



The new runway

- The requirement for and location of a new runway has been planned for since the 1980's.

When will the new runway be operational?

We have brought forward the construction of the new runway to meet demand in the near future and important early stage planning for the project has already progressed.

We engaged National Air Traffic Services (NATS), the United Kingdom's air navigation service provider, to assist with determining when the new runway should be constructed.

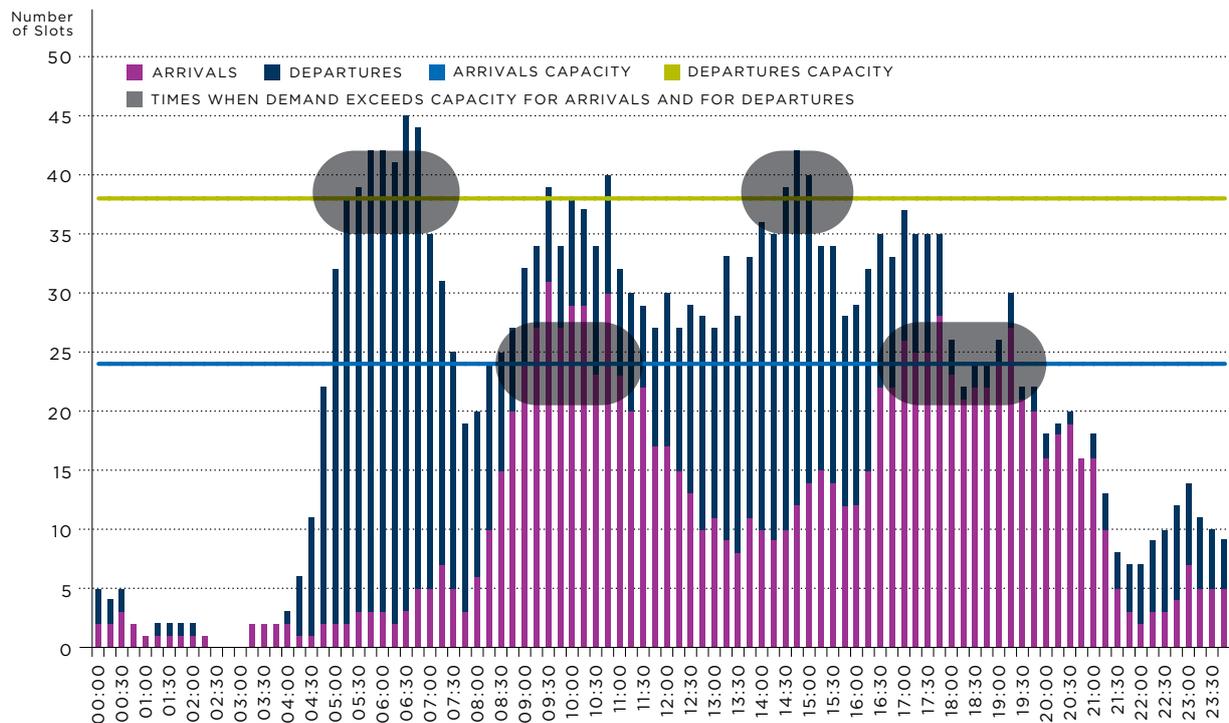
Based on their analysis and comprehensive interaction with Airservices Australia and airlines, the construction of a new runway (03R/21L) is scheduled for completion before the end of this decade subject to demand.

Consultation with airlines on the timing and design of the new runway is now largely complete. During the next two years, extensive community consultation will be undertaken on the new runway project and approvals will be sought in accordance with the *Airports Act 1996*. An additional period of approximately two years will be required to construct the new runway, assuming approvals are granted.



Although the schedule coordination system (slots) has delivered airfield and airspace efficiencies, the extent of performance improvement will not meet the current or future demand for mid-week early morning departures or the corresponding afternoon arrivals peak period.

WEDNESDAY TOTAL RUNWAY SLOT DEMAND - WINTER 2013 SEASON



Source: Data sourced from Airport Coordination Australia

Why is the new runway needed?

Due to the nature of the resource sector's fly-in fly-out (FIFO) workforce deployment and the need to time many international flights to connect to other services at hub airports, Perth Airport experiences significant peak periods at particular times during the day and night.

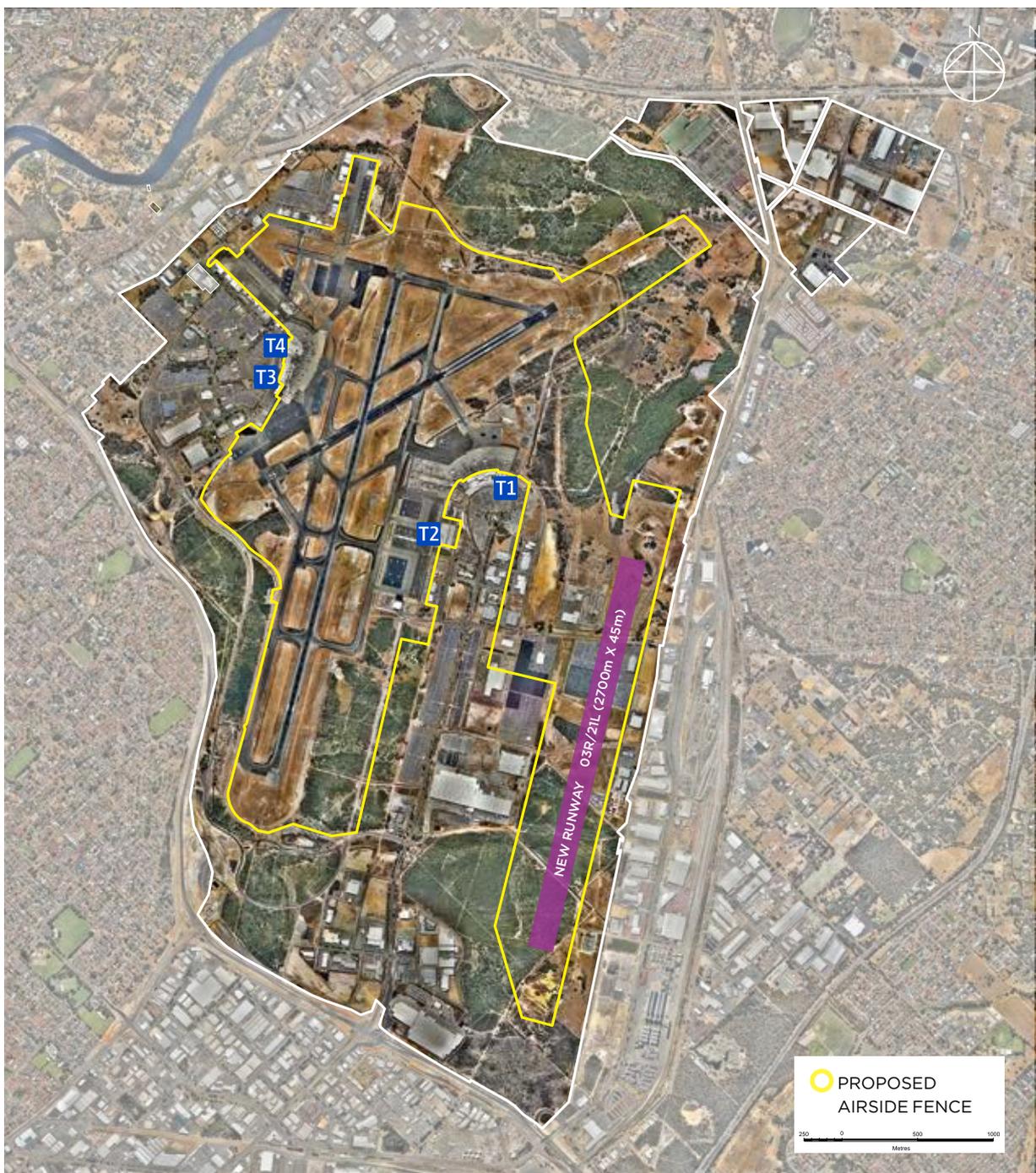
During the morning peak period, approximately 80 per cent of aircraft movements at Perth Airport are departures and only 20 per cent are arrivals.

In the early morning, there is a departures peak that sees up to 40 aircraft departing each hour for a two to three hour period.

In the afternoon, there is an arrivals peak which sees up to 24 aircraft arriving each hour for a two to three hour period. Current demand exceeds the capacity in peak periods across the day.

We have been working closely with Airservices and airlines to enhance capacity from the existing runway system through the Airport Capacity Enhancement (ACE) program. One initiative included the implementation of a schedule coordination system (commonly called 'slots') which resulted in a 60 per cent reduction in arrivals and departures delays.

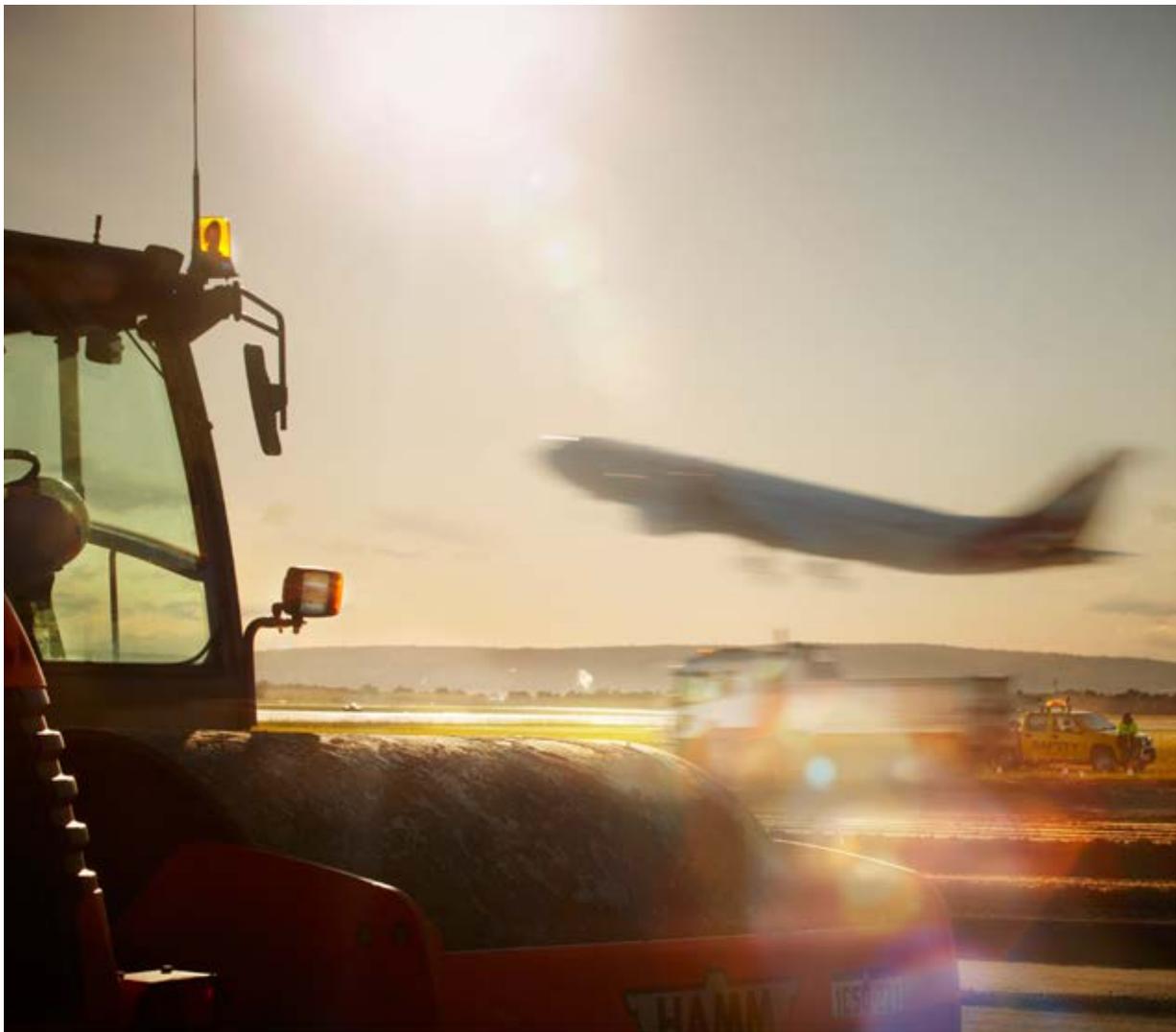
Despite these improvements, they did not address that more aircraft want to arrive or depart during peak periods than the current runway system can handle.



Where will the new runway be located?

The new runway will be 2,700 metres long and 45 metres wide, running parallel to the existing main runway and located between the current International Terminal 1 (T1) and Abernethy Road.

The development includes approximately nine kilometres of taxiways which integrate the runway with the current airfield. Other associated airfield infrastructure and systems for the safe and efficient use of the new runway are also required such as lighting, navigation and an additional firefighting and rescue station.



Approvals process

The development of the new runway requires approval from the Commonwealth Minister for Infrastructure and Regional Development, and must meet the requirements of a Major Development Plan (MDP) as set out in the *Airports Act 1996*. This process requires assessment by Commonwealth agencies, including a determination of assessment under the *Environment Protection and Biodiversity Conservation Act 1999*. State Government approval will also be required in accordance with the *Aboriginal Heritage Act 1992 (WA)*.

The approvals process requires extensive consultation with the community, along with a public comment period. It is expected that this process will take approximately two years to complete.

Further information will be available on the Perth Airport website as the Major Development Plan for the new runway progresses.