

Noise Management Action Plan Update



CENAC Meeting
September 21, 2016



NMT Review Recap



Selected Sites

Location*	City/Town
Warren Rd. Toronto	Toronto
Henry Walsh Rd	Toronto
Parkmount Blvd	Oakville
Raindance Cres	Mississauga
Saltmarsh Crt	Mississauga
Craig Cres	Halton Hills
Keefer Crt	Thornhill
Via Campanile	Vaughan

*Locations of temporary noise monitoring.
Permanent sites will be selected nearby based on
technical requirements for Noise Monitoring Terminal

Next Steps

1. Site Selection

Acoustician has selected sites that meet technical requirements

2. Lease Agreements

Working with municipalities to arrange lease agreements

3. Order Equipment

Working with Contracting to order NMT equipment from vendor

4. Installation/Integration

Acoustician installs NMTs

Integration with Airport Noise & Operations System & WebTrak



Best Practices Review



Best Practices Review



Review of Noise Management Programs at airports around the world to identify opportunities for noise mitigation and community engagement, with a focus on:

1. Complaint Process/Policy
2. Community Noise Committees
3. Noise Metrics & Reporting
4. Noise Ombudsman
5. Fly Quiet Program
6. Quieter Fleet Initiatives

Fly Quiet Program – London Heathrow



FlyQuiet Programme

A quieter Heathrow
FlyQuiet league table – Q4 2015

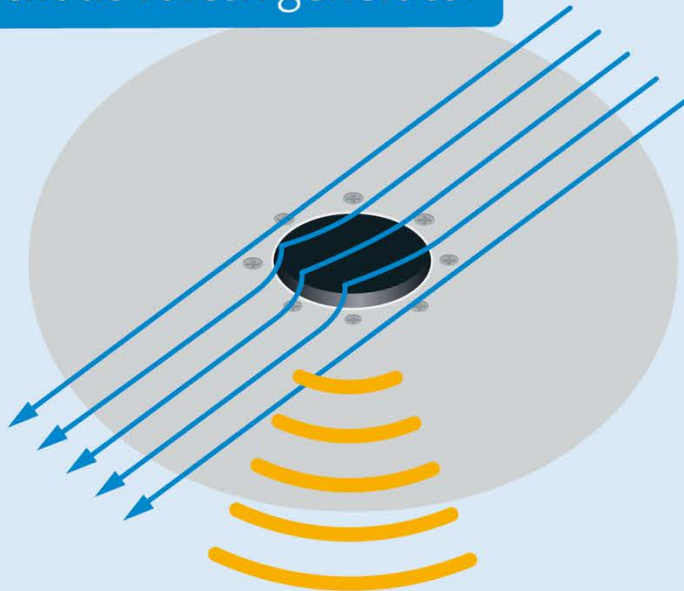
Heathrow
Making every journey better

Rank	Airline name	1 QC/seat	2 Chapter number	3 CDA violations	4 Track keeping violations	5 Pre-0430	6 Pre-0500
1	British Airways - short haul	●	●	●	●	●	●
2	Aer Lingus	●	●	●	●	●	●
3	Etihad Airways	●	●	●	●	●	●
4	American Airlines	●	●	●	●	●	●
5	Emirates	●	●	●	●	●	●
6	Qantas Airways	●	●	●	●	●	●
7	Scandinavian Airlines System	●	●	●	●	●	●
8	United Airlines	●	●	●	●	●	●
9	Delta Air Lines	●	●	●	●	●	●
10	KLM Royal Dutch Airlines	●	●	●	●	●	●
11	Air Malta	●	●	●	●	●	●
12	Cathay Pacific Airways	●	●	●	●	●	●
13	British Airways - long haul	●	●	●	●	●	●
14	Icelandair	●	●	●	●	●	●
15	Air Canada	●	●	●	●	●	●
16	Finnair	●	●	●	●	●	●
17	Malaysia Airlines	●	●	●	●	●	●
18	Virgin Atlantic Airways	●	●	●	●	●	●
19	TAP Portugal	●	●	●	●	●	●
20	Deutsche Lufthansa	●	●	●	●	●	●
21	Eurowings	●	●	●	●	●	●
22	Saudi Arabian Airlines	●	●	●	●	●	●
23	Iberia	●	●	●	●	●	●
24	Qatar Airways	●	●	●	●	●	●

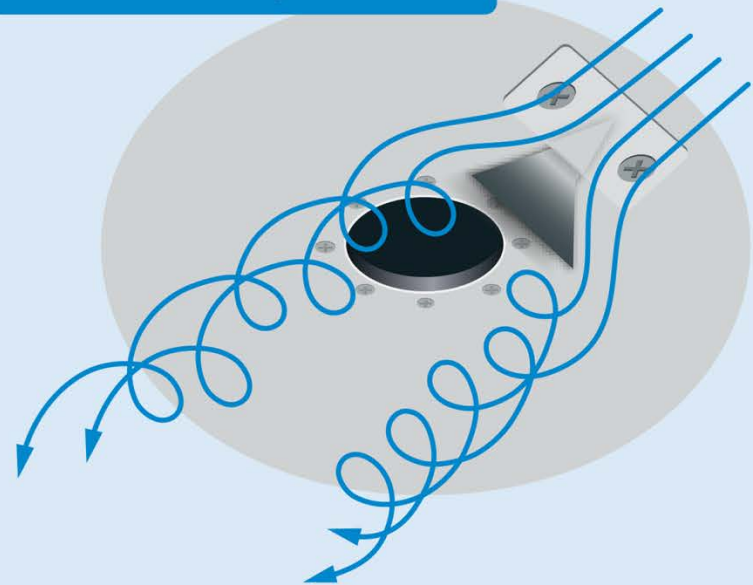
A320 Retrofit - Vortex Generator

Principle of the vortex generator

without vortex generator



with vortex generator



Next Steps

- Evaluation of proposals from potential consultants underway
- Consultant will conduct research and provide recommendations



Thank you