

MEETING Q1, 2022

AIRPORT COMMUNITY CONSULTATIVE COMMITTEE

Jan 20 | 2022

YYC CALGARY
AIRPORT
AUTHORITY

In the spirit of respect, reciprocity and truth, we honour our ancestors and those who took care of this land long before we were here by acknowledging the Treaty 7 territory of the Blackfoot confederacy.

This includes the Siksika, Kainai, Piikani peoples — as well as the Îyâxe Nakoda, and Tsuut'ina nations. This territory is also home to the Métis Nation of Alberta, Region 3.

We embrace the role of helping to protect the space and foster the growth and development of the peoples – both the Indigenous and non-Indigenous - who live, work, and play on these lands.



Agenda

- 1. Welcome, introductory remarks & review of action items**
- 2. Airport operation & passenger statistics**
- 3. Community concerns & noise profile**
- 4. Communications update**
- 5. Jet Turn trial update**
- 6. Round Table**



Action Items

ID	Action	Accountable Party	Date Established	Current Status
1	Schedule ACCC meeting before the public release of the Jet-trial engagement survey	YYC	2021, Q4	New
2	Discuss community engagement through community newsletters	YYC & ACCC	2021, Q2	Ongoing
3	Reporting on previous mobile noise studies	YYC	2021, Q1	On-hold

Safety Moment: Let's Talk Day



Mental Health: The world's biggest conversation about mental health.
#BellLetsTalk on January 26

Distress Centre Calgary: 24/7 by phone, text or chat
403-266-HELP

Some Links:

<https://letstalk.bell.ca/en/>

<https://letstalk.bell.ca/en/toolkit>

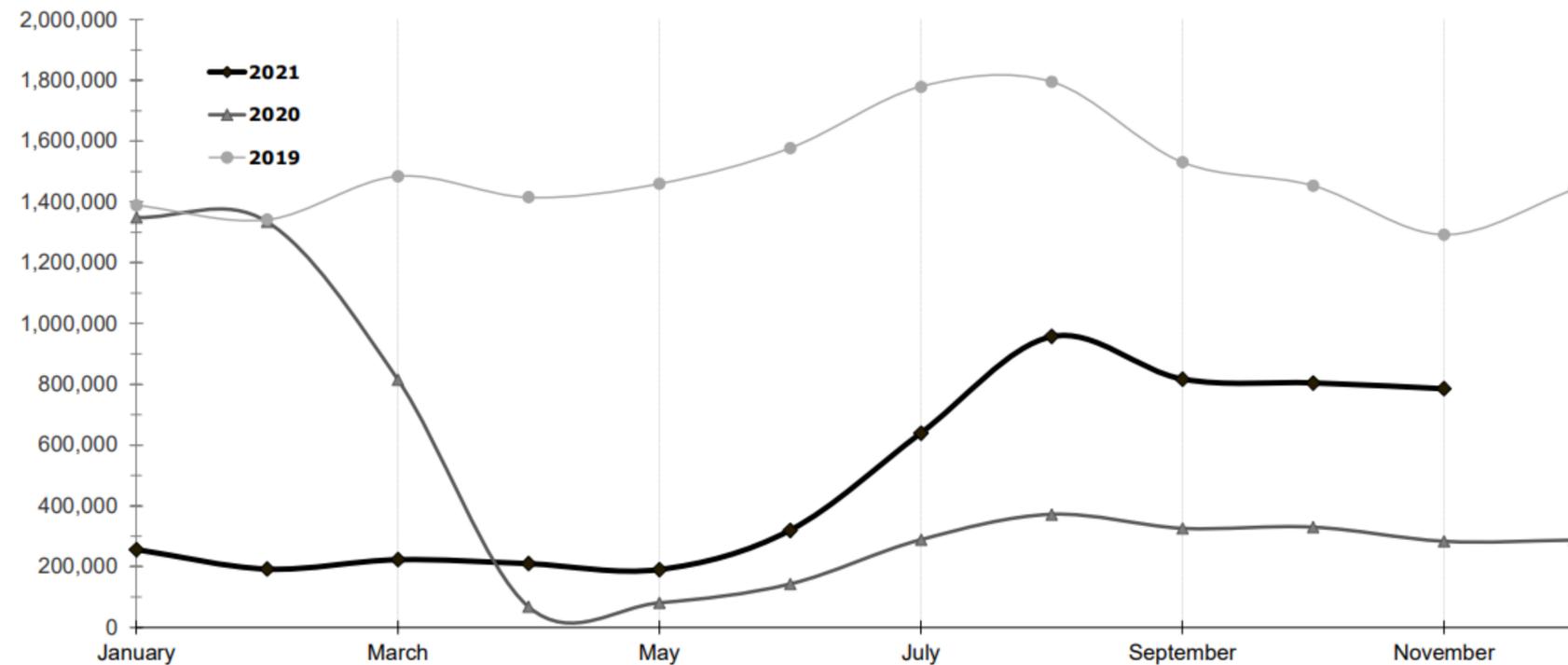
Terminal & Airfield Operations



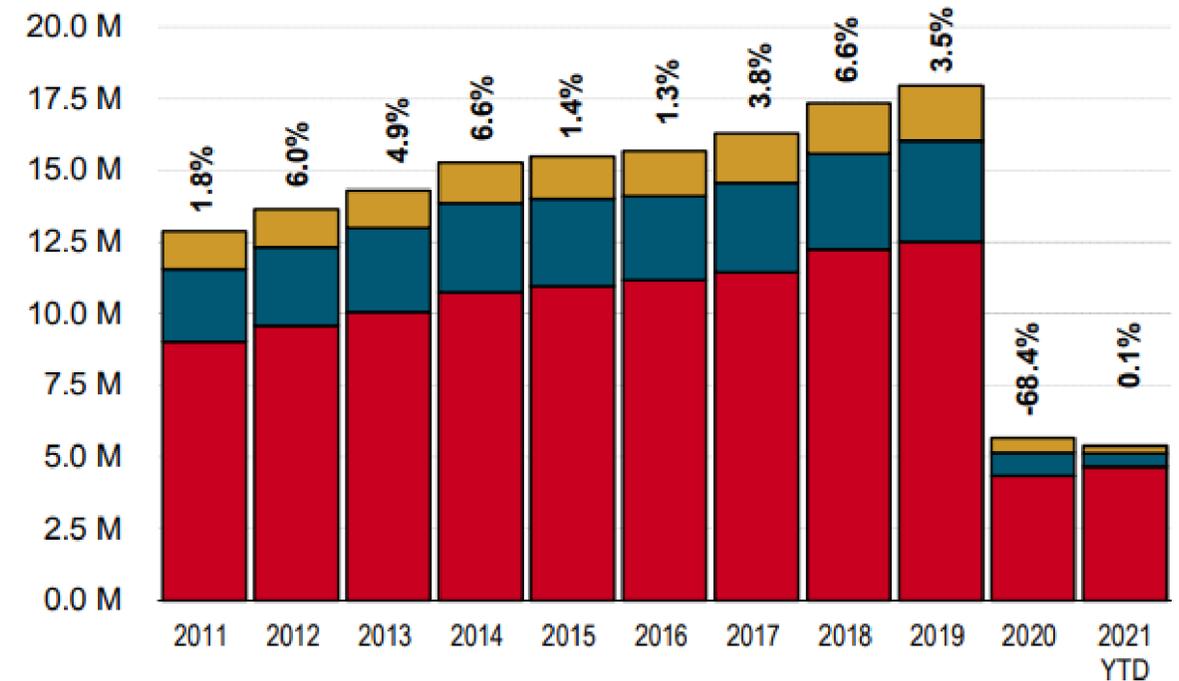
- Extreme cold over the holidays: departures impact
- Snow removal
- Airport staffing
- New Travel Requirements/omicron

YYC Passenger Statistics

LOCAL E&D PASSENGERS BY MONTH



HISTORICAL E&D PASSENGERS
2011 - 2021



5.67 million passengers in 2021 (up 0.06% compared to 2020)

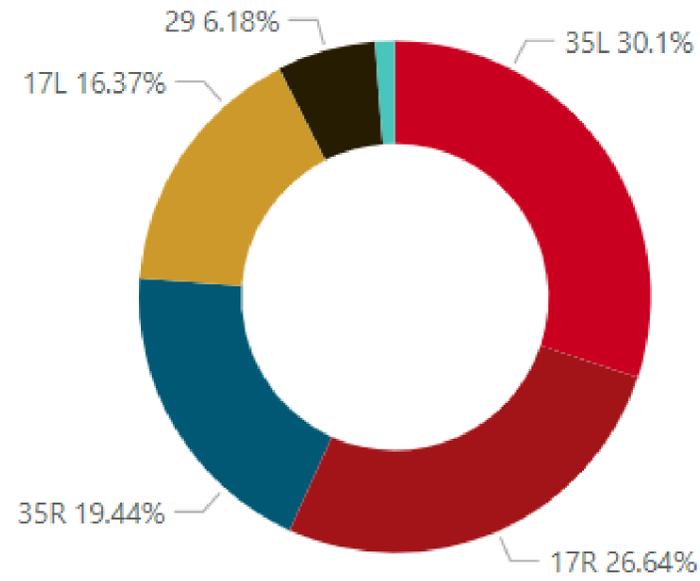


FLIGHTS & NOISE PROFILE



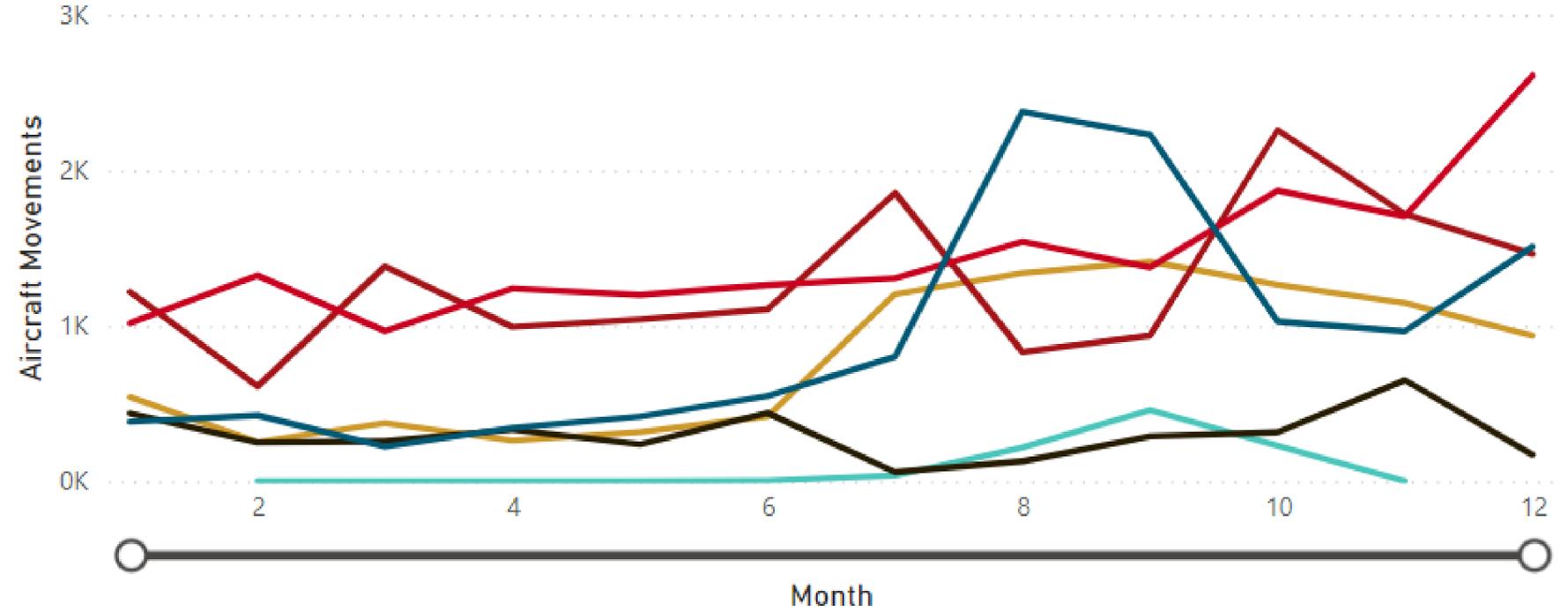
Runway Usage 2021

Arrivals

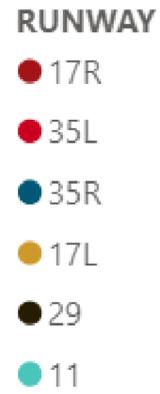
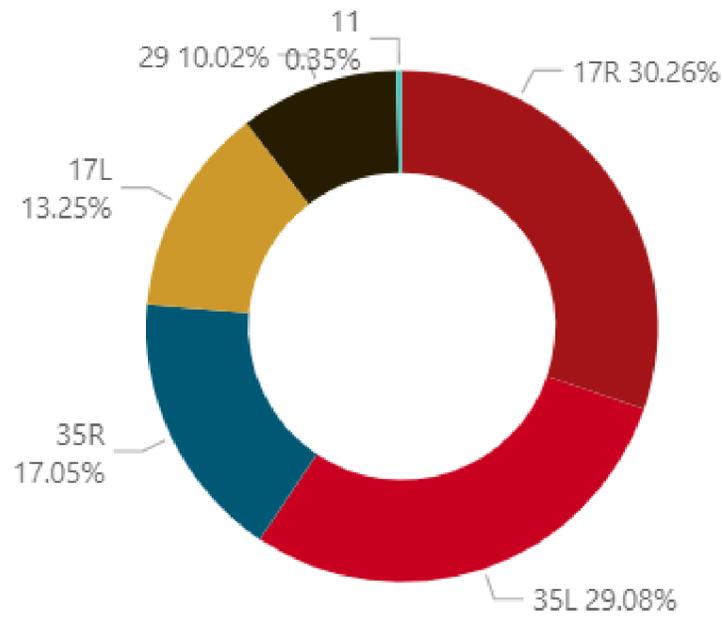


Arrivals

RUNWAY ● 11 ● 17L ● 17R ● 29 ● 35L ● 35R

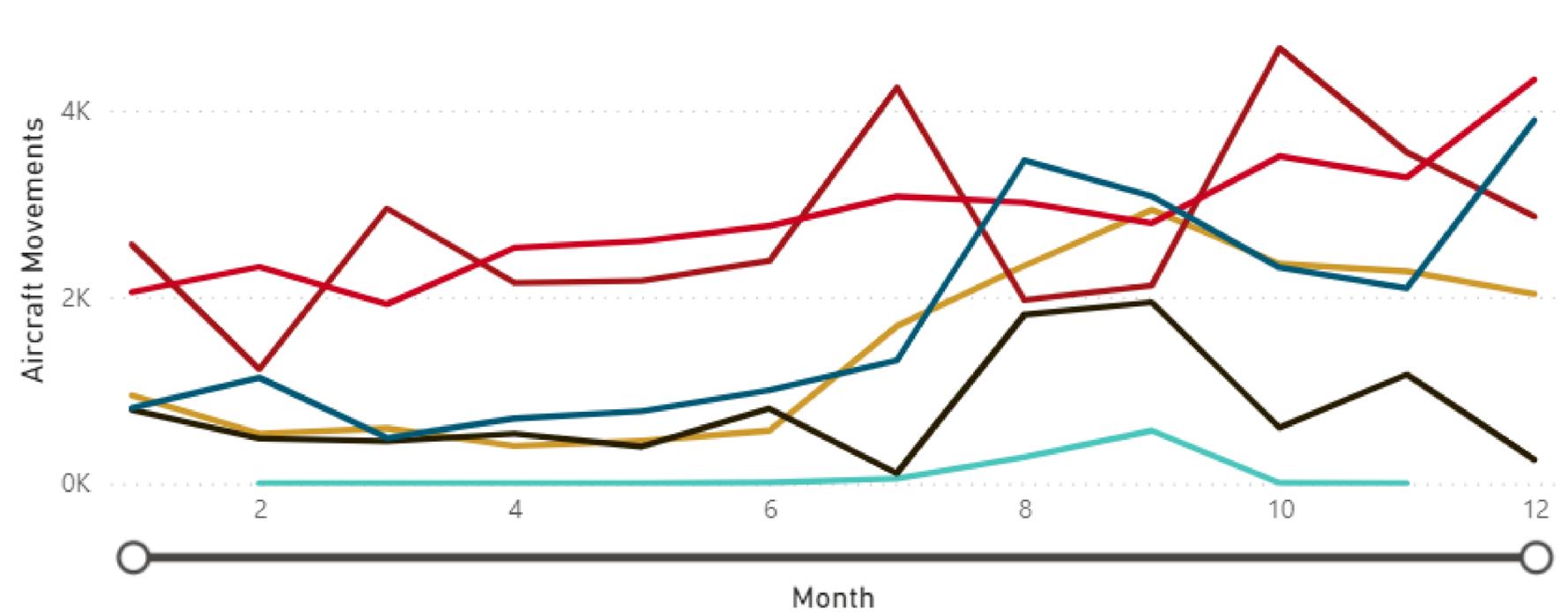


Departures



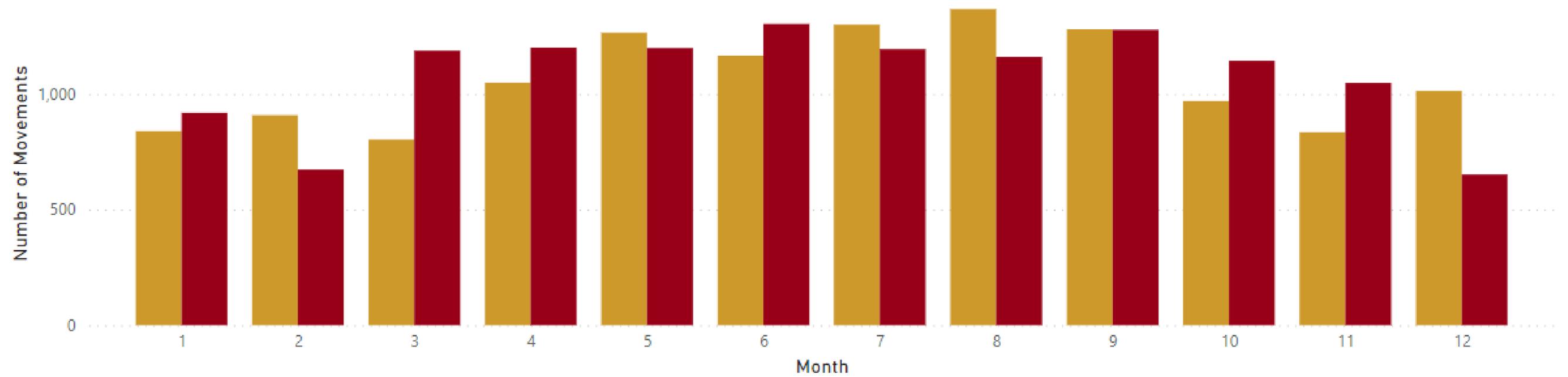
Departures

RUNWAY ● 11 ● 17L ● 17R ● 29 ● 35L ● 35R



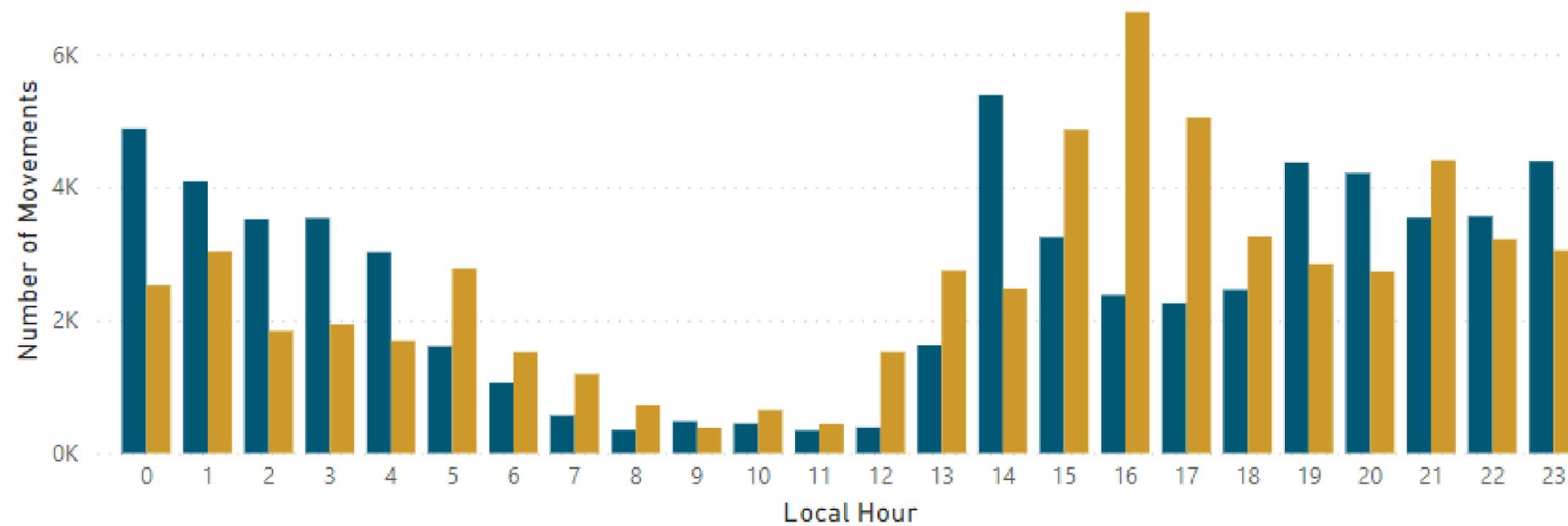
Other Air Traffic Stat (2021)

VRF Movements
YR ● 2020 ● 2021

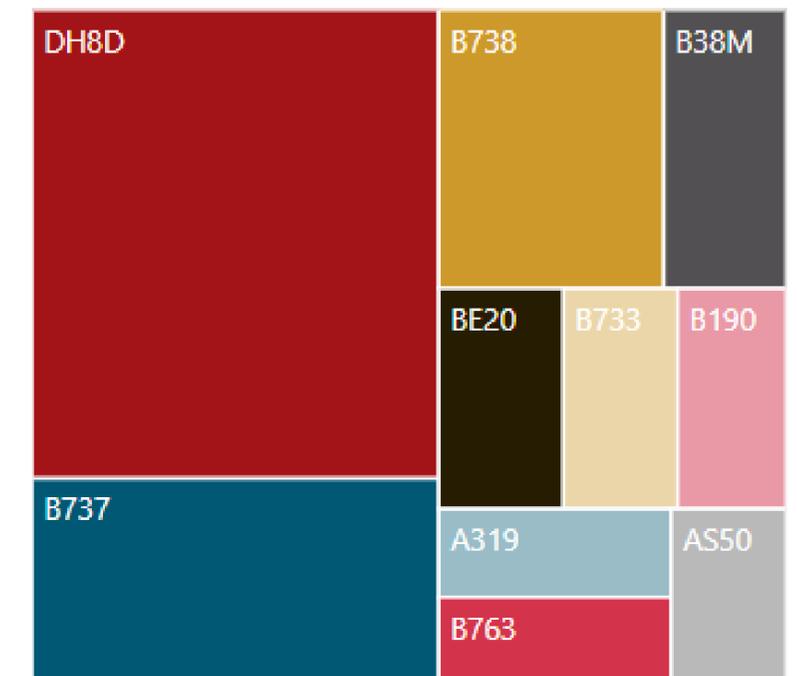


Total Movements By Hour

Departures (D) or Arrivals (A) ● A ● D



Top 10 Aircraft Types at YYC



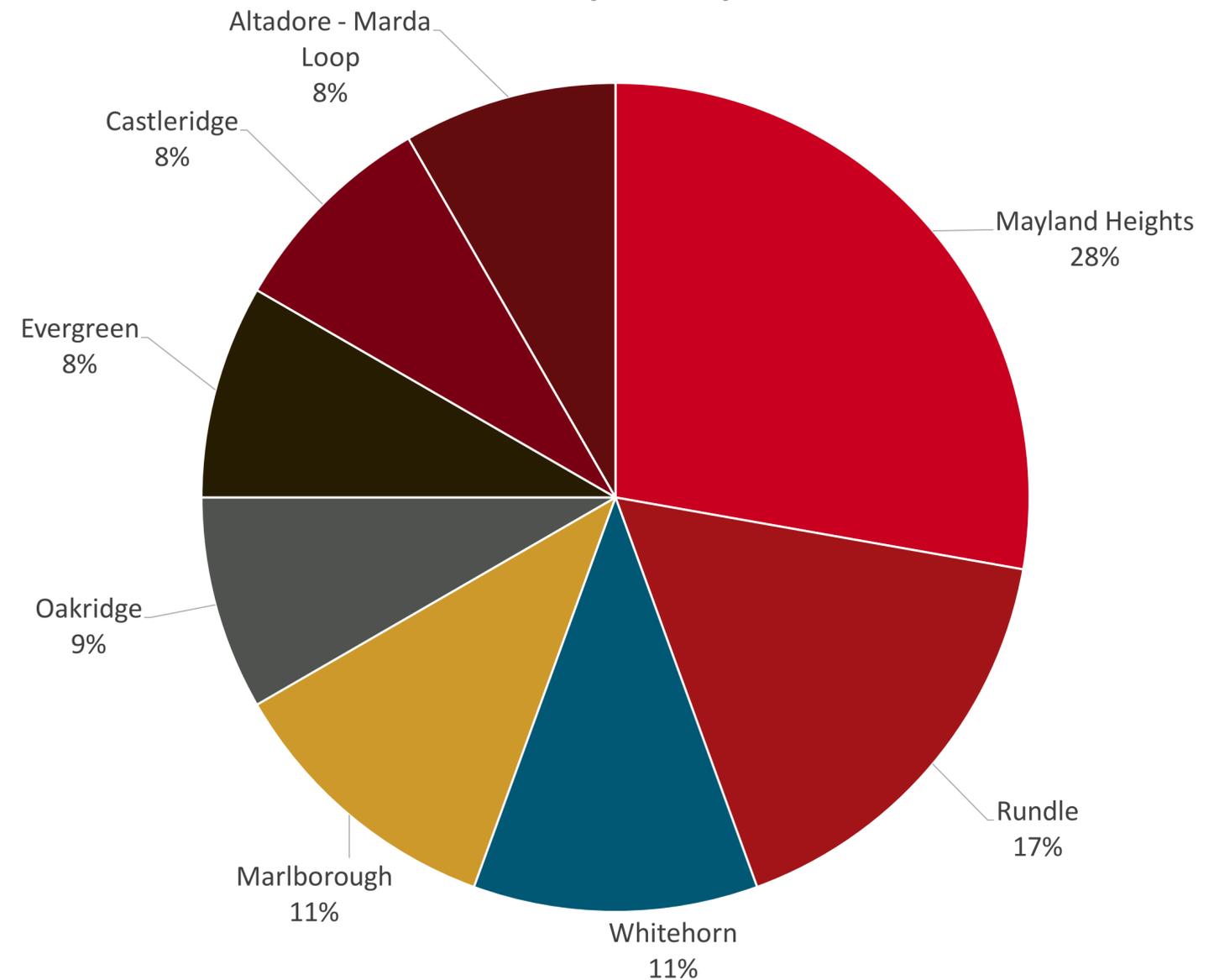
Household Noise Concerns by Community

Communities with > 3 Number of Household Concerns (N = 36)

Significant drop from Q4, 2021 (N = 213)

Predominantly related to departures off 17R and 29

Communities with > 3 Number of Household Concerns (N = 36)



RNP Usage Update

- Detailed stats not currently available
- Anecdotally, the frequency of usage of RNP would have gone up due to lower overall traffic.
- It is still the preferred approach to be issued.
- The airline fleets have also evolved to permit more eligible flights.



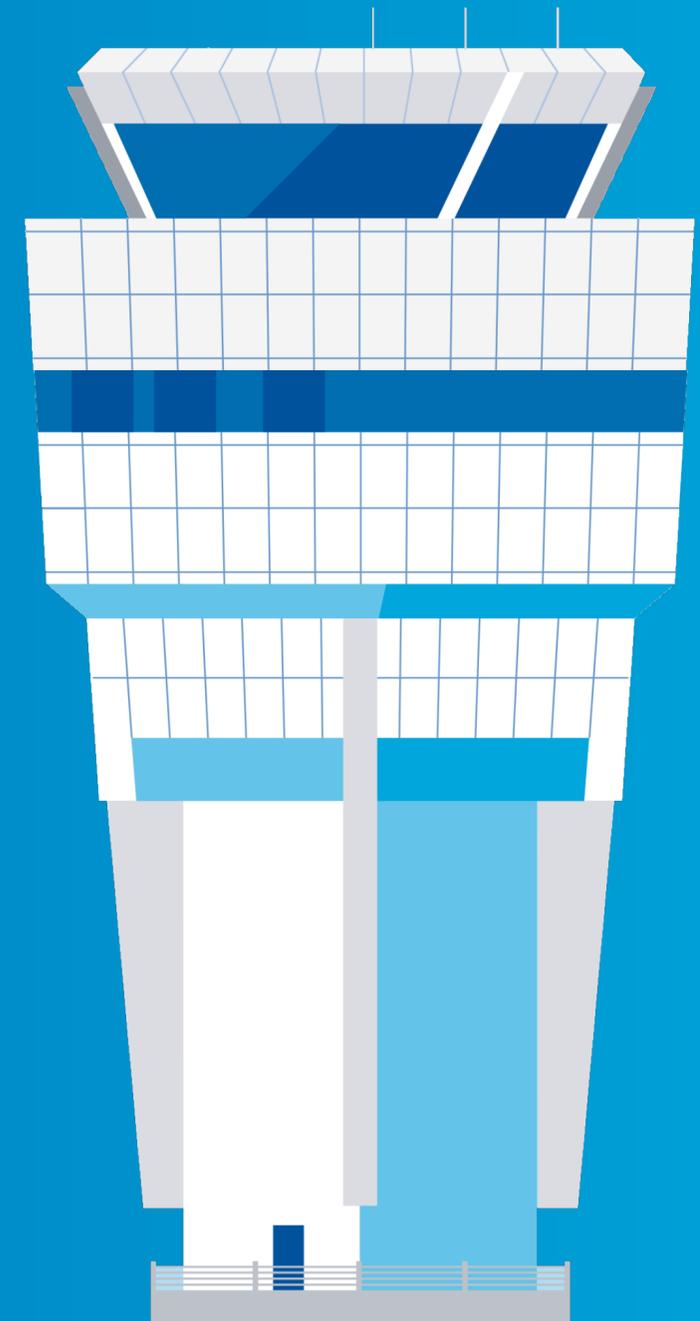
Communications update

2022-01-20

Calgary Airport Southbound Jet Turn Trial

Christopher Csatlos – Manager, Stakeholder and Industry Relations

Greg Konrad – Manager, Calgary Tower



TOPICS

- ▶ Refresher on Jet Turn Trial
- ▶ Launch of Consultation
- ▶ Q&A

Refresher on Jet Turn Trial

REFRESHER ON JET TURN TRIAL

Background

- › In collaboration with Calgary Airport Authority, NAV CANADA is currently conducting a departure procedure trial that improves runway throughput, responds to airport infrastructure changes, and delivers noise mitigation to communities south of the airport.
- › The trial permits jets departing runway 17L or 17R to turn toward the other runway on initial departure.
 - This is similar to the procedure already in place for aircraft departing to the north using runway 35L or 35R.
 - Intended as a one-year trial but extended due traffic levels during the pandemic.

REFRESHER ON JET TURN TRIAL

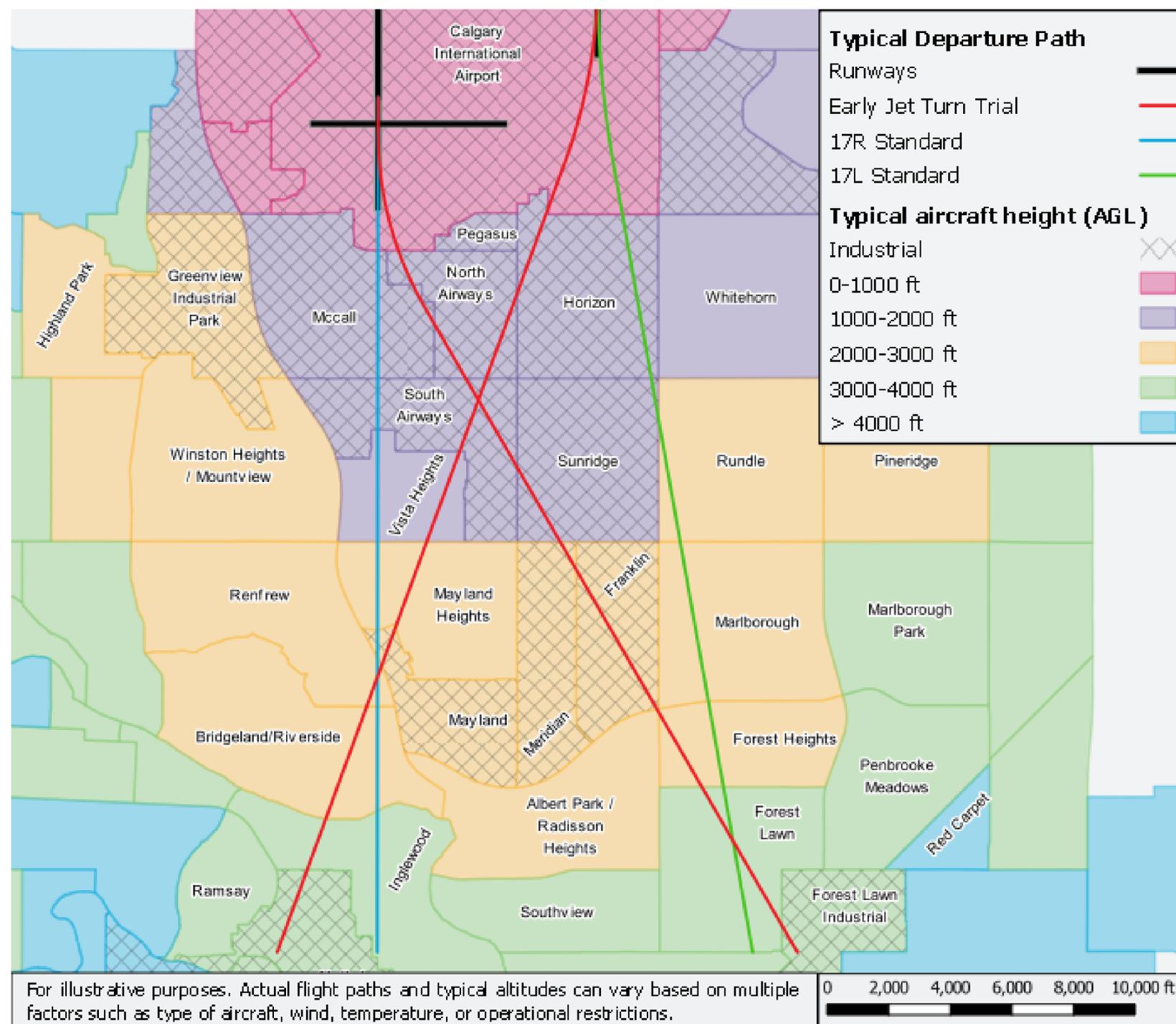
Benefits

- › Increased balancing of noise for communities south of the airport.
- › 17R departures more likely to overfly non-residential land at lowest altitudes.
- › 17L departures more likely to be higher when they reach residentially populated areas.
- › Reduced track mileage and greenhouse gas emissions as a result of reduced taxiing and more direct routing in the air.
- › Reduced taxi times and reduced complexity in moving aircraft on the ground (including associated fuel burn).

JET TURN REFRESHER

Anticipated Flight Tracks

- › Red lines show anticipated paths from each runway
- › The colour of each neighbourhood indicates approximate height above ground for aircraft (during an example 36 hour period)
- › Hatched areas are designated, “Industrial” by the City of Calgary



Launch of Consultation

UPDATE ON CONSULTATION

- › Initial briefing provided to the airport's community consultative committee (ACCC) on September 18, 2019.
- › Public notice was published on YYC website and shared with email distribution list.
- › Commitment to updating the ACCC on performance of the trial at scheduled meetings.
- › Further public engagement/consultation will be in coordination with the Airport Authority.

CONSULTATION PHASES

Pre-Consultation

January 2022

- › Advanced briefing to elected officials
- › Other Pre-Consultation Briefings
- › Material Prep

Official Consultation Period

January 2022

- › Jan 24, 2022 to Mar 11, 2022
- › Online Information Session
- › Feedback Survey

Post-Consultation

March 2022

- › Consultation Report
- › Briefings to ACCC on results

Implementation
• Subject to consultation

April/May 2022

- › Implementation Planning
- › 180-day post-implementation Community Impact Assessment in Fall 2022

HOW CAN RESIDENTS LEARN MORE?

Online Information Session
Wed, Feb 16, 2022, 5:00 p.m. MST

NAV CANADA Website
EN: www.navcanada.ca/yycturn
FR: www.navcanada.ca/virageyyc

Hosted by NAV CANADA

- › About NAV CANADA and YYC AA
- › About ATC and Calgary Departures
- › Alternate Departure Heading Trial
 - Information about the procedure
 - Results to-date
- › How can I provide my feedback?
 - Online survey
 - Paper copy of survey available by phoning NAV CANADA
- › Q & A

- › Project background
- › Facts about the trial
- › What does it mean for communities
- › How to get involved

POST-CONSULTATION AND IMPLEMENTATION

- › A post-consultation report detailing information and feedback obtained during the consultation period will be prepared by NAV CANADA
- › Implementation will be subject to the outcome of consultations and scheduled accordingly
- › An assessment of the change will be made by NAV CANADA and the Calgary Airport Authority following 180 days from implementation
- › The 180-day review will be shared with the ACCC and published on NAV CANADA's website.

Q & A



THANK YOU

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MEMBER Q/A

