

# Noise Management Action Plan Update



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**Toronto Pearson**  
International Airport | Aéroport International



## 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
<b>Monitoring and Flight Tracking</b>	
Standardization of Enforcement and Auditing Procedures	<ul style="list-style-type: none"><li>Based on capabilities of new Noise system, establish new auditing procedures</li></ul>

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

- 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
<b>Community Outreach and Education</b>	
Clarify roles and responsibilities	<ul style="list-style-type: none"><li>Clarify roles and responsibilities: GTAA, NavCanada, Transport Canada, Noise office, <b>CENAC</b></li></ul>

- 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
<b>Flight Procedures</b>	
Preferential Runway System	<ul style="list-style-type: none"><li>• Review of Preferential Runway system</li></ul>

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

- 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
<b>Ground Operations</b>	
Engine Run Up Procedures	<ul style="list-style-type: none"><li>• Update Engine Run up procedures</li></ul>

Review updated Engine Run Up procedures

# 2015 Initiatives – Flight Procedures

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

Are there opportunities for enhancement to the Noise Abatement procedures?

# 2015 Initiatives – Monitoring & Flight Tracking

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

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



# 2015 Initiatives – Community Outreach & Education

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

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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