



# Noise Management Action Plan Update February 24, 2016



# Objectives

1. Noise Management Action Plan Review
2. 2015 Initiatives
3. 2016 Initiatives
4. CENAC Feedback



# Noise Management Action Plan Review



# 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



# 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>

- The Engine Run Up procedures were updated with no new noise impacts

# Flight Procedures

Action Plan Initiative	Description
<b>Flight Procedures</b>	
1.Noise Abatement Procedures	<ul style="list-style-type: none"><li>• Review of current Noise Abatement procedures, identify opportunities for enhancement</li></ul>
2.Preferential Runway System	<ul style="list-style-type: none"><li>• Review of Preferential Runway system</li></ul>

- These initiatives are reflected as part of the Six Noise Mitigation Ideas which are currently under Technical Review:
  - Idea 1 - New approaches for night-time operations
  - Idea 2 - New departure procedures for night-time operations
  - Idea 6 - Review of Night –Time Preferential Runway System



# 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

# 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 Terminal (NMTs) Locations</li></ul>

- This is an ongoing initiative
- Portable monitoring complete
- Assessment underway
- Communications about NMT review, noise and noise monitoring on website and promoted through social media
- <http://www.torontopearson.com/NoiseMonitoring/#>

# 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. Develop strategy for community outreach and education	<ul style="list-style-type: none"><li>Development of targeted strategy for community outreach</li></ul>

- In 2015, the Noise Office hosted seven education sessions for the CENAC committee and created reference materials
- Developed new Noise Management webpages to help answer general questions about airport operations, noise, and the Noise Management Program. To be launched in summer 2016
- Targeted strategy for community outreach developed as part of the Toronto Noise Mitigation Engagement Plan launched in June 2015



# Looking Ahead - Action Plan Goals 2016



# 2016 Initiatives – Monitoring & Flight Tracking

Action Plan Initiative	Description
<b>Monitoring and Flight Tracking</b>	
Noise Metrics and Reporting	<ul style="list-style-type: none"><li>Develop noise metrics and reports that will best provide meaningful and accessible information about noise impacts</li></ul>

1. Work with acoustician, noise system vendor and CENAC to develop metrics and reports that best reflect noise impacts
2. Reach out to other airports about metrics in use
3. Seek community input

# 2016-17 Initiatives – Community Outreach and Education

Action Plan Initiative	Description
<b>Community Outreach and Education</b>	
Research and report on best practices at other airports	<ul style="list-style-type: none"><li>• Research Noise Management Programs in place at other airports to identify opportunities for Toronto Pearson</li></ul>

1. Work with CENAC and residents to identify areas for research
2. Develop and implement research plan
3. Report on findings



# CENAC Feedback



# Next Steps and CENAC Feedback

## CENAC Feedback

- Thoughts on 2015 Initiatives?
- Thoughts on 2016 Initiatives?







Thank you



*For You. The World.*



**Toronto Pearson**  
International Airport | Aéroport International