



## ADDITIONAL STEPS WE'RE TAKING TO ADDRESS COMMUNITY IMPACTS

- Toronto Pearson Residents' Reference Panel on Airport Growth and Noise Fairness ([www.torontopearson.com](http://www.torontopearson.com))
- Final Report of the Independent Toronto Airspace Review ([www.torontoairspacerewiew.ca](http://www.torontoairspacerewiew.ca))
- NAV CANADA Response to the Independent Toronto Airspace Review Report ([www.navcanada.ca](http://www.navcanada.ca))
- Growing Responsibly: 10 Commitments to our Neighbours GTAA's 2018-2022 Noise Management Action Plan ([www.torontopearson.com/noisemanagement](http://www.torontopearson.com/noisemanagement))

### Benefits of the Six Ideas



Reduced impacts from nighttime air traffic



Predictable respite from air traffic for some communities on summer weekends



Keeping aircraft at higher altitudes in portions of the approach path whenever possible

# YYZ PUBLIC CONSULTATION

SPRING 2018 | GREATER TORONTO AREA

Have your say. To learn more about the proposals and how you can participate in the conversation, visit [www.torontopearson.com/conversations](http://www.torontopearson.com/conversations)

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## A QUIETER OPERATIONS ROADMAP

Six Ideas to reduce noise impacts for our neighbours

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# WORKING TOGETHER WITH OUR COMMUNITIES

Toronto Pearson is fast becoming one of the world's leading airports. As the airport works to meet the demand for air travel, Toronto Pearson understands the impact its operations has on surrounding communities.

In June 2015, the Greater Toronto Airports Authority (GTAA) and NAV CANADA began a conversation to explore noise mitigation ideas with communities across the Greater Toronto Area (GTA).

Feedback provided by you and your neighbours across the GTA helped us better identify noise reduction opportunities in residential areas. These conversations led to the creation of the Toronto Noise Mitigation Initiatives Engagement Plan, commonly known as the Six Ideas.

Each idea underwent technical analysis to determine the impacts and benefits for local communities and the feasibility of implementing the initiative given the demand forecast for Toronto Pearson. Where possible, we looked for opportunities to minimize the total number of people impacted by aircraft noise.

The GTAA and NAV CANADA are committed to exploring opportunities to reduce impacts for communities.

With the technical analysis for these Six Ideas now complete, we're ready to report back and to gather more of your feedback.

# SIX IDEAS, DESIGNED TO BENEFIT YOU – OUR NEIGHBOUR.

## 1 NIGHTTIME APPROACHES

Between 12:30 a.m. and 6:30 a.m., new flight paths will be used by arriving aircraft. The new routes will better avoid populated areas and impact fewer people. The new routes are optimized to allow aircraft to fly in quieter configuration associated with continuous descent operations.

## 2 NIGHTTIME DEPARTURES

Between 12:30 a.m. and 6:30 a.m., nighttime departure route changes will better avoid populated areas and impact fewer people. This includes changes to where aircraft turn. This change in nighttime departures may help minimize the population impacted by aircraft noise during this time.

## 3 INCREASE DOWNWIND SPEED

Effective April 2017, changes in speed restrictions on the downwind portion of the arrival flight path were implemented. This change is designed to reduce noise in some areas of the city by decreasing the need for flap use by pilots of larger aircraft needing to slow their airspeed as they approach the airport.

## 4 CONTINUOUS DESCENT OPERATIONS

Increasing the use of Continuous Descent Operations enables aircraft to be at higher altitudes during a longer portion of the arrival. It also enables more aircraft to operate in a clean, quieter profile at a reduced thrust and flap setting. In some cases, the proposal will allow for more aircraft to cut across Lake Ontario and avoid using the downwind leg.

## 5 SUMMER WEEKEND RUNWAY ALTERNATION PROGRAM

Many international airports operate programs designed to provide residents with predictable respite from aircraft noise by rotating runway usage during low traffic periods. This program would provide residents under the final approach and initial departure paths of the east/west runways with predictable respite on summer weekends.

## 6 PREFERENTIAL RUNWAY SYSTEM REVIEW

Toronto Pearson uses a preferential runway system from 12:00 a.m. to 6:30 a.m. in order to minimize impacts on residential areas. Proposed changes will further minimize the population affected by nighttime aircraft noise and provide residents with more clarity on which runways will be used in which weather conditions.

