

# Noise Management Action Plan Update CENAC - November 27, 2013



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**Toronto Pearson**  
International Airport | Aéroport International



# 5 Year Noise Management Action Plan - Update




# Objectives

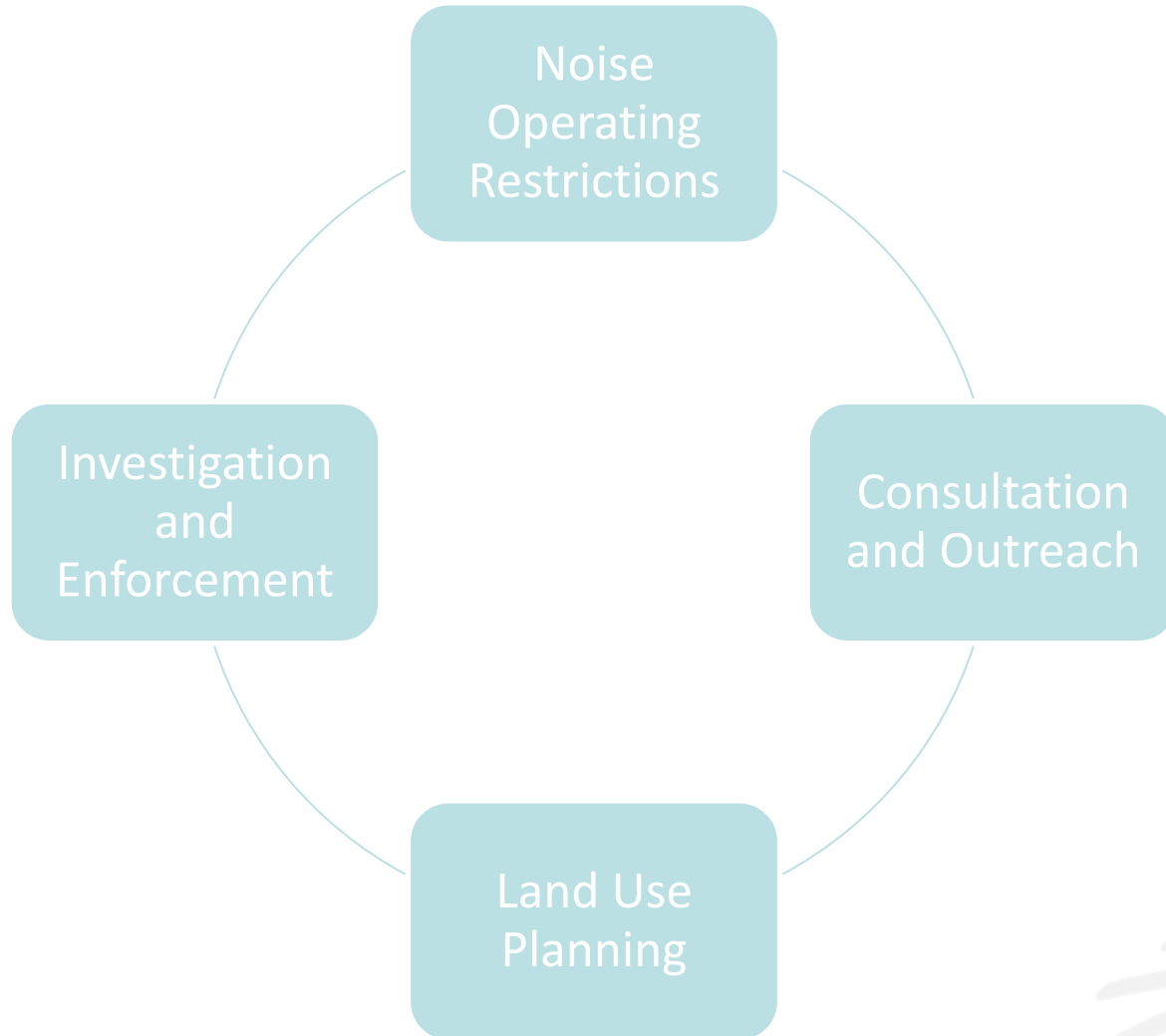
1. Provide Update on Progress of 5 Year Noise Management Action Plan
2. Highlight work identified for 2014
3. CENAC's role and next steps

# Why undertake a Noise Management Action Plan?

A 5-Year Noise Management Action Plan will:

- Set a roadmap for 2013-2017
  - Review and validate current noise program components
  - Make recommendations for improvements/updates to the current program
  - Introduce new measures that will continue the GTAA's commitment to a pro-active approach to managing noise impacts
  - Increase transparency and accountability by setting clear objectives, tactics and evaluations of each initiative
  - Guide the work of the Noise Office, Community Engagement, Technical Noise Committee, aviation partners and CENAC
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# Components - Noise Management Program



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## Noise Operating Restrictions

- Night Flight Restriction Program
- Engine Run-Up Restrictions
- Preferential Runway Assignment

## Noise Abatement Procedures

- Arrival and departure procedures

## Land Use Planning

- Noise Exposure Forecast
- Airport Operating Area

## Consultation and Community/Stakeholder Outreach

- Noise Management Office
- CENAC
- Technical Noise Committee
- Community Outreach & Education
- Publications and [TorontoPearson.com/community](http://TorontoPearson.com/community)

## Investigations and Enforcement



# Action Plan Initiatives – 2013 Activities



# Consultation & Outreach

## Monitoring and Flight Tracking

### Objective:

- Maintain up-to-date noise monitoring and flight tracking systems that provide an accurate history of noise events

### 2013 Update

- System tool upgrades – 17 Noise Monitors installed
  - locations determined with input from CENAC
- Implementation of new in-house noise system – ANOMS
- Noise complaint procedure revision – removed 2 hour rule
  - based on direction from CENAC
- Standardization of tracking and reporting – updating and developing new standard reporting formats
  - feedback from the CENAC ongoing



# Consultation & Outreach

## Education & Awareness Building

### Objective:

- Continuously communicate information to all stakeholders that both responds to and manages public expectations

### 2013 Update

- Regular community e-updates (Checking In), expansion of community events & tours
- Informative presentations made to CENAC throughout 2013
- Launch of WebTrak on website scheduled for December 2013
  - Outreach to surrounding airports
  - Demonstration at Toronto Pearson Street Festival
  - Over 100 community members participating in the user testing (current) – including CENAC members
  - Launch scheduled for December 2013



# Action Plan Initiatives – 2014 Activities



# Noise Operating Restrictions

## Preferential Runway Working Group

### Objective:

- Will review, validate and, if necessary, propose an operationally efficient night time runway operation system with the least amount of noise impact on surrounding communities
- Subcommittee of the Technical Noise Committee; will regularly report back to CENAC with updates and recommendations to seek feedback

### Key Questions:

- Analyze current preferential runway usage; identify and explore reasons for trends in adherence to system; what are the operational challenges of current system?
- What are the best tools to validate current system (population counts?)
- Is a preferential runway system the most effective method of managing nighttime noise while maintaining operational integrity?
- What are other airports doing?

# Noise Operating Restrictions And Turn and Prop Trials

## Objective:

- Set criteria for future trials

## Key Questions:

- Define success of trials based on operational, economic, community and environmental impacts
  - Trial criteria, Timeframe (length), Capacity and efficiency gains, Fuel savings, Emission savings (GHGs), Noise data, Complaint statistics

# Investigations & Enforcement

## **Objective:**

- Standardization of enforcement and auditing processes related to aircraft operations and night flight management

## **Initiatives for discussion/review/presentation 2014:**

- Auditing of flight procedures and aircraft operations
- Reporting of night flights, investigations and penalties

## **Update:**

- Enforcement and auditing procedures to be reviewed in 2014

# Consultation & Outreach

## Education

### Objectives:

- Continuously communicate information to all stakeholders that both responds to and manages public expectations

### Initiatives for discussion/review 2014:

- Continue to enhance Noise Management Program information on the website, including a more robust Communications Toolkit
- Increased presence at Community Events

### Update

- Continue to include informative presentations to CENAC throughout 2014 and post on [torontopearson.com](http://torontopearson.com)
- Continual enhancement of Noise Program Web Portal



# CENAC Feedback



# CENAC FEEDBACK

## Feedback

- Thoughts on Progress to date?
- Comments on Planned Work for 2014
- Concerns
- Ideas







Thank you



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