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# INDEPENDENT TORONTO AIRSPACE NOISE REVIEW

The “Helios Report”



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# INDEPENDENT AIRSPACE NOISE REVIEW

## “Helios Study”

- › NAV CANADA announced its intention to commission an independent review of Toronto airspace in May 2016
- › Bo Redeborn, Graham Lake and Helios started the Independent Review in September 2016
- › Study was set up to:
  - Consult with the local communities and stakeholders
  - Examine best practices from other comparable international airports
  - Look for other opportunities to reduce noise either through ATM practices, flight path design or aircraft operating practices
- › Final report was delivered September 18, 2017



HELIOS

The aviation consultancy of Egis

# INDEPENDENT TORONTO AIRSPACE NOISE REVIEW

## Report and Recommendations

In partnership with:  
Bo Redeborn  
Graham Lake

an  egis company

[torontoairspacereview.ca](http://torontoairspacereview.ca)

# RECOMMENDATIONS

- › Thorough examination of community concerns
- › 18 recommendations aimed at improving community noise impacts around CYYZ
- › Recommendations deal with:
  - reducing noise at source
  - improving collaboration
  - quieter operations (LP/LD, CDO, steeper approaches, reducing need for high/low)
  - new ATM and navigational technologies
  - transparency on performance

# NAV CANADA RESPONSE

- › Released November 15
- › Available at [www.navcanada.ca](http://www.navcanada.ca)
- › Addressed each recommendation from the Helios report individually
  - Implementation plan and timeline
- › Provided update on the status of the “6 Initiatives” for which we are responsible
  - Overnight arrival flight paths
  - Overnight departure procedures
  - Approach speeds
  - Reducing low altitude levelling



An aerial night view of an airport tarmac, seen through a large window. The tarmac is illuminated by ground lights, and numerous aircraft are parked in rows. In the foreground, there are terminal buildings with lit-up windows and signs. The background shows the city lights of a large metropolitan area under a dark sky. The text "Thank you" is overlaid in the center of the image.

Thank you