

Independent Toronto Airspace Review

September 2016



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Aim, scope and output

Aim:

To complete an **independent review** of the Toronto area airspace design and operation to identify if there are further reasonable actions that could be taken to minimise the noise from aircraft operations.

Scope:

Helios will set the scope of the review following consultation with communities, aviation and policy stakeholders.

Output:

A report will be produced, which will be made public, setting out the conclusions of the review team and identifying any recommendations that we believe will reduce the noise from aircraft operations.

The review team

The review will be led by Helios working with Graham Lake and Bo Redeborn.

Helios

- Aviation consultancy based in the UK
- Reputation for excellence and integrity
- Specialists in air traffic management and airport operations

Bo & Graham

- Experts in the air traffic domain
- Experienced in consulting local communities, policy makers, airports, regulators and air traffic service providers
- Extensive understanding of institutional and regulatory environments
- Recently concluded a similar review for London Gatwick

Project tasks

Task 1 – Set the Terms of Reference (ToR)

- Draft ToR developed by Helios
- Consultation on ToR
- Invite written submissions TorontoAirspaceReview@askhelios.com
- Helios will finalise ToR

Task 2 – Understand the issues

- Consultation to listen to you
- Build our understanding
- Ask probing questions
- Build knowledge of local airspace design and national policy

Project tasks

Task 3 – Investigate solutions

- Develop options to address concerns
- Learn from other air traffic service providers and airports
- Investigate practicability and consequences of options
- Consult stakeholders on options

Task 4 – Conclusions, recommendations and reporting

- Define conclusions
- Reflect on options to refine recommendations
- Publish the final report
- Present conclusions and recommendations to stakeholders

Project timescale

	2016				2017							
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
Task 1: Set the ToR												
1st Consultation												
Task 2: Understand the local issues												
2nd Consultation												
Task 3: Investigate solutions												
3rd Consultation												
Task 4: Conclusions, recommendations and												
Presentation of report												

Draft Terms of Reference

*These Terms of Reference are **draft** to be discussed with communities and stakeholders before finalization by the review team.*

- **The purpose of the review** is to consider whether all reasonably practicable actions are in place to deliver, for the Toronto area airspace, an environmentally sustainable design and aircraft operation.
- **Scope of the review** - **arrival and departure operations below 8,000 ft** related to Toronto-Pearson airport.
- The review will specifically take account of:
 - **Best practice** from comparable airports;
 - Other **operational opportunities to reduce noise** either through airspace or flight path design or air traffic management practices, i.e. Continuous Descent Operations (CDOs);
 - The 6 existing Noise Mitigation Initiatives being pursued by the GTAA and NAV CANADA;

Draft Terms of Reference Continued

- The review will develop conclusions and where necessary will recommend actions to be undertaken.
- Any recommendations developed will be consistent with national policies and global aviation provisions, such that:
 - Flight **safety is not adversely affected** and;
 - Airport **capacity is not reduced**.

The review team will meet with **local communities, CENAC, NAV CANADA, GTAA, Transport Canada and other concerned stakeholders** in the conduct of the review.

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