



# Main Runway & Taxiways Overlay Project

Version 01, September 2023



## Background

**Adelaide Airport is commencing the Main Runway and Taxiways Overlay Project (MRTOP), an important part of our ongoing maintenance program.**

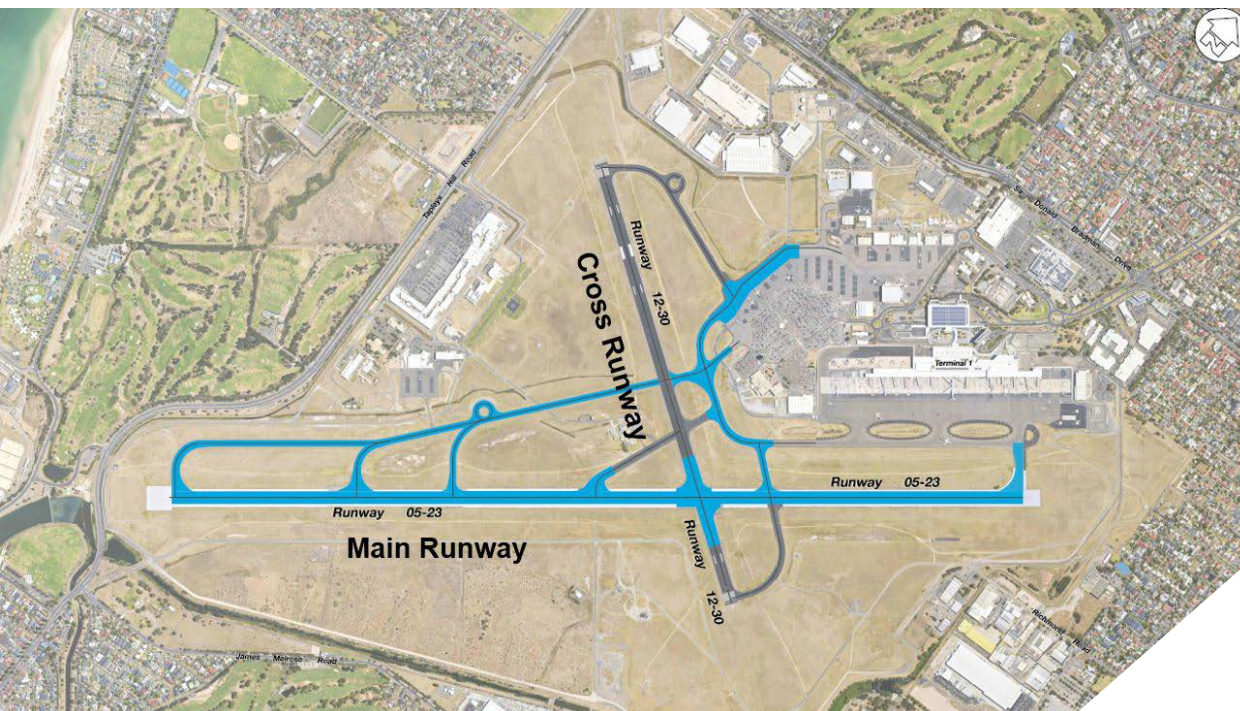
The existing runway and taxiway surfaces have been servicing Adelaide Airport since 2010/11 and are now due for maintenance to ensure continued operational effectiveness. This major asphalt resurfacing (overlay) project will be replacing 3,000 meters of asphalt on the main runway and 3,600 meters on the adjacent taxiway network. The key objective of this project is to ensure safety and serviceability of aircraft operations at Adelaide Airport for the next 10–12 years.

Along with the overlay works, existing airfield ground lights will be replaced with more energy-efficient LED light fittings, assisting to reduce our carbon footprint and meet Adelaide Airport's sustainability targets.

# What will change?

## Construction works will be carried out during the existing night curfew (11pm to 6am) for up to six nights per week.

This project requires the closure of the main runway while the resurfacing works are undertaken. During times when the main runway is closed, a small number of curfew-exempted aircraft will be utilising the cross runway for arrivals and departures. There are currently an average of 10 aircraft movements on a normal night and up to 15 aircraft movements on a busy night during the curfew hours, the majority of which are emergency services and freight operators.



**Figure 1.**

Extent of Asphalt Overlay Works. New asphalt to be placed on the runway and taxiways highlighted in blue.

## Flightpath

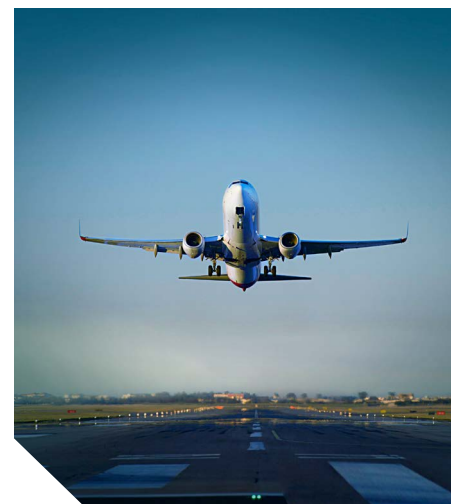
The closure of the main runway for the resurfacing works will result in a temporary change in flight path use. The limited\*\* aircraft operations that are permitted to operate during the night curfew hours typically use the main runway (which is oriented south-west to north-east).

During the resurfacing works, aircraft will need to use the cross runway (which is oriented south-east to north-west) whenever the main runway is closed. Aircraft arrivals and departures using the cross runway will overfly residents to the south-east and north-west of the airport within the City of Charles Sturt, City of West Torrens, City of Unley, City of Mitcham, City of Marion, City of Holdfast Bay, City of Onkaparinga and Adelaide Hills Council.

Suburbs affected due to their alignment with the cross runway may include Belair, Clapham, Clarence Gardens, Clarence Park, Colonel Light Gardens, Daw Park, Edwardstown, Glandore, Henley Beach, Mitcham, Netley, North Plympton, Pasadena, Torrens Park and West Beach – please note this is not an exhaustive list.

\*\*Find out more about Adelaide Airport Curfew [here](#).

More information about this project is available [here](#).  
Any enquiries or feedback can be made to the Project Team via [prj-MRTOP@aal.com.au](mailto:prj-MRTOP@aal.com.au).



# Impacts on the Community



## Aircraft Noise

Adelaide Airport is working towards minimising environmental and social impacts where possible. This includes close management of the construction program to complete the works as efficiently as practicable and carrying out investigations to understand and manage the noise impacts to the surrounding community.

The temporary change in runway use may be noticeable to residents who live under the cross-runway flight paths to the south-east and north-west of the airport.

**This change is temporary and following the works, aircraft will revert to landing on the main runway during night operations.**



## Construction Noise

While noise generated from construction plant, equipment or actual works is an unavoidable product of undertaking the overlay works, Adelaide Airport will implement mitigation measures and monitor construction noise throughout the project. Works are staged and will commence at the northern end of the main runway and slowly progress to the southern end.



## Traffic Noise

Construction traffic is planned to enter the Airport from Richmond Road. As a result, residents along Richmond Road may notice more frequent vehicle movements from October 2023 to August 2024. Adelaide Airport will work with our contractors to manage and minimise these impacts to the local community, including undertaking offsite truck movements during the day where possible.

# How long will this occur?



Pre-construction surveys and trials commenced in September 2023. The main construction works are scheduled to commence in October 2023, with the intent of undertaking asphalt placement during the optimal weather conditions of spring, summer, and early autumn. It is expected that the night-time main runway closures will occur periodically from October 2023 till August 2024. Actual dates of any runway closures will be released on Adelaide Airport's social media channels.

There will be no works over the Christmas and New Year break, from 20 December 2023 to 7 January 2024. Works will resume on Monday, 8 January 2024.