

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 <u>TorontoAirspaceReview@askhelios.com</u>
- 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

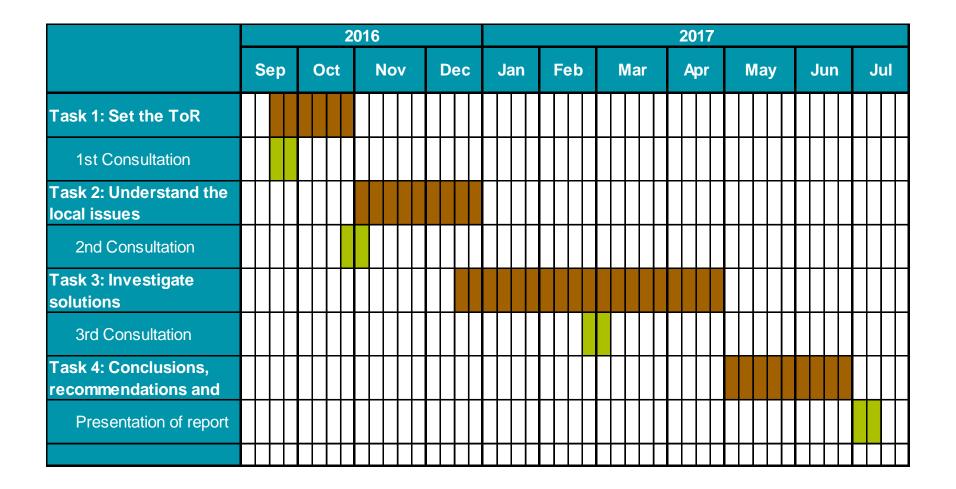
Task 3 – Investigate solutions

- 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



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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