



VANCOUVER AIRPORT AUTHORITY  
 Mail: PO Box 23750, Airport Postal Outlet  
 Richmond, BC V7B 1Y7 CANADA

**MINUTES OF REGULAR MEETING**

<b>Aeronautical Noise Management Committee</b>
Wednesday 16 February 2011 1:00 p.m. Vancouver International Airport, Link Boardroom 1

**Those in attendance were:**

<b>Chairperson:</b>	Anne Murray	VP Community & Environmental Affairs, YVRAA
<b>Secretariat:</b>	Becky Henwood	Administrative Assistant, YVRAA
<b>Participants:</b>	Meg Brown	Citizen Representative, Vancouver
	Haydn Acheson	Citizen Representative, Richmond
	Margot Spronk	Citizen Representative, Richmond
	Rick Hedley	Citizen Representative, Corporation of Delta
	Craig MacFarlane	City of Surrey (staff)
	Victor Wei	City of Richmond (staff)
	Glenn Oerzen	Air Canada
	Scott Macpherson	Canadian Business Aviation Assoc. (CBAA)
	Sean Lee	Airline Operators Committee (US Airways)
	Claudio Bulfone	Transport Canada
	Brett Patterson	Director Airside Operations, YVRAA
	Toni Frisby	Manager, Environment, YVRAA
	Mark Cheng	Superintendent, Noise & Air Quality, YVRAA
	Robyn Curtis	Environmental Analyst, YVRAA
<b>Guests:</b>	Rebecca Catley	Director, Communications, YVRAA
	Jiri Kouril	Senior Project Engineer, YVRAA
<b>Regrets:</b>	Jim Bailey	City of Vancouver (staff)
	Ron Sorensen	Citizen Representative, Surrey
	Michael Gomm	Corporation of Delta (staff)
	Jonathan Parker	Citizen Representative, Vancouver
	Marlene Keefe	Air Canada Pilot's Association (ACPA)
	Mark MacEachern	WestJet
	Kim Carswell	Helijet International
	Leona Sparrow	Musqueam
	Brent Bell	NAV CANADA

Date/Time/Place of next <b>REGULAR</b> Committee meeting: <b>18 May 2011 – 1 pm Link Boardroom 1</b>	
<i>Becky Henwood</i>	17 February 2011
_____ Secretariat's Signature	_____ Date

## 1.0 INTRODUCTION AND ADOPTION OF AGENDA

Anne welcomed members of the Committee and called the meeting to order at 1:00 pm. The meeting agenda was reviewed and adopted.

## 2.0 REVIEW OF PREVIOUS MEETING'S MINUTES

The minutes of the 1 December 2010 Committee meeting were reviewed. The minutes were approved as distributed and will be posted on the internet.

### *Actions:*

- *Post minutes on the YVR website.*

## 3.0 GROUND RUN-UP ENCLOSURE PROJECT UPDATE

Mark advised that the Ground Run-up Enclosure (GRE) project was approved by the Airport Authority's Board of Directors on 9 December 2010. This culminated many months of work and analysis. Mark introduced Jiri and Rebecca who provided the following updates on the construction schedule and communications strategy.

### *Construction Schedule:*

Jiri provided information on the construction schedule and major project milestones.

The project will consist of 3 phases:

- Phase I: Demolition of the existing building located on the property
- Phase II: Utility and foundation preparation
- Phase III: Construction of the ground run-up facility

Phase I of the project is currently underway and demolition of the building is scheduled for completion in March. The detailed design of the enclosure will be completed in the beginning of March and will then be issued for tender. Phase III is scheduled to begin in August and the facility will be completed and operational by December 2011.

### *Communications Strategy*

Rebecca provided an overview of the proposed communications strategy for the project. Communication efforts will include an official project announcement in April to be followed by additional communication efforts that will mirror the construction schedule and major milestones.

Local communities will be engaged through a variety of different media, including local newspapers, electronic newsletters, and the YVR website. Rebecca mentioned that the project team is assessing options and feasibility of a viewing platform for the community to view progress on the project. There will likely be a launch and opening event to which Committee members would be invited.

Committee members were invited to provide input on the proposed strategy through Mark.

### *Noise Monitoring Plans*

Mark advised that a scope of work is being prepared for an acoustical consulting firm to assist with gathering baseline run-up noise measurements and to perform the acoustical verification and acceptance tests.

For baseline measurements, the consultant will monitor noise levels at various

locations in the community for run-ups at various locations on the airfield. Input from the City representatives will be sought during the selection of the monitoring locations.

Once the enclosure is built, the acoustical consultant will perform verification testing to ensure the enclosure meets required design specifications.

*Action: Ground Run-up Enclosure Project Update presentation to be included in distribution of minutes.*

#### **4.0 CONTROL ZONE PROCEDURES REVIEW WORKING GROUP UPDATE**

Brett provided an update on recent work by the YVR Control Zone Procedures Review Working Group. The primary purpose of the Working Group is to review both Visual Flight Rules (VFR) and Instrument Flight Rules (IFR) for arrival and departure routes, and the main focus of work is to examine procedures within the YVR Control Zone.

The criteria for reviewing issues include whether they: maintain or enhance safety; manage aviation risk; maintain and improve upon airport and aviation efficiency; and, minimize noise where possible.

The Working Group met in January and developed a list of issues and identified potential options to address these issues. The next steps for the Working Group will be to develop detailed work plans and to consult with key stakeholders.

*Action:*

*-Provide YVR Control Zone Procedures Review Working Group Update presentation (to be included in distribution of minutes).*

*-Provide the Committee with an update on the work plan at the next meeting.*

#### **5.0 PROPOSED NIGHT-TIME DEPARTURE ROUTES**

As part of the work on initiative #2 (Arrival and Departure procedures) in the 2009-2013 YVR Noise Management Plan, Mark summarized preliminary work to identify preferential night-time departure routes that are intended to minimize over flights of populated areas through the use of aircraft navigation technology. NAV CANADA has been very supportive of this initiative.

Mark advised that the use of the preferred routes will focus on aircraft operating during the night-time hours between mid-night and 6AM; however, the use of these routes would depend on the availability of appropriate equipment on board the aircraft.

The proposed routes include the following:

- Formalizing the current vectoring procedure into a standard instrument departure procedure for runway 08R westbound departures.
- For east bound runway 26 departures, the goal is to have aircraft remain south of Tsawwassen and south of Crescent Beach.
- For north or northbound runway 26 departures, the goal is to remain over water and clear the city before proceeding on course.
- For arrivals from the north east on runway 08, which are typically the cargo flights using B727s, the goal is to keep the downward leg of the arrival over less populated areas.

The next steps in this initiative will be to undertake further analysis to determine the number of aircraft that will be candidates for these proposed procedures. Once this is done, the information will be compiled into a package and sent to NAV CANADA for their consideration.

The Committee members expressed their support for this initiative.

*Action: Proposed Night-time Departure Routes Presentation to be included in distribution of minutes.*

## **6.0 YVR FLOAT PLANE OPERATORS MEETING UPDATE**

Robyn provided a summary of a meeting with the YVR float plane operators, held on 3 February 2011, to discuss noise issues. This meeting was well attended, and the following operators were in attendance:

- Harbour Air
- Sea Air
- Saltspring Air
- Telus
- Tofino Air

Other attendees included Transport Canada, the City of Richmond (YVR Noise Committee staff and citizen representatives), and Airport Authority staff.

The topics discussed included a review of operator performance in following the recommended arrival/departure routes to and from the river, City of Richmond noise issues, and options for additional noise mitigation measures.

Some of the noise mitigation measures included: revising the map illustrating the recommended arrival/departure routes to incorporate feedback received from the operators; creating a “best practices” video; review 2 vs. 3-bladed propeller operations; and, assessing the feasibility of having a prior permission required (PPR) program for operations on the river.

Robyn also mentioned that the float plane operators were invited to appoint a representative to sit on the Committee.

Anne thanked the City of Richmond representatives (Margot, Haydn, and Victor) for attending the meeting. Victor and Haydn stated that the discussions were positive and added that the meeting provided a good opportunity for open communication between the groups.

*Actions: YVR Float Plane Operators Meeting Update presentation to be included in distribution of minutes.*

## **7.0 2011 QUARTER 1: SUMMARY REPORT**

The 2011 Quarter 1 summary report, which covered the period of 1 January - 15 February 2011, was distributed and reviewed by the Committee.

Year-to-date, the Airport Authority has received 92 noise complaints. This represents a 32% decrease in complaints compared to the same period in 2010. The geographic breakdown of the 92 complaints is: 53% from South Delta; 15% from Surrey; 13% from North Delta; 9% from Richmond; 8% from Vancouver, and 2% from other areas in the Lower Mainland.

*Actions: 2011 Quarter 1 Summary Report to be included in distribution of minutes.*

#### **8.0 UPDATES:**

- Robyn reviewed the 2011 deployment schedule for the portable noise monitoring equipment. Proposed locations include Richmond to capture pre GRE data, Vancouver to capture float plane overflights, and locations in both east Ladner and Tsawwassen.
- Mark informed the Committee that the Airport Authority will be continuing the YVR Noise Information Seminars throughout 2011. The next seminar is scheduled for March 19<sup>TH</sup>.
- Mark reported that he will be attending the annual Noise and Air Quality Symposium, hosted by UC Davis and held in Tucson, Arizona between 28 February and 23 March 2011.

#### **9.0 OTHER BUSINESS**

- Craig McFarlane from the City of Surrey requested contact information for Transport Canada regarding noise complaints from outside YVR's 10 nautical mile radius of responsibility. Claudio Bulfone (Transport Canada) provided the following contact number, (604) 666-4916.
- Claudio Bulfone (Transport Canada) provided an update on the implementation of Noise Abatement Departure Procedures (NADP). The VNAP 'A' and 'B' will be replaced with the NADP1 and NADP2 on 5 May 2011, and the publications will be amended to reflect this change.

#### **MEETING ADJOURNMENT**

Anne thanked Committee members for attending and adjourned the meeting at 3:00 PM.

#### **ATTACHMENTS:**

- Ground Run-up Enclosure Project Update presentation
- Control Zone Procedures Review Working Group Update presentation
- Proposed Night-time Departure Routes presentation
- YVR Float Plane Operators Meeting Update presentation
- 2011 Quarter 1 Summary Report