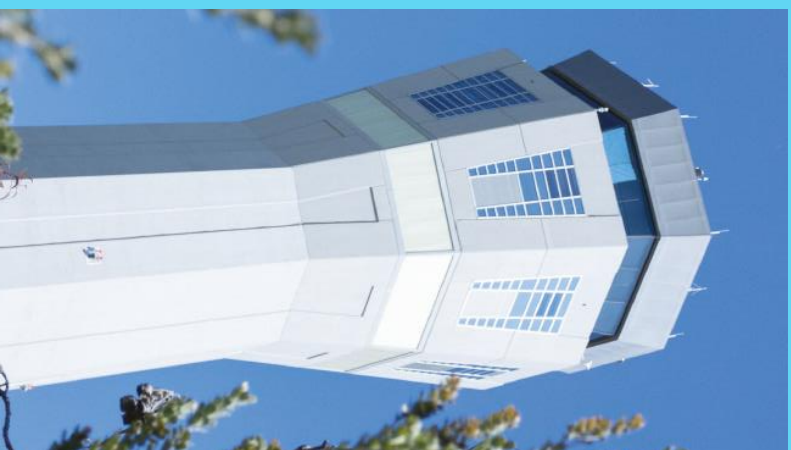


Update on Safety Related Issues

TWU Pilot's Division Flight Safety Committee Meeting
Service Assurance, Airservices Australia
1 November 2023

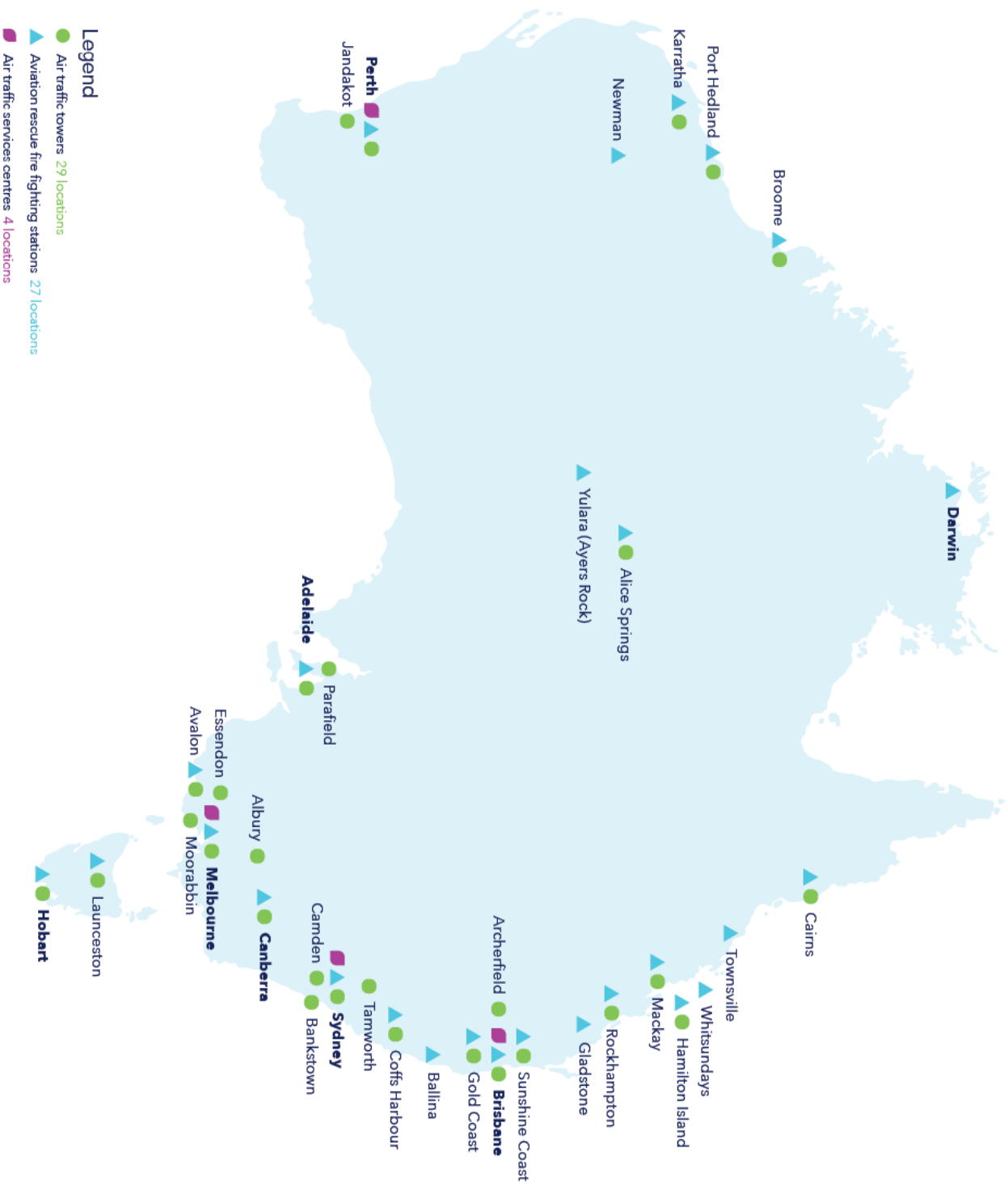


Update on Safety Related Issues

Presentation Agenda

- Introduction
- Update on current Traffic Levels/Recovery
- Network Overview Results
 - Contingencies and Improvements
- Airspace
 - Pilbara Region
 - Newcastle/Williamtown
 - Proserpine/Whitsundays (Mackay)
 - Launceston
 - Ballina
- Our Strategy



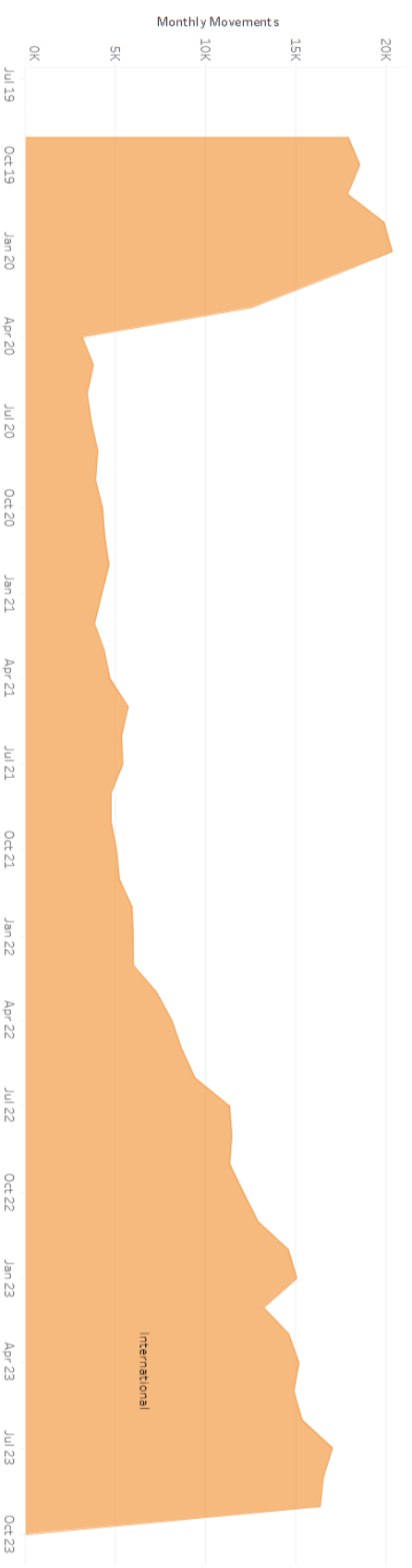
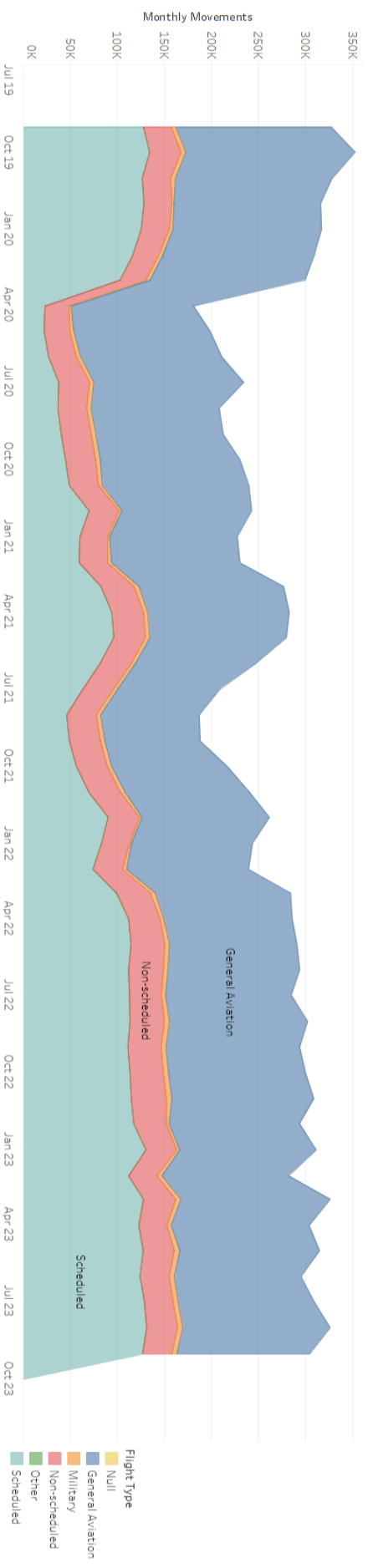


Legend

- Air traffic towers 29 locations
- ▲ Aviation rescue fire fighting stations 27 locations
- Air traffic services centres 4 locations

Update on Safety Related Issues

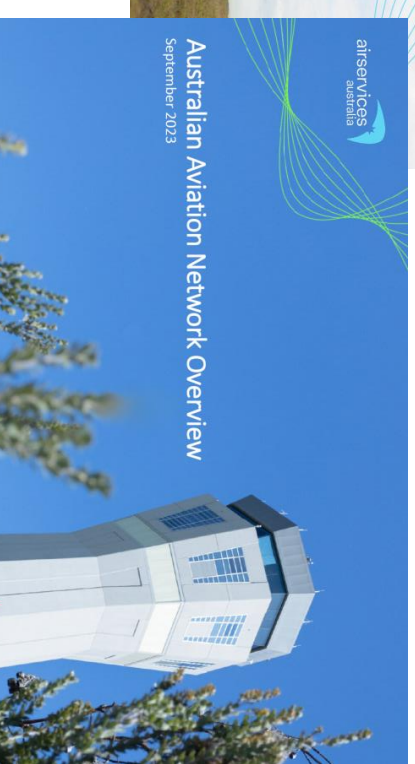
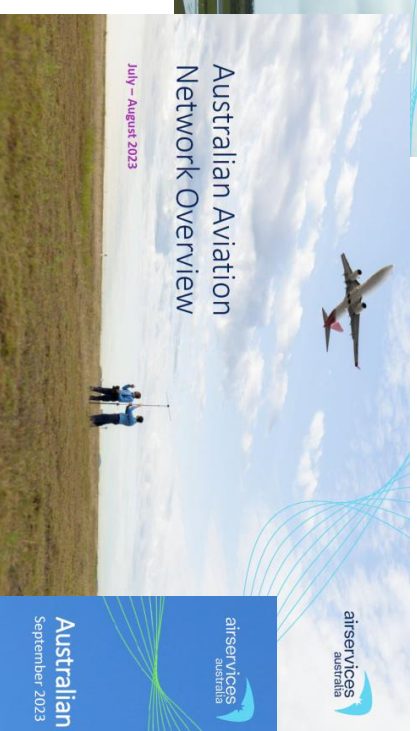
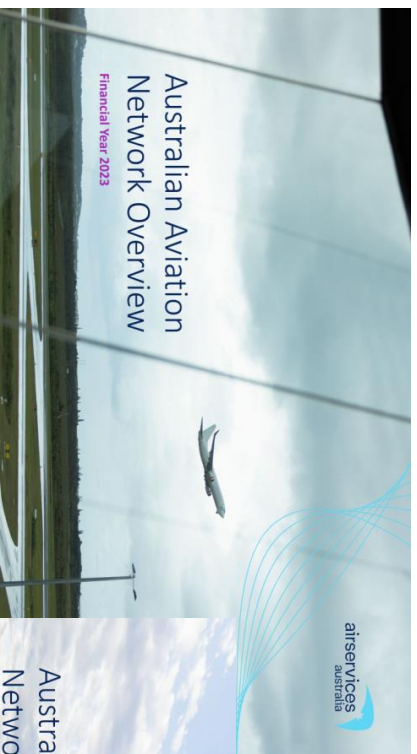
Traffic Recovery – Monthly Movements



Update on Safety Related Issues

Australian Aviation Network Overview

- New initiative to improve insight for the industry – initial release for 2023 financial year and updated in July/August and September
- Includes a snapshot of key social and economic trends in the sector, our regional context and the performance of the Australian aviation network
- Focus on improving service performance



<https://www.airservicesaustralia.com/category/air-traffic-management>

Update on Safety Related Issues

Australian Aviation Network Overview – Network Performance

On Time Arrivals



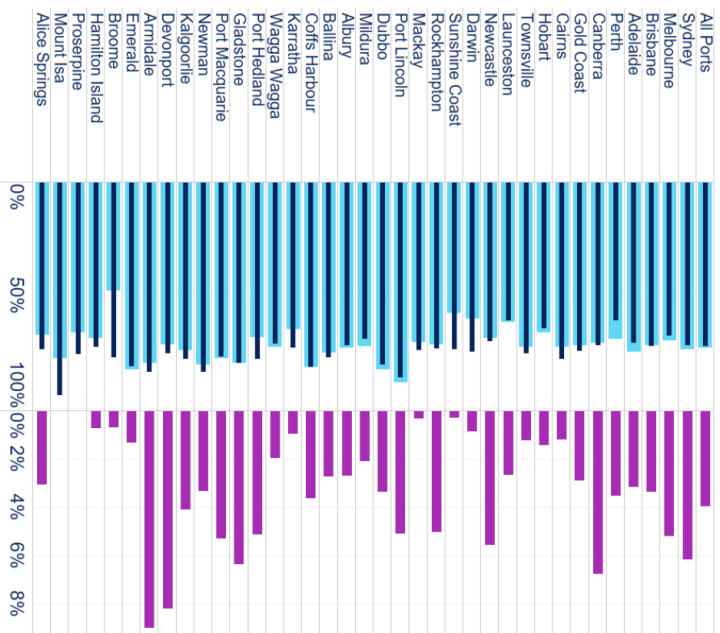
On Time Departures



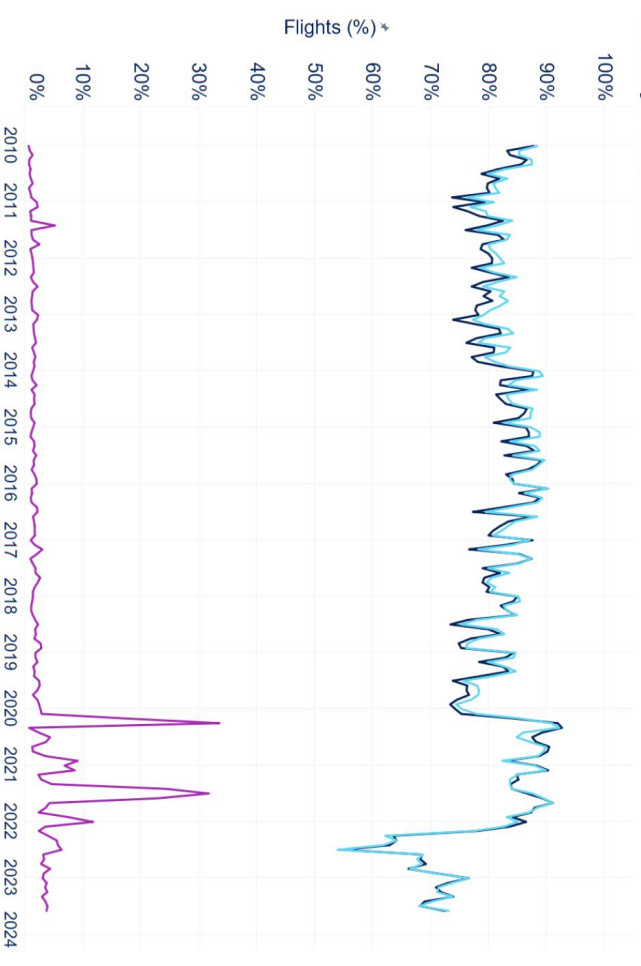
Cancellations



Performance for Airports: Aug 2023



Monthly Performance



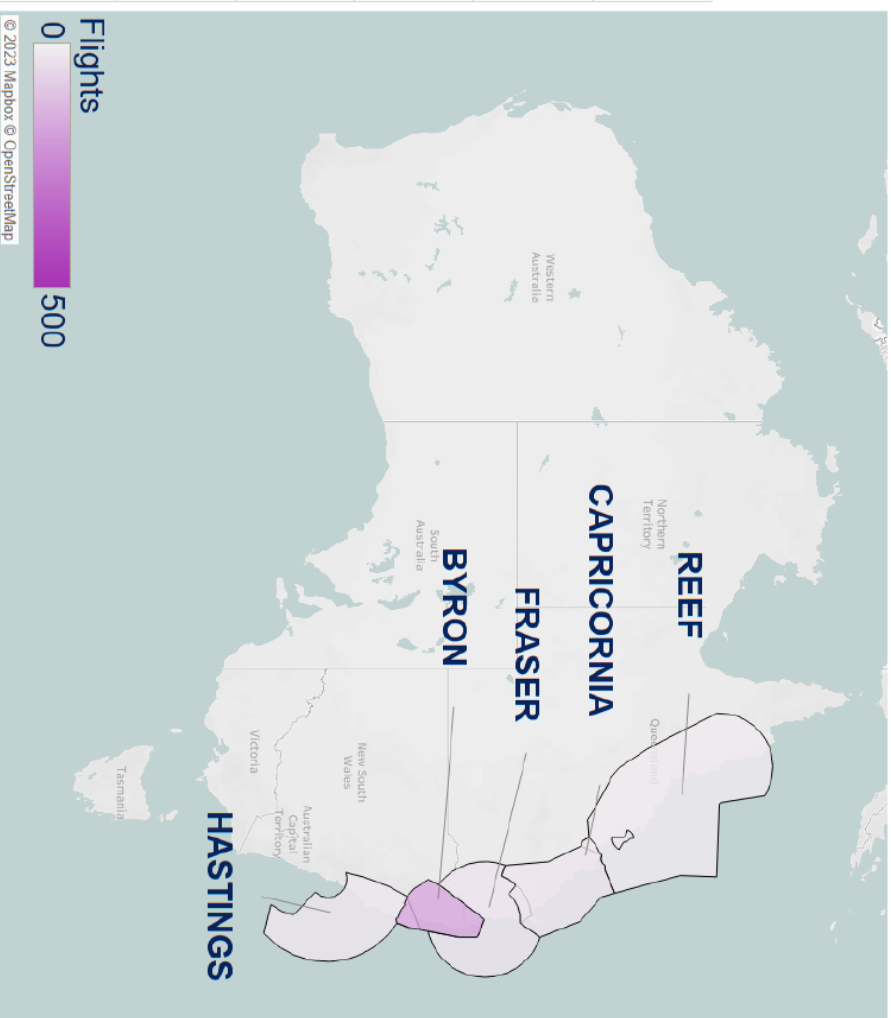
■ On Time Departures (%) ■ On Time Arrivals (%) ■ Cancellations (%)

Update on Safety Related Issues

Australian Aviation Network Overview – Service Provision - Enroute

Airspace Sector Groups:
Sep 2023

	Flights	Hours
BYRON	161	17
CAPRICORNIA	26	8
FRASER	29	7
HASTINGS	22	8
REEF	15	5
BALLINA (SFIS)*	23	11

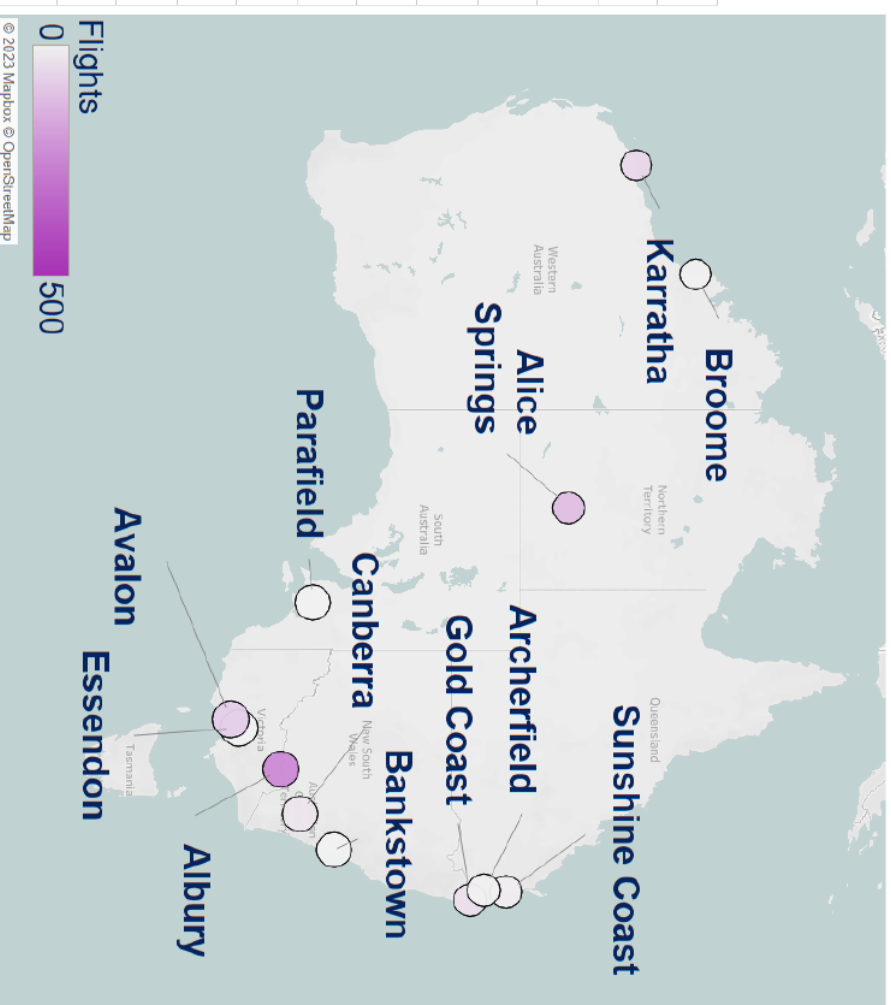


Update on Safety Related Issues

Australian Aviation Network Overview – Service Provision - Towers

Air Traffic Control Towers:
Sep 2023

	Flights	Hours
Bankstown	1	6
Parafield	0	93
Gold Coast	36	12
Archerfield	3	7
Essendon	0	2
Canberra	2	2
Sunshine Coast	10	7
Broome	4	2
Karratha	52	23
Albury	229	126
Alice Springs	107	86
Avalon	72	240



© 2023 Mapbox © OpenStreetMap

Update on Safety Related Issues

Contingencies

- Contingency procedures have been improved based on airline feedback
- Procedures are now published on Airservices website: <https://www.airservicesaustralia.com/notammapps> (scroll to bottom of page)
- Key example: Changes to Nth Qld / Coral Approach contingency plan to enable the towers to remain open
 - Supporting videos provided ([VFR](#) / [IFR](#))

<h3>Contingency Plans</h3> <ul style="list-style-type: none">National Contingency PlanATSC/HR ATS Contingency PlanCoral Approach Contingency PlanVideo: Coral approach not available – VFRVideo: Coral approach not available – IFREn Route ATS Contingency PlanNon-continuous Tower ATS Contingency PlanTMA ATS Contingency Plan
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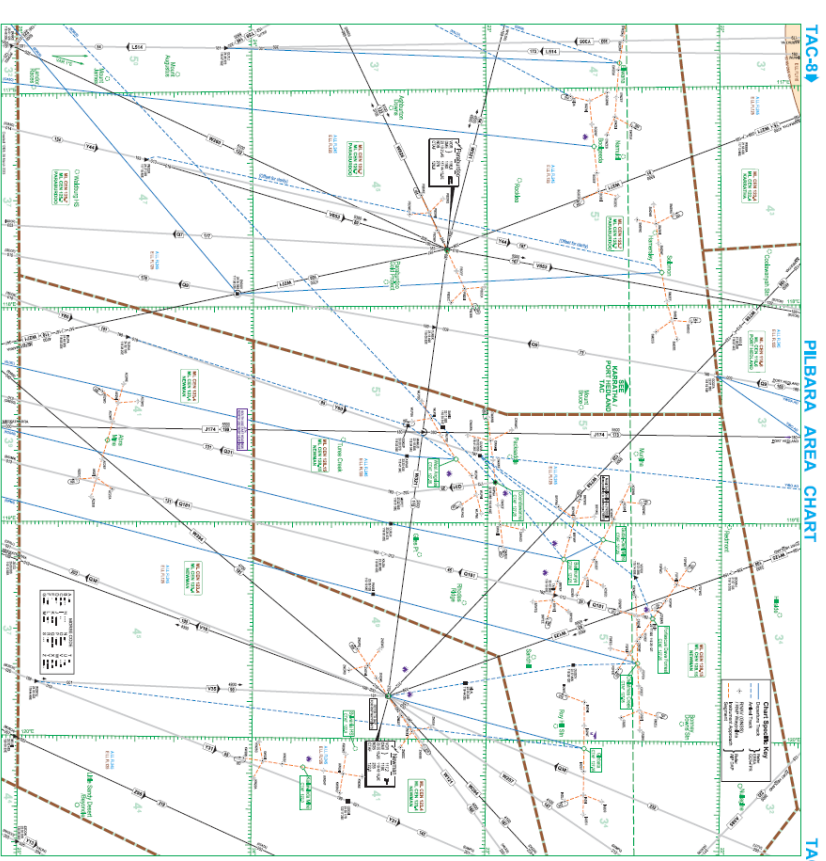
Performance and Customer Experience (PACE) Program

- A suite of initiatives to enhance service resilience and deliver reliable experience for our customers, including:
 - Training pipeline to deliver significant number of new endorsed controllers in 2024
 - Use of restricted endorsements to improve utilisation of available controllers including new initiative for Enroute Conditional Endorsements (ECE)
 - Efficiency improvements across internal processes that impact controller availability
- Contributed to improved service provision at Byron

Update on Safety Related Issues – Airspace

Pilbara Region

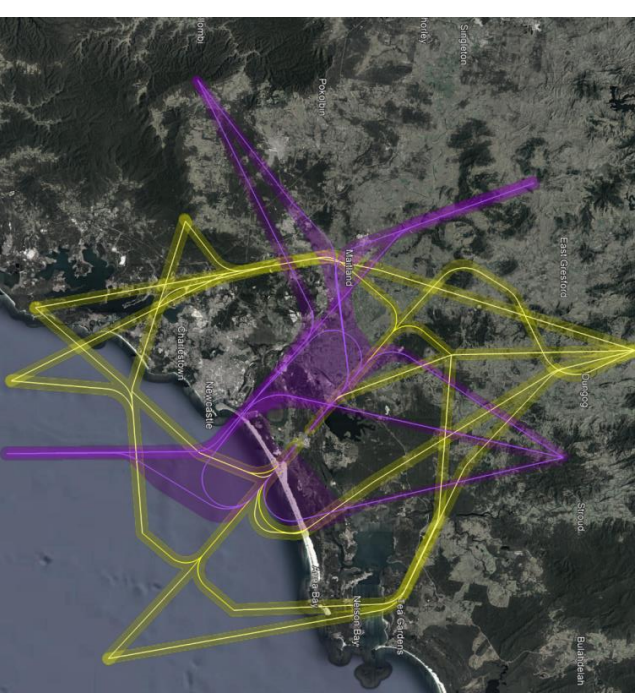
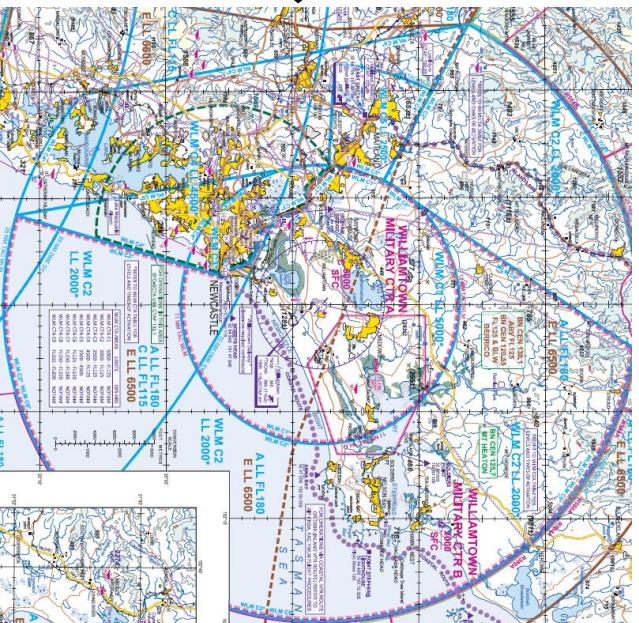
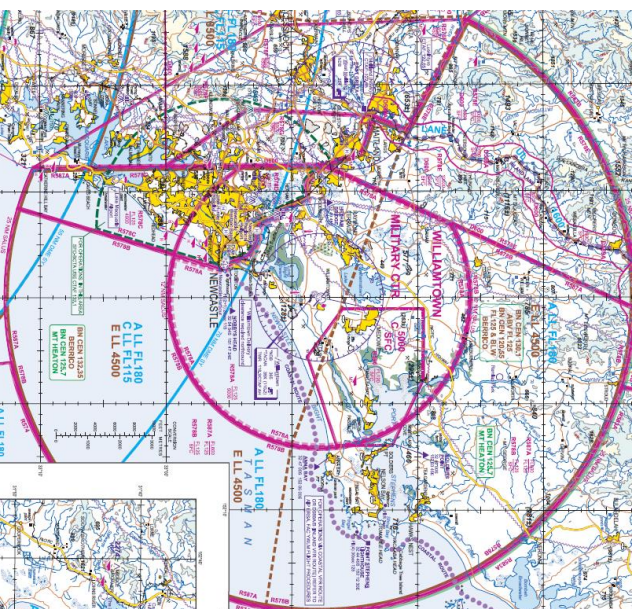
- Airservices participates in Pilbara Operators Forum
- Airservices published the Pilbara Region Terminal Area Chart (TAC) to improve operations in the airspace
- Airlines are collaborating on a 'Joint Operators Manual' to support aligned processes
- CASA Office of Airspace Regulation (OAR) are currently finalising the Pilbara airspace review:
 - Communication limitations in the area impact situational awareness
 - VHF radio communications are limited at lower levels due to topography and shielding
 - Frequency congestion is regularly experienced
 - HF communications are delayed due operations separate from ATC sector
 - Satellite phones are used due HF limitations, impacting situational awareness
 - Surveillance is limited to ADS-B, with 2 units available located at Newman and Paraburadoo, coverage limited away from these areas



Update on Safety Related Issues – Airspace

Williamstown / Newcastle

- Final design for Williamstown Airspace changes was approved by CASA in July and will come into effect on 30 November
- All changes have been published as part of AIP: <https://www.airservicesaustralia.com/aip>
- Includes changes to flight paths, introduction of Class C steps and R559 Restricted Area
- Airservices is providing industry briefings via Teams over the next few weeks – invitations have been sent to Airlines and other stakeholders that were part of the consultation



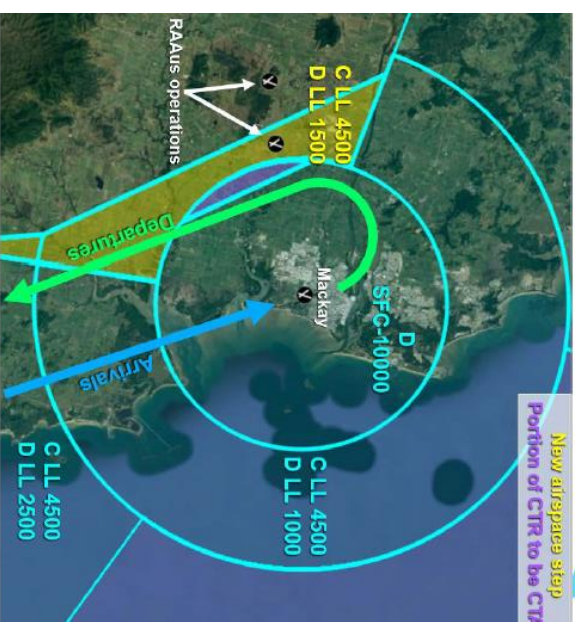
Update on Safety Related Issues – Airspace

Proserpine/Whitsunday

- CASA OAR conducting aeronautical study/airspace review (commenced in June)
- The scope includes Proserpine Broadcast Area (BA), OCTA regions of the Whitsundays, and the Kinchant BA
- Minor change to airspace west of Mackay proposed after initial consultation with GA – now subject to environmental assessment
- Further changes in the area are subject to the findings of the CASA OAR review

Launceston

- A new RADAR SID for RWY 14R will come into effect on 2 November
- Safety improvement: traffic departing to north will be further separated from arriving traffic
- Improved integration with TASS APP service
- Other SID/STAR changes have been delayed



**APPENDIX 1
TO SUP 140/23**

LAUNCESTON ONE	LAUNCESTON TWO	LAUNCESTON THREE
1124 (TWR/HR)	1142 (TWR/HR)	1128 (TWR/HR)
134,75 (QEG)	124,5 (QEG)	134,75 (QEG)
LAUNCESTON ONE	LAUNCESTON TWO	LAUNCESTON THREE

STANDARD INSTRUMENT DEPARTURES (SID)
LAUNCESTON ONE LAUNCESTON TWO LAUNCESTON THREE (YMLT)
LAUNCESTON ONE LAUNCESTON TWO LAUNCESTON THREE
LAUNCESTON ONE LAUNCESTON TWO LAUNCESTON THREE

CLASS	MAX IAS	MAX IAS 2500FT	CLASS D SPEED	BELOW 10,000ft
LAUNCESTON ONE	250K	250K	10000ft	10000ft
LAUNCESTON TWO	250K	250K	10000ft	10000ft
LAUNCESTON THREE	250K	250K	10000ft	10000ft

NOT TO SCALE

LAUNCESTON ONE DEPARTURE (RADAR)

RWY 14R

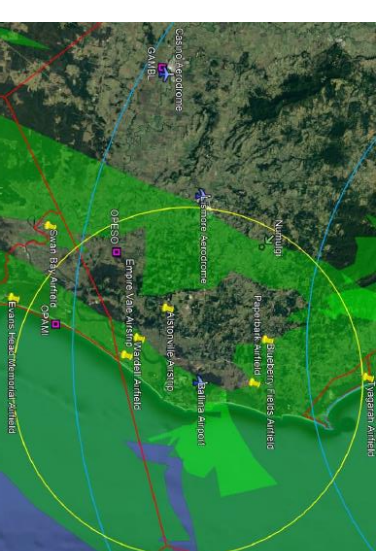
GRAD 4.6% to 6300ft, then 3.3%

- Track 133°
- AT or ABV 2000ft turn to assigned heading or track

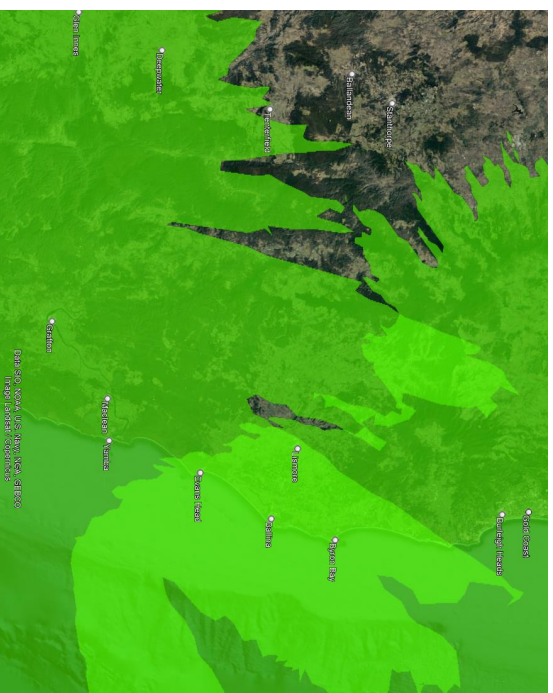
Update on Safety Related Issues – Airspace

Ballina

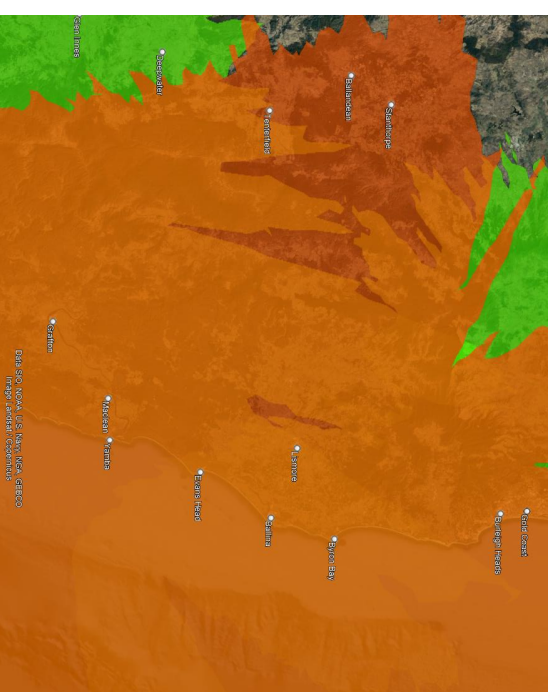
- Currently delivering Surveillance and Flight Information Service (SFIS)
- CASA OAR Airspace Review published in Dec 2022, with 9 recommendations, 4 related to Airservices:
 - CASA to direct AA to install ADS-B ground station
 - Airservices installed ADS-B ground station in March 2023 – filled in low-level surveillance gaps, particularly to West of BNA, below 5000ft – see coverage plots
 - CASA to make determination to establish control area with a base as low as possible (interim)
 - CASA to make determination that Ballina become a controlled aerodrome
 - CASA to prepare and finalise ACP in preparation for recommendations above
- Target dates still to be confirmed

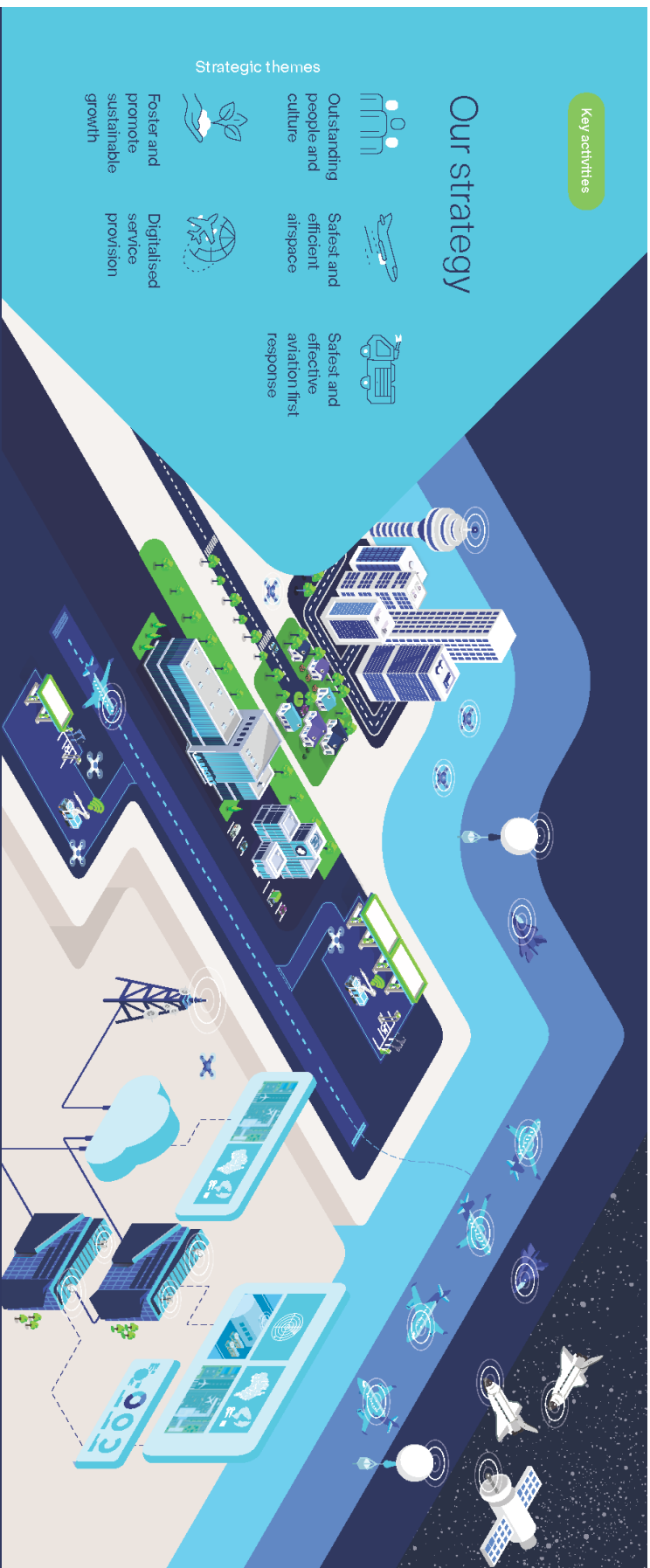


1500ft Before



5000ft Before and After





Key activities

Our strategy

- Strategic themes**
- Outstanding people and culture
 - Safest and efficient airspace
 - Safest and effective aviation first response
 - Foster and promote sustainable growth
 - Digitalised service provision

Outcomes

- 1** Zero significant attributable safety occurrences
- 2** 100% planned aerodrome capacity delivered
- 3** Enabling 30% increase in Australian air traffic movements
- 4** 80% people engagement
- 5** Fostering the drive towards zero harm
- 6** 30% reduction in cost to serve
- 7** Community acceptance of the value of aviation
- 8** Net zero emissions by 2050

Change portfolio plan

- Change programs**
- OneSKY and Aerospace
 - Western Sydney International Airport
 - ARFFS Capability Uplift
 - People and Culture
 - Facilities and Environment
 - Support Services
 - Operational Technology and Cyber
 - Enterprise Network Modernisation
 - Community Engagement
 - Uncrewed Services

Questions?

Contact: service.assurance@airservicesaustralia.com

Airspace and Flight Path Changes – see Engage: <https://engage.airservicesaustralia.com>

AIP: <https://www.airservicesaustralia.com/aip>

Australian Aviation Network Overview:

<https://www.airservicesaustralia.com/category/air-traffic-management>