



**Australian Government**

**Department of Infrastructure, Transport,  
Regional Development, Communications and the Arts**

# **Forum on Western Sydney Airport (FoWSA)**

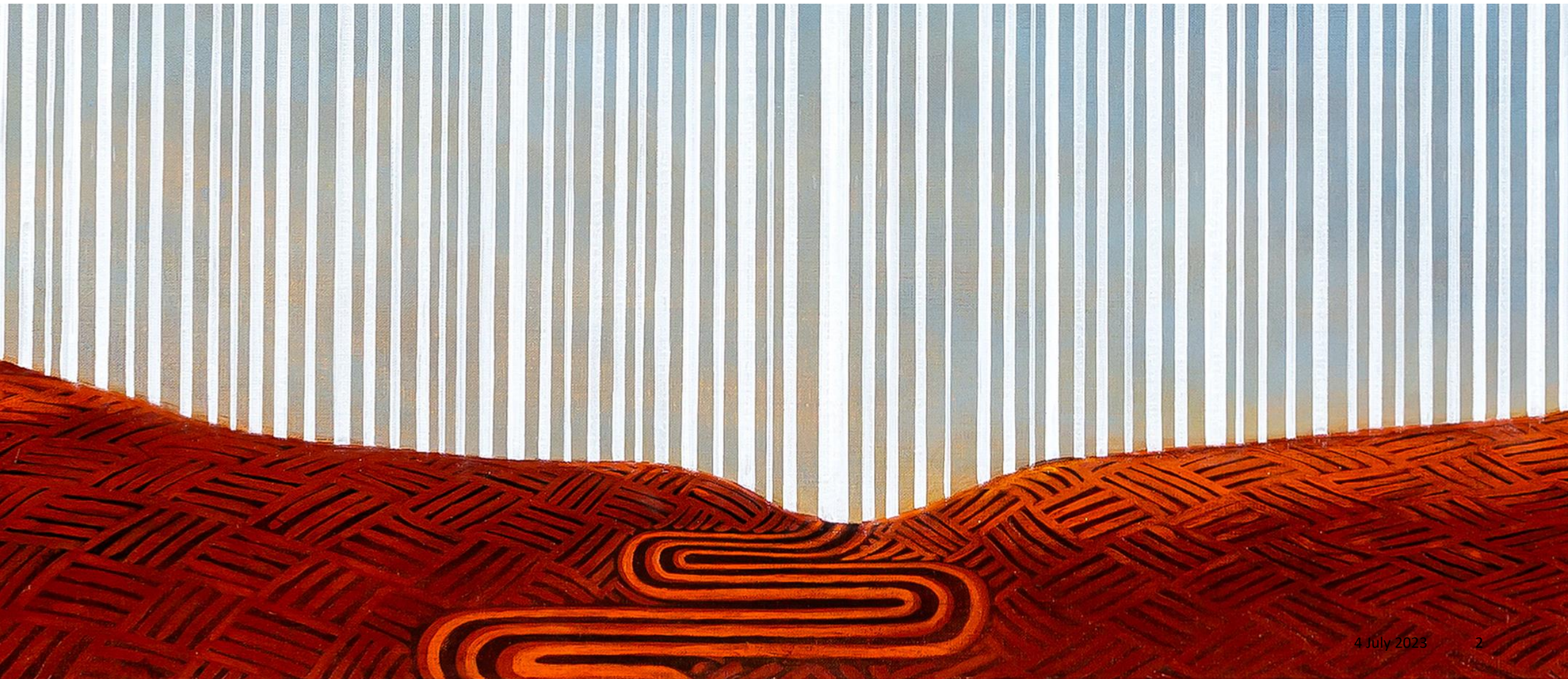
27 June 2023





# Acknowledgement of Country

I would like to begin by acknowledging the Traditional Owners and Custodians of the land on which we meet today, and pay my respects to their Elders past, present and emerging. I extend my respect to Aboriginal and Torres Strait Islander people joining us today.



4 July 2023

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# 1. Welcome from the Chair

Ms Lee de Winton

## Agenda

No.	Item	Presenter	Time
1.	Welcome from the Chair	Lee de Winton	9:00AM
2.	Action items	Lee de Winton	9:05AM
3.	Preliminary flight paths for WSI & Aircraft Overflight Noise Tool demonstration	To70	9:10AM
	Morning tea		10:40AM
4.	Community engagement on the preliminary flight paths	Department	10:50AM
5.	Update from the airport operator	WSA	11:10AM
6.	Other business <ul style="list-style-type: none"><li>• Next meeting</li><li>• Future discussion items</li></ul>	All	11:20AM
	Meeting close		11:30AM

## 2. Actions from Previous Meeting

Meeting 19, 18 March 2023

No.	Action Item	Status
1	The Department to provide FoWSA members with a briefing on ambient noise testing results when details are available.	Open. Propose that this presentation be provided at the next meeting.
2	The Department to provide FoWSA members with a briefing on the biodiversity offset and rehabilitation activities at the Orchard Hills defence establishment site.	Open. Propose that this presentation be provided at the next meeting.
3	The Department to distribute Mr Shepherd's flight path design presentation to members, with the meeting minutes.	Closed. The presentation was distributed by email and published online.
4	Department to provide an update on the planned schedule of community engagement events to members at the next meeting.	Closed. The Department will provide an update at today's meeting.
5	The Department to consider extending the planned one-day community information stall at the 2023 Hawkesbury Show.	Closed. The Department held a stall at the event on 28 and 29 April 2023.

### 3. Preliminary flight paths for WSI Aircraft Overflight Noise Tool demonstration

Matt Shepherd

Aviation Specialist

To70

Rob Morris

Aviation Specialist

To70

# Release of WSI Flight Paths



## Aircraft Overflight Noise Tool

Preliminary flight paths for WSI and the predicted aircraft noise impacts will be released via an Aircraft Overflight Noise Tool on **27 June 2023**.



## How can I access the Tool?

The Aircraft Overflight Noise Tool will be made available on the Online Community Portal for WSI flight paths at [www.wsiflightpaths.gov.au](http://www.wsiflightpaths.gov.au).



## How will the Tool be used?

Members of the community will be able to search addresses in Greater Sydney to see how the preliminary flight paths and the predicted aircraft noise impacts may impact them.



## Supporting material

Brochures on the preliminary flight paths and the noise assessment will support the Aircraft Overflight Noise Tool.



## Community Information and Feedback Sessions

Community members can register to attend a Community Information and Feedback Session through [www.wsiflightpaths.gov.au](http://www.wsiflightpaths.gov.au) or calling the engagement team on **1800 038 160**.



## Information on the Aircraft Overflight Noise Tool

For the flight paths, users will be able to see **the typical altitude** and the average **expected daily overflights** for each runway mode.

For noise contours, users will see results for the range of contour types, including:

- **ANEC (Australian Noise Exposure Concept)** – a cumulative noise measure which illustrates expected aircraft noise exposure levels and is primarily used to guide land planning decisions around airports.
- **Number above (N60 and N70)** – cumulative noise measures which give the expected number of flights overhead with noise levels of more than either 60 or 70 decibels that would be experienced on an average day.
- **L<sub>Amax</sub>** – a single event measure which shows the maximum expected sound level that would be experienced during overflight of certain aircraft types.

# Airspace design principles



Safety is non-negotiable.



Aircraft arrivals will not converge through a single merge point over any one residential area.



Overflights of residential areas and noise sensitive facilities will be avoided to the maximum extent possible.



Where flight paths are unable to avoid residential areas:

- Where possible, these areas should not be overflown by both arriving and departing aircraft.
- Noise abatement procedures should be optimised to ensure that residents are impacted as little as possible.



Airspace design will consider the impacts of air operations on natural and visually sensitive areas.



The community, aerodrome operators and airspace users will be consulted in determining the final flight paths.



Changes to the current noise sharing arrangements at Sydney (Kingsford Smith) Airport will be avoided.



Procedures will be developed to minimise the impact of night-time aircraft operations on the community while not constraining airport operations.



Noise mitigation measures will be developed.



Current airspace restrictions, such as those associated with military establishments, will be reviewed to improve efficiency and environmental impacts.



Ensure land use planning continues to prevent noise sensitive development in the highest noise exposure areas.



Arrivals will use a continuous descent approach where possible to reduce noise and greenhouse emissions.



OFFICIAL

Sydney (Kingsford Smith) SYD

— Sydney Arrivals

— Sydney Departure

Bankstown Airport YSBK

— Bankstown Arrivals

— Bankstown Departures

Camden Airport YSCN

— Camden Arrivals

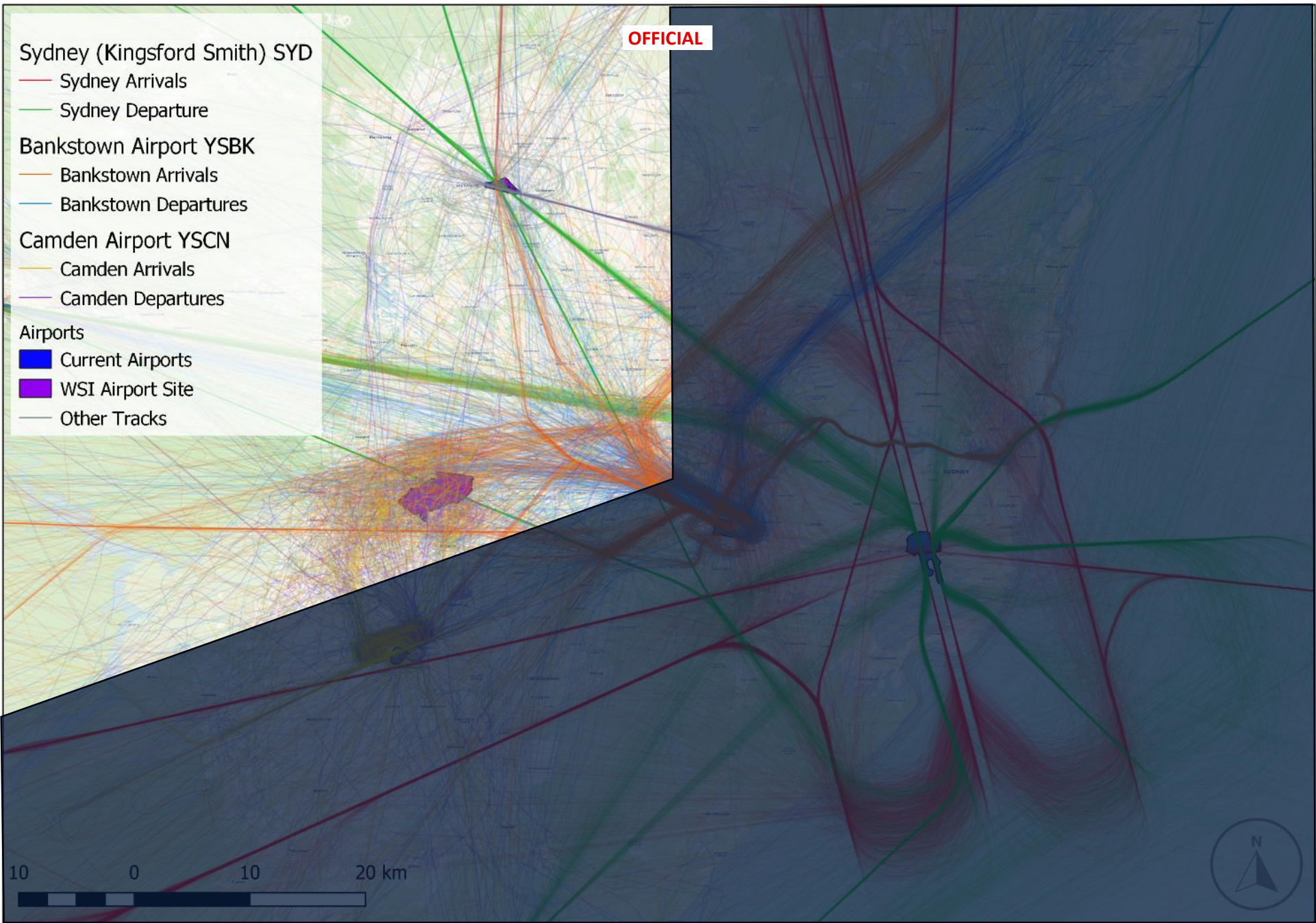
— Camden Departures

Airports

■ Current Airports

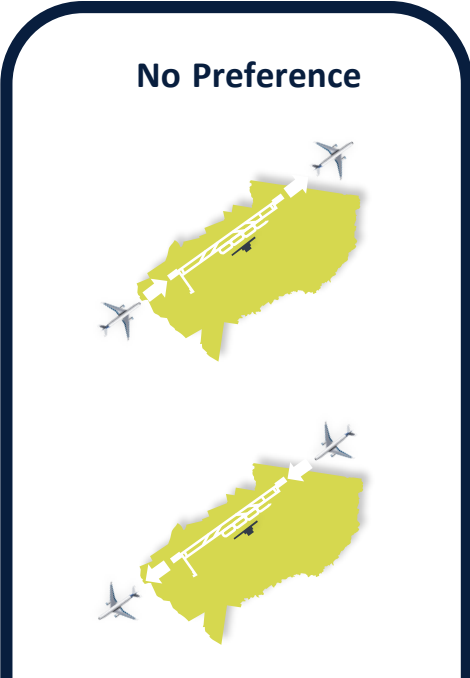
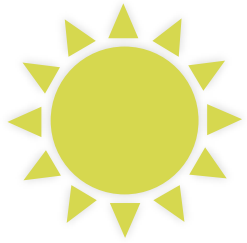
■ WSI Airport Site

— Other Tracks

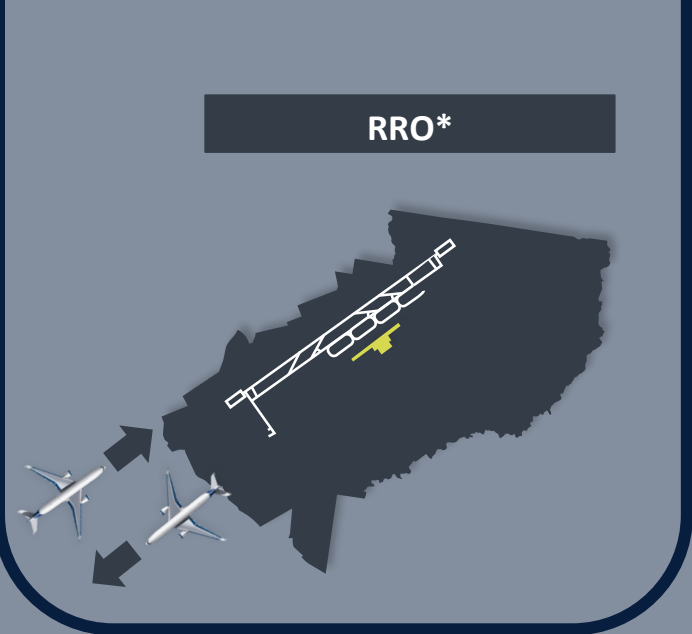
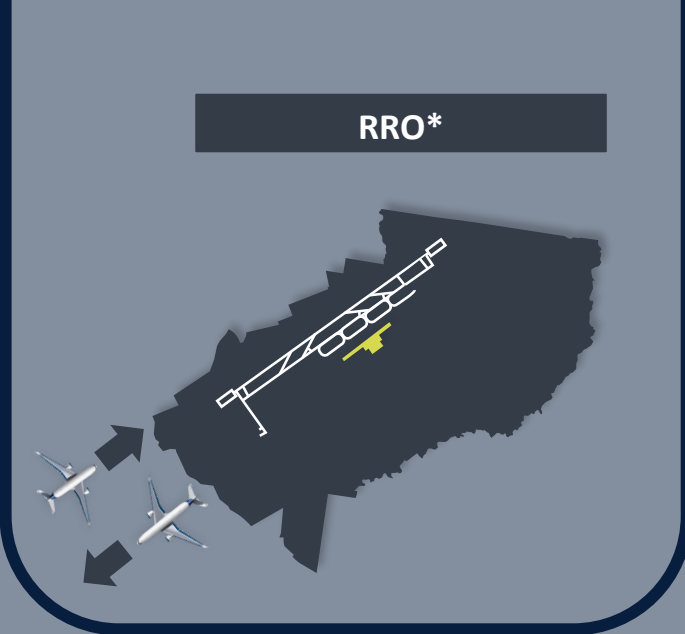
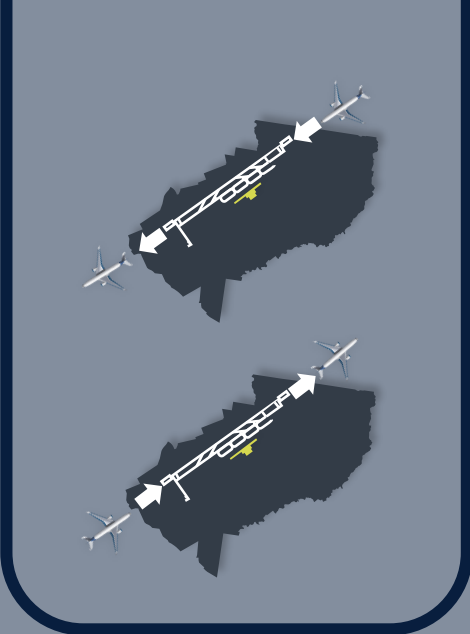




Day - Evening  
5.30 am to 11 pm

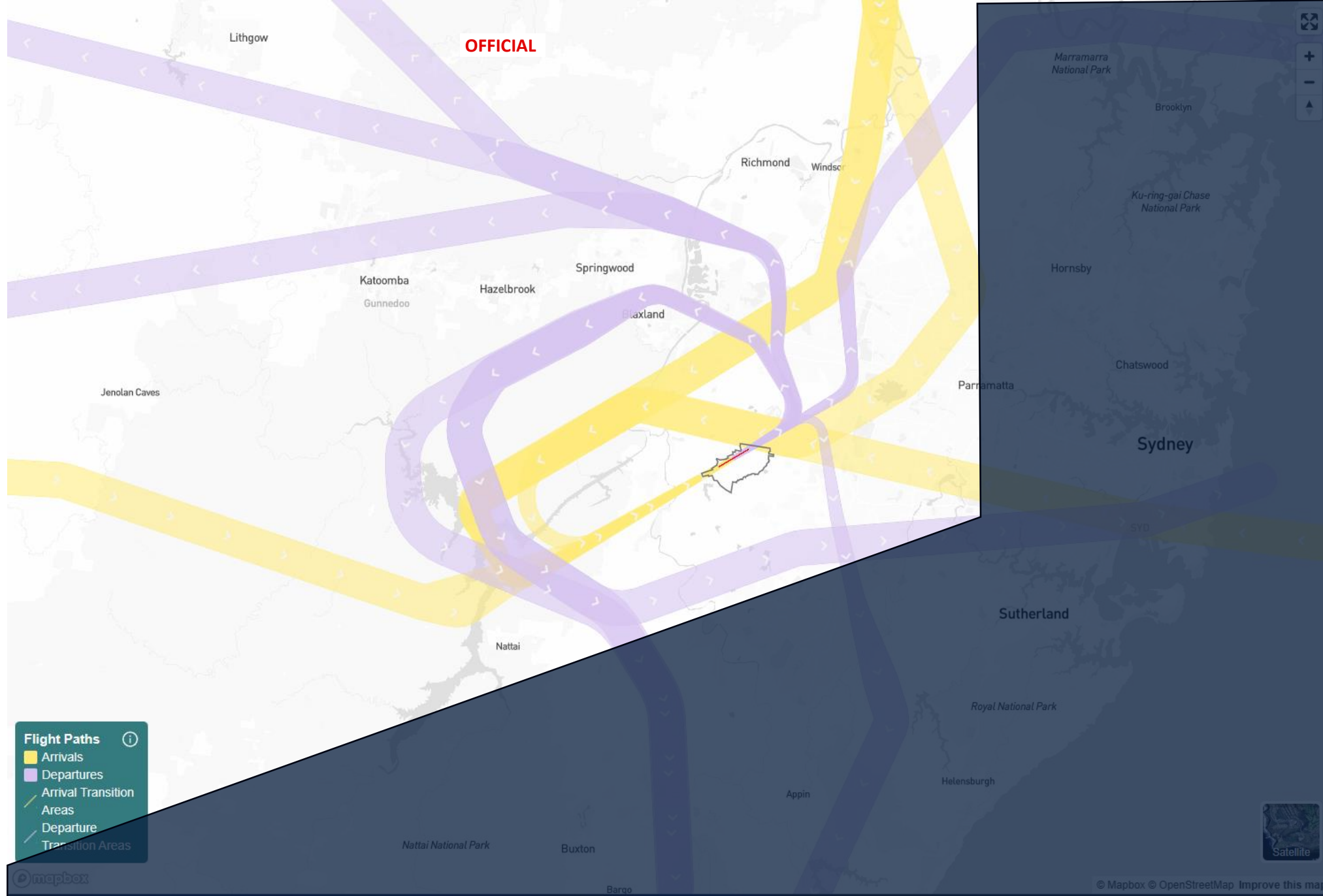


Overnight  
11 pm to 5.30 am

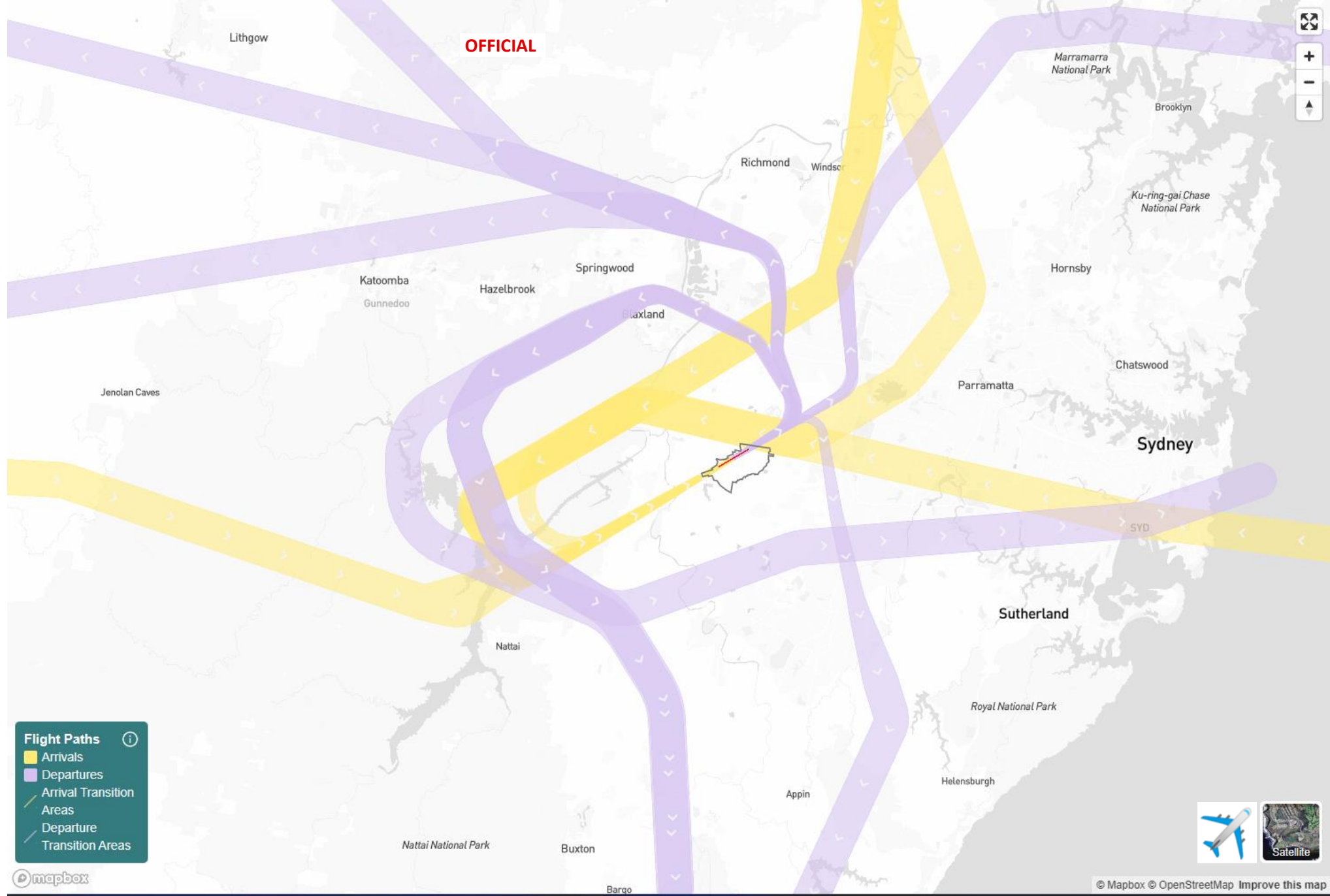


\* Reciprocal Runway Operations (RRO) is only suitable at night when air traffic level and weather condition permit

# Runway 05



# Runway 05



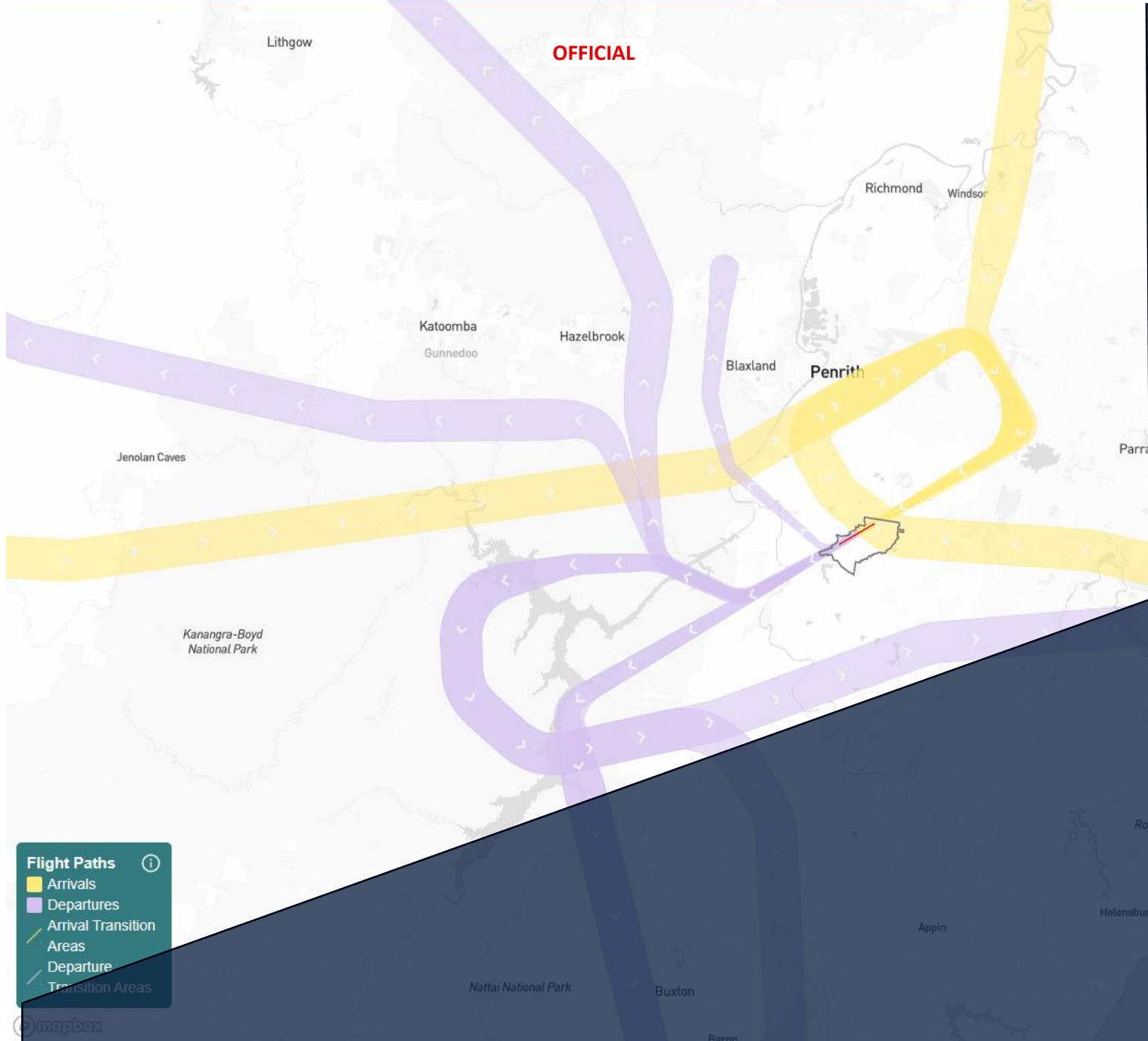
- Flight Paths**
- Arrivals
- Departures
- Arrival Transition Areas
- Departure Transition Areas



# Runway 23

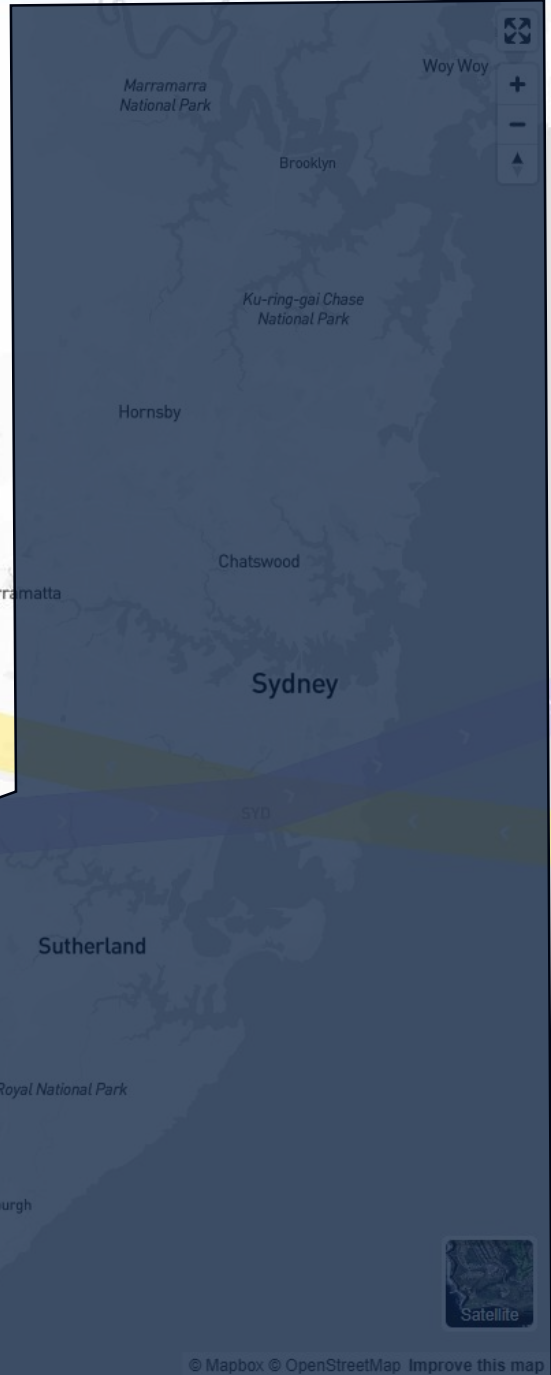


OFFICIAL

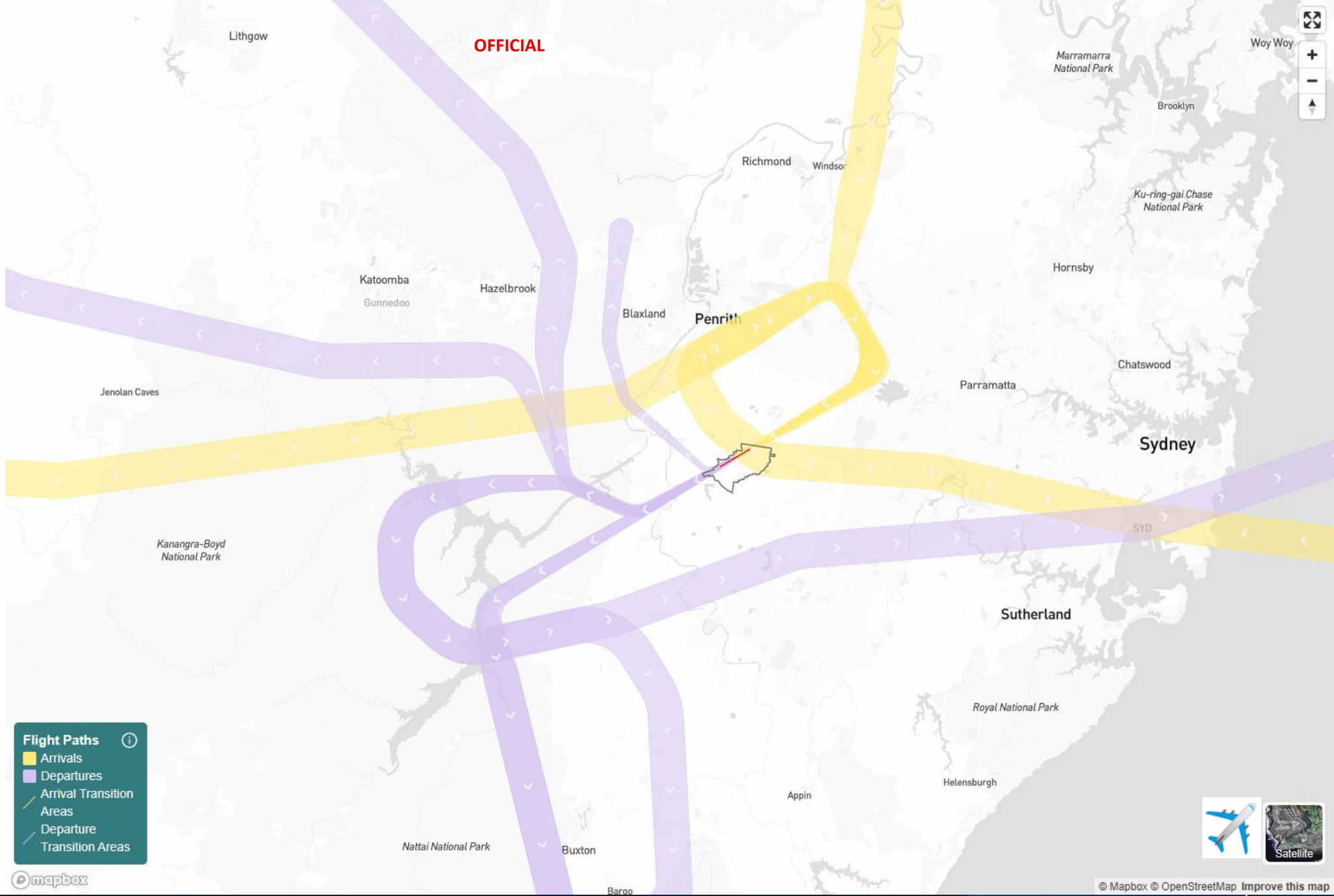


**Flight Paths** ⓘ

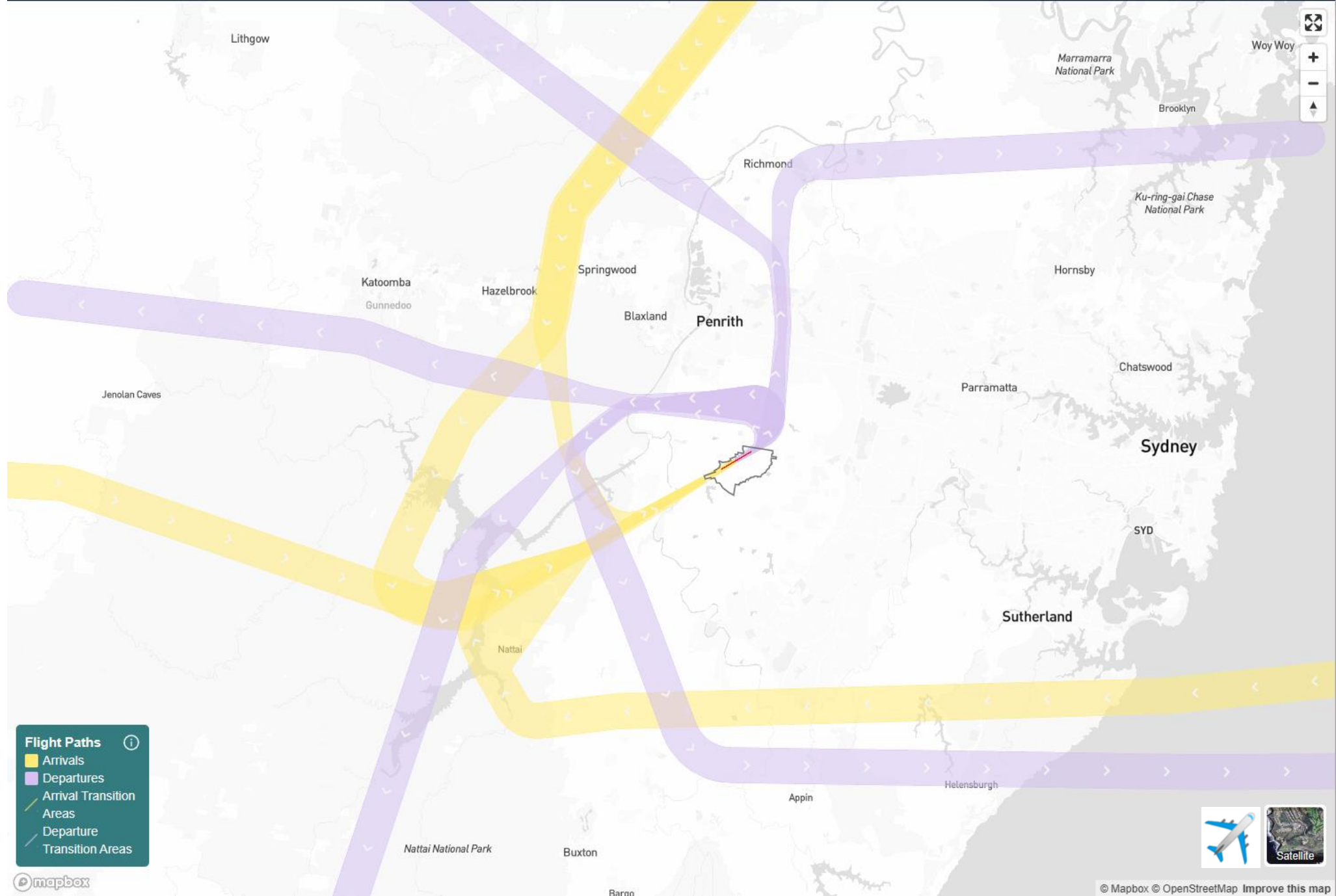
- Arrivals
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# Runway 23

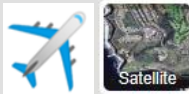


# Runway 05



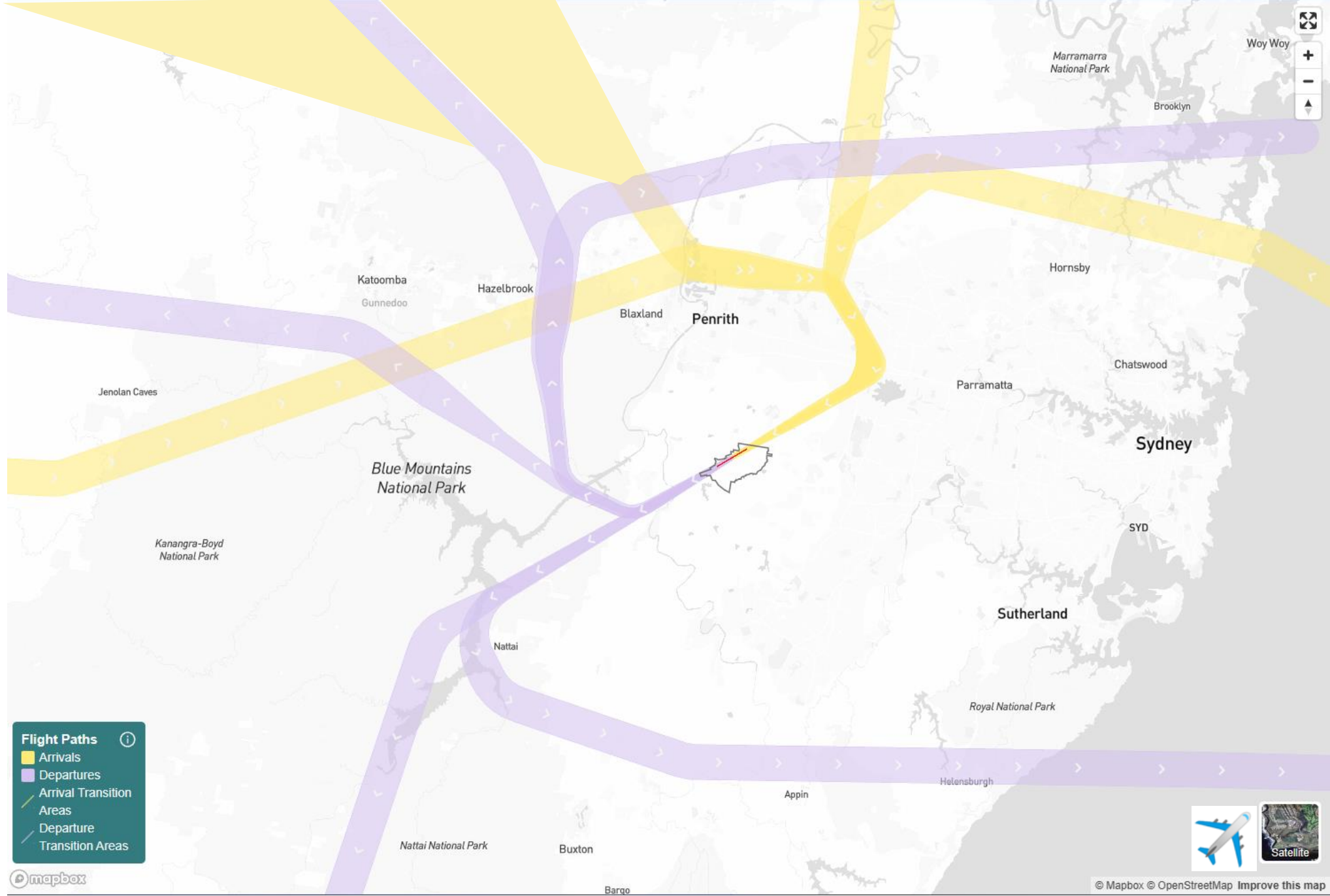
**Flight Paths** ⓘ

- Arrivals
- Departures
- Arrival Transition Areas
- Departure Transition Areas

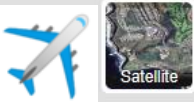




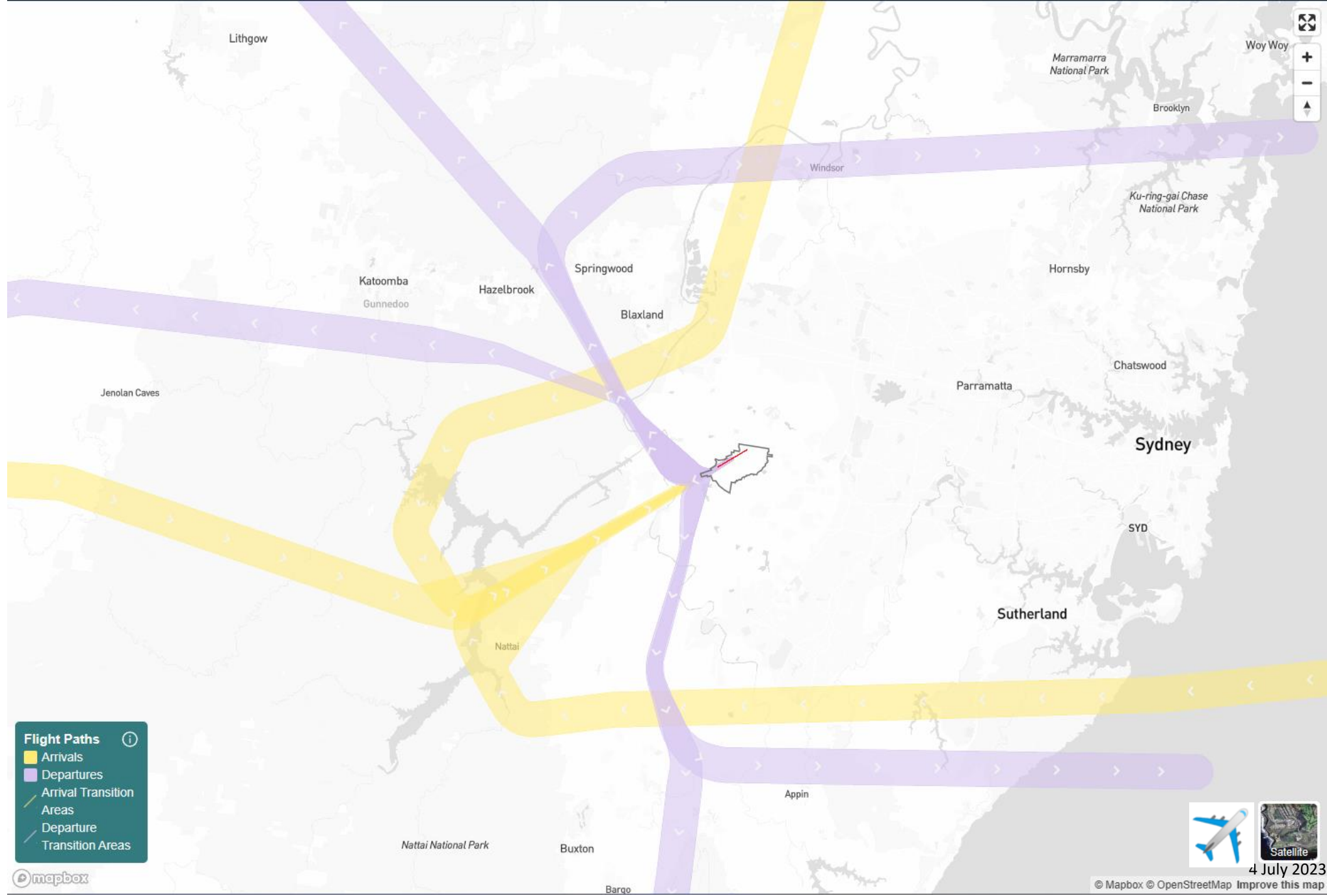
# Runway 23



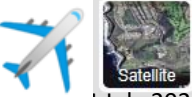
- Flight Paths** ⓘ
- Arrivals
  - Departures
  - Arrival Transition Areas
  - Departure Transition Areas



RRO



mapbox



Satellite

4 July 2023

© Mapbox © OpenStreetMap Improve this map

## Aircraft Overflight Noise Tool

# Images of the noise tool

### Features

### Objectives

### Limitations

#### Splash screen

Address search feature with aircraft overflight and noise information summarised for the chosen location

Explore the preliminary flight path design for WSI to gain an understanding of where aircraft will operate, and how frequently

The WSI flight paths shown are preliminary and may change as they are subject to ongoing environmental assessment and final detailed design.

Preliminary flight path design with anticipated movements derived from schedule forecasts

Find out the modelled noise impacts for WSI's preliminary flight paths as the airport grows.

The preliminary flight paths for WSI are only for single runway operations and therefore this tool does not reflect any noise impacts from a potential future second runway

Animated 3D visualisations for each flight path

See the variation to flight path operations and resulting noise impact during different times of the day and operating conditions

Altitude depictions in this tool give an example of typical operations, but do not account for all air traffic control, aircraft and other operational variations

[Terms of Use and Privacy Statement](#)

Get Started





The screenshot shows the tool's interface with several callout boxes:

- Search Bar:** "Type here or double-click on the map to select an address".
- Search Tip:** "For the best results, enter an address in the search bar for information specific to your location. You can also double-click to select a location within the map."
- Map Controls:** "Use the on-screen controls to change map zoom levels. You can also change the zoom level using the scroll wheel of a mouse or the multi-touch feature on a touch screen device. Use keyboard arrow keys or click and drag to move the map."
- Map Legend:** "WSI Flight Paths and Noise Maps are displayed separately. Switch between each mode by clicking the option heading or button within the sidebar."
- Mapbox Legend:**
  - Arrivals (Yellow)
  - Departures (Purple)
  - Arrival Transition Areas (Green)
  - Departure Transition Areas (Blue)

How to use the tool - Navigation

[Skip Introduction](#)

Flight paths



# General Discussion



## FOWSA member led exploration

Preliminary flight paths for WSI and the predicted aircraft noise impacts will be released via an Aircraft Overflight Noise Tool on **27 June 2023**.



## How can I access the Tool?

The Aircraft Overflight Noise Tool will be made available on the Online Community Portal for WSI flight paths at [www.wsiflightpaths.gov.au](http://www.wsiflightpaths.gov.au).



## Community Information and Feedback Sessions

Community members can register to attend a Community Information and Feedback Session through [www.wsiflightpaths.gov.au](http://www.wsiflightpaths.gov.au) or calling the engagement team on **1800 038 160**.



# Morning tea



## 4. Community engagement on the preliminary flight paths

David Jansen

Assistant Secretary, Western Sydney Airport Policy and Regulatory Branch

Department of Infrastructure, Transport, Regional Development,  
Communications and the Arts

# Engagement activities

Community Information and Feedback Sessions

Community Information Stalls ('pop-ups')

Stakeholder briefings

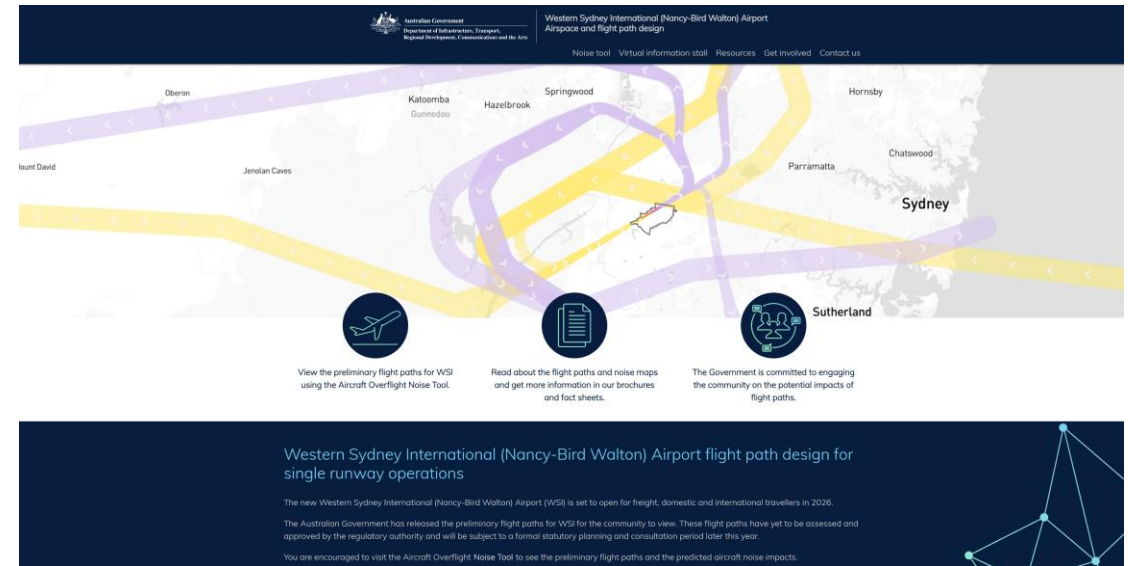
New supporting material (brochures, animations, FAQs)

Letterbox drop

Newspaper notices of community sessions

Social media communication

Dedicated 1800 number and email



# Community information and feedback sessions

Location	Date	Time
Bringelly	6 July 2023	3pm-8pm
Warragamba	8 July 2023	11am-4pm
Horsley Park	15 July 2023	11am-4pm
Parramatta	20 July 2023	3pm-8pm
Blacktown	22 July 2023	11am-4pm
Blaxland	29 July 2023	11am-4pm
Liverpool	3 August 2023	3pm-8pm
Windsor	5 August 2023	11am-4pm
Online	10 August 2023	TBC
Picton	12 August 2023	11am-4pm
St Marys	17 August 2023	3pm-8pm



Details on these sessions and additional information stall events are at [WSIflightpaths.gov.au](https://www.wsiflightpaths.gov.au)



# Communication channels

## Letterbox drop areas:

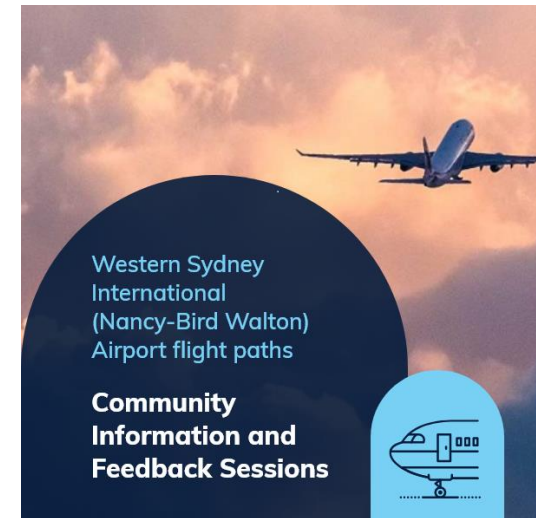
Blacktown City Council  
Blue Mountains City Council  
Camden Council  
Campbelltown City Council  
Cumberland City Council  
Fairfield City Council  
Liverpool City Council  
Parramatta City Council  
Penrith City Council  
The Hills Shire Council  
Wollondilly Shire Council

## Public notices:

Sydney Morning Herald  
Daily Telegraph  
The District Reporter  
Western Weekender  
Blue Mountains Gazette  
Hawkesbury Gazette

## Social media:

Facebook  
Twitter  
LinkedIn



# New supporting material

## New brochures

- Preliminary flight paths
- Noise assessment

## Two animations

- Flight path design
- The Sydney airspace

## New FAQs

Brochures and animations translated into the top five languages for Western Sydney



**Australian Government**  
Department of Infrastructure, Transport,  
Regional Development, Communications and the Arts

June 2023

### Western Sydney International (Nancy-Bird Walton) Airport

#### Preliminary flight paths

The new Western Sydney International (Nancy-Bird Walton) Airport (WSI) is set to open for freight, domestic and international travellers by late 2026.

The Australian Government has released the preliminary flight paths for WSI for the community to view. These flight paths have yet to be assessed and approved by the regulatory authority and will be subject to a formal statutory planning and consultation period later this year.

#### View the preliminary flight paths

Designing flight paths is highly technical work. The work involves thorough validation and review to ensure aircraft can use the flight paths. The design has to balance the needs of the community, environment, industry and users of the Greater Sydney airspace, while maintaining safety as the priority.

You are encouraged to visit the **Aircraft Overflight Noise Tool**, which can be accessed through the **Online Community Portal**, to see the preliminary flight paths and the predicted aircraft noise impacts. We understand that you may have a wide range of questions about the preliminary flight paths, and are available to speak with you at our Community Information and Feedback Sessions, on **1800 038 160** or via email at [wsflightpaths@infrastructure.gov.au](mailto:wsflightpaths@infrastructure.gov.au). Detailed information is also available on our **Online Community Portal**.

#### Approvals process

Formal feedback for the preliminary flight paths can be provided during the draft Environmental Impact Statement (EIS) exhibition period in the second half of 2023. In the meantime, you can contact our community engagement team with any questions and concerns. Details are below.

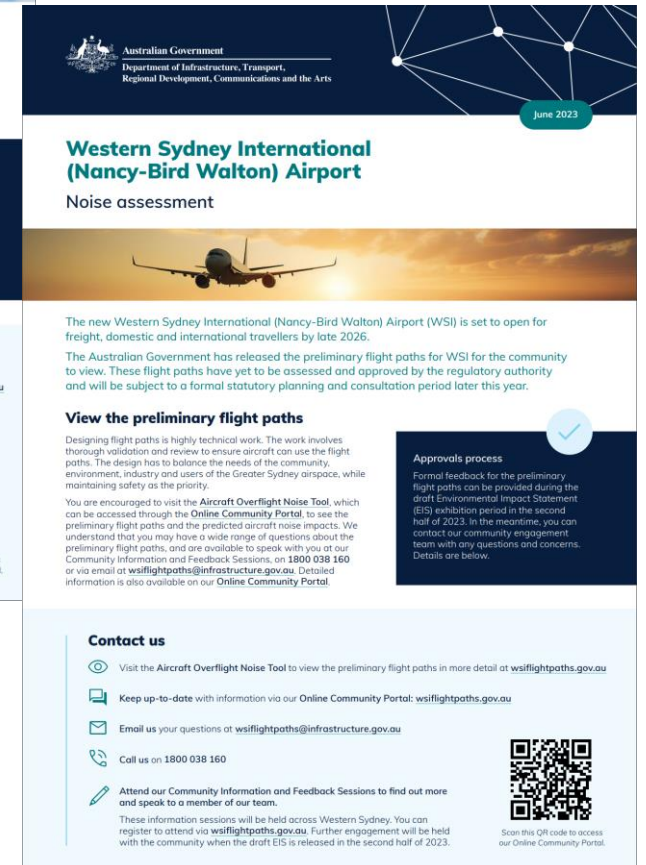
#### Contact us

- Visit the **Aircraft Overflight Noise Tool** to view the preliminary flight paths in more detail at [wsflightpaths.gov.au](https://wsflightpaths.gov.au)
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Scan this QR code to access our Online Community Portal.



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June 2023

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Scan this QR code to access our Online Community Portal.

# Community Engagement Team contact details

## Dedicated phone number:

1800 038 160

## Email:

[WSIflightpaths@infrastructure.gov.au](mailto:WSIflightpaths@infrastructure.gov.au)

## Community Portal:

[WSIFlightpaths.gov.au](https://WSIFlightpaths.gov.au)





# 5. Western Sydney Airport Update

Scott MacKillop

Chief Corporate Affairs Officer

WSA Co Ltd



An aerial rendering of the Western Sydney International (Nancy-Bird Walton) Airport. The image shows a large, modern terminal building with a blue roof and glass facade, surrounded by a vast tarmac area with numerous aircraft parked at gates. The airport is set against a backdrop of green fields and a clear sky. The text "Western Sydney International (Nancy-Bird Walton) Airport" is overlaid in large white letters across the center of the image.

# Western Sydney International (Nancy-Bird Walton) Airport

Forum on Western Sydney Airport  
27 June 2023



**Western  
Sydney  
Airport**



# Welcome to WSI, Qantas and Jetstar

In the first year at WSI, Qantas and Jetstar will have:

- up to **15 narrowbody aircraft** and **700 jobs**
- more than **25,000 domestic flights**
- around **four million passengers**
- commitment to locally recruit up to **700 jobs**
- strong domestic network to Australian capital cities and leisure destinations.

WSI is in discussions with other Australian and overseas airlines for further domestic and international services.







# Bringing Sydney's new airport to life in Western Sydney

- The project reached its halfway to completion milestone on 20 May.
- Already, we're injecting over \$400 million into the local economy across 250 Western Sydney-based businesses.
- Approaching peak construction with around 3,100 workers onsite now - over 50% live in Western Sydney.
- Over 40,000 visitors to the Experience Centre.
- Business Precinct Stage One consultation started in April and due to finish 13 July. Construction to start later in the year.
- New partnership with Western Sydney University, which will see IT students develop industry-based, job-ready skills with top mentors from our tech partner DXC.
- Registrations of Interest to establish shops, food outlets and travel services at Western Sydney International Airport extended to 1 August.







# Community Engagement quarterly update

- Community Open Day 2023
- Airside tour competition
- Camden Show
- St Marys Light Up Festival
- First Nations Taking Off Program
- Fairvale High School Careers Expo
- Flourishing Futures Penrith Christian College
- Grater Western Sydney Careers Market
- CSIRO Generation STEM program
- FOWSA Community Event
- ABCN First Nations My Career Footprints
- AN+BCN Future Thinkers Program
- WSU Graduate Accelerate Program
- Luddenham Show Thank You Dinner
- At Work Career Event
- Blacktown City Festival
- Blue Mountains Grammar College Careers Expo
- Department of Education CIT
- Jobs Quest Careers Expo
- Multiplex Jump Start Program
- Future in Focus Cecil High School
- Patrician Brothers Careers Expo
- St Greg's Careers Expo
- Macarthur Careers Expo
- Colo High School Careers Expo
- All Saints Carers Expo
- CSIRO Generation STEM Careers Expo
- Fairfield Workary
- WSI Ideas Fest
- Aero/Mamre Rd Community Session
- Sydney Chithirai Festival
- Opportunity Hub Careers Expo
- CORE Community Services Harmony Week Event
- 13 School and Community visits to the WSI Experience Centre
- 4 School Mock interviews sessions
- One resident BBQ hosted at EC
- Three resident coffee catch ups







Western  
Sydney  
International  
Airport

Welcome to the

Western Sydney Airport

Your airport  
Your vision  
Your success



An aerial rendering of the Western Sydney International Airport terminal and tarmac. The terminal is a long, modern building with a blue roof and large glass windows. Numerous aircraft are parked at gates along the terminal. The tarmac is dark asphalt with yellow markings. There are green spaces with trees and walkways between the terminal and the tarmac. The background shows more of the airport infrastructure, including runways and taxiways.

# Western Sydney International (Nancy-Bird Walton) Airport



**Western  
Sydney  
Airport**



# 6. Other Business

FoWSA Members