlined in this brochure will contribute to Auckland Airport's provision of world-class facilities and services that support the prosperity and growth of the region and the whole nation. **For more information, please see the Auckland Airport website: www.auckland-airport.co.nz. Click on the Building New Zealand's Gateway logo.**