

Noise Management Action Plan Update



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Toronto Pearson
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Noise Management Action Plan Update – April 29, 2015



Objectives

1. Noise Management Action Plan Review
2. 2014 Initiatives
3. 2015 Initiatives
4. Next Steps & CENAC Feedback



Noise Management Action Plan Overview



Noise Management Action Plan Review

- In January 2013, a **Noise Management Action Plan** was introduced to organize and guide noise management efforts between 2013 and 2017.
- Initiatives for the Plan were identified mainly through:
 - Feedback from residents and elected officials
 - Issues arising at CENAC meetings
 - Trends and issues identified by the Noise Management team
 - Industry Best Practices

Noise Management Action Plan Review

Categories:

- Land Use Planning
- Ground Operations
- Flight Procedures
- Monitoring and Flight Tracking
- Community Outreach and Education



2014 Initiatives



2014 Initiatives – Monitoring & Flight Tracking

Action Plan Initiative	Description
Monitoring and Flight Tracking	
Standardization of Enforcement and Auditing Procedures	<ul style="list-style-type: none">Based on capabilities of new Noise system, establish new auditing procedures

- Review of the existing Enforcement and Auditing processes
Outcome - introduced automated detection process to identify possible violations of flight procedures:
 - The Noise system was set up to automatically review all arrivals and departures for compliance to the Noise Abatement procedures
 - Flags potential violators for further analysis by Enforcement Specialist
- As of July 1, 2014, process implemented to assess 100% of flights for compliance

2014 Initiatives – Monitoring & Flight Tracking

Action Plan Initiative	Description
Monitoring and Flight Tracking	
10 Nautical Mile (NM) Complaint Restriction Review	<ul style="list-style-type: none">• Review of 10 NM complaint restriction

- Review of the 10 NM complaint restriction
- Outcome** - decision to lift the restriction:
- capture noise complaint data that represents all areas affected by Toronto Pearson operations
 - reduces confusion for residents regarding the boundary
 - responds to concerns expressed by residents and elected officials
- As of January 1, 2015, the Noise office began accepting complaints from residents living outside the 10 NM boundary

2014 Initiatives – Community Outreach & Education

Action Plan Initiative	Description
Community Outreach and Education	
Clarify roles and responsibilities	<ul style="list-style-type: none">Clarify roles and responsibilities: GTAA, NavCanada, Transport Canada, Noise office, CENAC

- Review of CENAC to ensure that the format, terms of reference and committee composition are relevant and effective

Outcome - changes to meeting format and membership composition:

- Membership** revised to better reflect communities impacted by operations and to be aligned with the membership composition of the GTAA Board of Directors and Consultative Committee
- Meeting Format** revised to be more convenient, interactive and responsive to the community.
- New meeting format implemented at February 25, 2015 CENAC meeting

2014 Initiatives – Flight Procedures

Action Plan Initiative	Description
Flight Procedures	
Preferential Runway System	<ul style="list-style-type: none">• Review of Preferential Runway system

- This is an ongoing initiative
- In process of determining research and metrics required to ensure meaningful review
- Any changes to the Preferential Runway System will require changes to the Noise pages in the Canada Air Pilot (CAP) consistent with Transport Canada Advisory Circular 302-002: Implementation of New or Amended Noise Abatement Procedures. Therefore will be grouped with any other initiatives that trigger this process.

2014 Initiatives – Flight Procedures

Action Plan Initiative	Description
Flight Procedures	
Early Turns Trial and Props Trial	<ul style="list-style-type: none">• Review of current early jet turn Trial and extended time Trial of the Prop turns• Development of Trial Criteria

- This is an ongoing initiative
- In process of determining metrics and developing Trial criteria to ensure meaningful review
- Formalization of the Trials will require changes to the Noise pages in the Canada Air Pilot (CAP) consistent with Transport Canada Advisory Circular 302-002: Implementation of New or Amended Noise Abatement Procedures. Therefore will be grouped with any other initiatives that trigger this process.



Looking Ahead - Action Plan Goals 2015



2015 Initiatives – Ground Operations

Action Plan Initiative	Description
Ground Operations	
Engine Run Up Procedures	<ul style="list-style-type: none">Update Engine Run up procedures

Review updated Engine Run Up procedures

2015 Initiatives – Flight Procedures

Action Plan Initiative	Description
Flight Procedures	
Noise Abatement Procedures	<ul style="list-style-type: none">Review of current Noise Abatement procedures, identify opportunities for enhancement

Are there opportunities for enhancement to the Noise Abatement procedures?

2015 Initiatives – Monitoring & Flight Tracking

Action Plan Initiative	Description
Monitoring and Flight Tracking	
Noise System tool upgrades (noise monitors)	<ul style="list-style-type: none">• Assessment of Noise Monitoring Terminals (NMTs)• Installation of new NMTs

Re-assessment of NMT criteria and locations
Do we need to expand our noise monitoring?

2015 Initiatives – Community Outreach & Education

Action Plan Initiative	Description
Community Outreach and Education	
1. Develop Educational Materials	<ul style="list-style-type: none">Ongoing development of educational materials for use at community outreach sessions, CENAC meetings, website
2. Strategy for community outreach and education	<ul style="list-style-type: none">Development of targeted strategy for community outreach

1. Continue to develop educational materials and improve the noise section on website
2. Develop strategy/calendar for ongoing community outreach (similar to Halton Hills Open House in April 2015)
Develop Toronto Pearson's Good Neighbour Charter and CENAC 2015 Noise Mitigation Initiatives, Consultation and Engagement Process



CENAC Feedback



Next Steps and CENAC Feedback

Next Steps

- Each Initiative will be presented and discussed with background/context

CENAC Feedback

- Thoughts on 2014 Initiatives?
- Thoughts on 2015 Initiatives?





Thank you



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