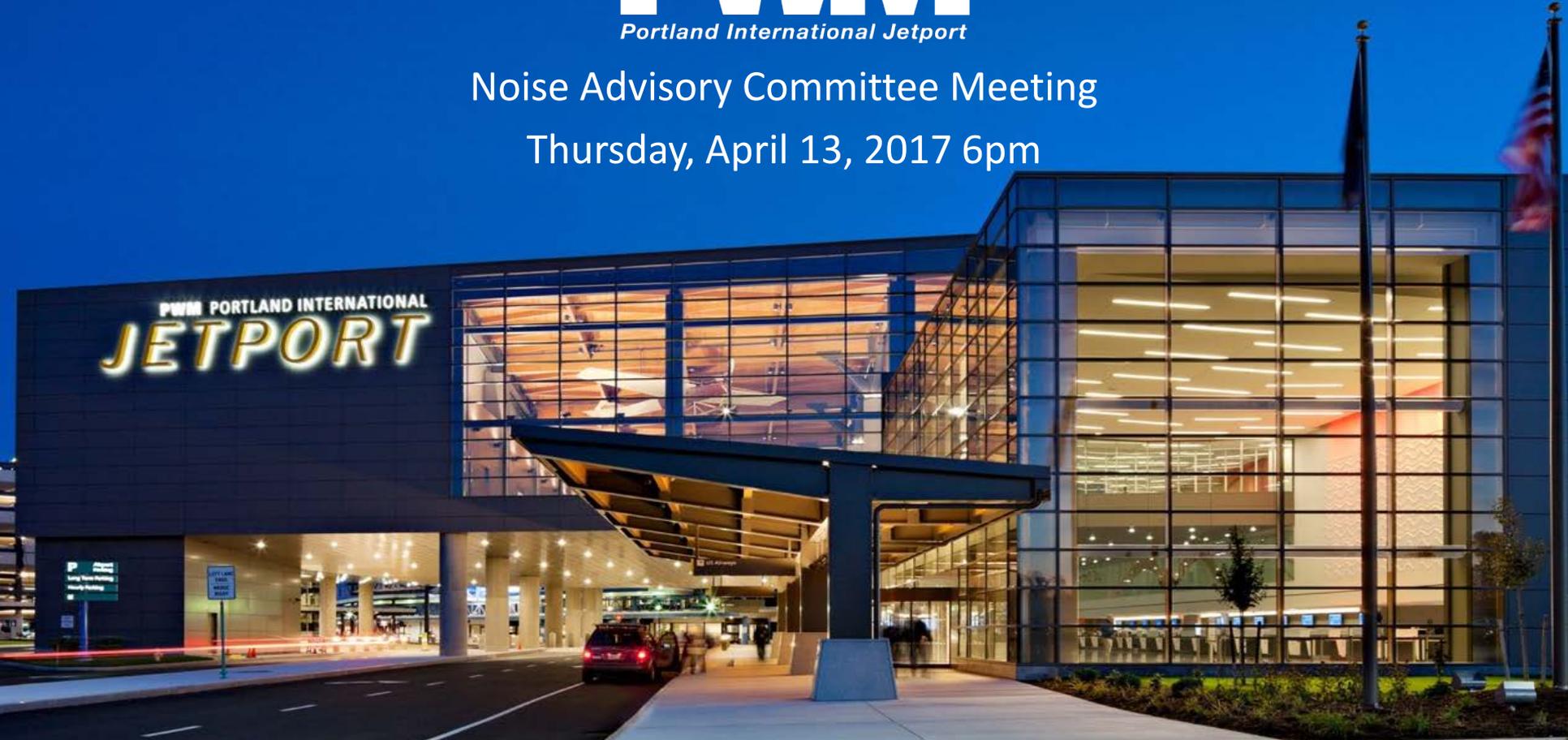




Noise Advisory Committee Meeting
Thursday, April 13, 2017 6pm



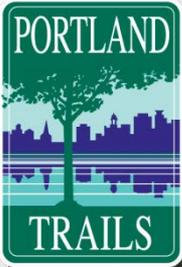
Agenda

1. Welcome / Introduction New Members
2. Approval of Minutes
3. Jetport in the News / Updates
4. Old Business
 - A. RNAV Procedures Overview
 - B. Loveitt's Field Rd, South Portland Flight Track Review
 - C. Annual Statistics
5. New Business
6. Announcements
7. Questions / Public Comment
8. Next Meeting
9. Adjournment

NAC Membership

Portland City Councilor (Chair)	Peaks Island Representative
Stroudwater Village Association Representative	Western Promenade Representative
South Portland City Councilor	South Portland Representative
Westbrook City Councilor	Cape Elizabeth Representative
Greater Portland Chamber of Commerce Representative	FAA Air Traffic Control Manager
Air Cargo Station Manager	Signatory Airline Station Manager
Gorham Town Councilor	Scarborough Town Councilor

Jetport in the News



BUSINESS Posted February 2 | Updated February 3

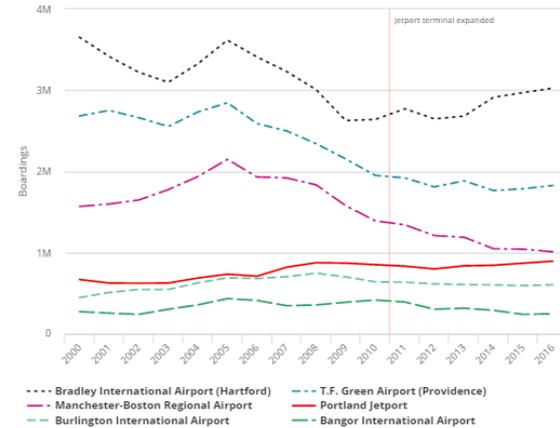
Portland International Jetport set record for total passengers in 2016

The record comes as numbers decline at other regional airports in New England.

BY PETER MCGUIRE STAFF WRITER

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Annual boardings at selected New England airports



Source: Portland Jetport
Interactive: Christian MiNeil

Jetport Information Update

Total Passengers	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2016	95,389	96,297	122,556	133,414	150,978	166,009	191,857	198,673	182,936	182,795	136,768	129,270	1,786,942
2015	93,156	88,902	120,238	127,239	148,012	170,478	196,881	196,913	170,485	169,734	129,565	117,143	1,728,746
Change	2,233	7,395	2,318	6,175	2,966	(4,469)	(5,024)	1,760	12,451	13,061	7,203	12,127	58,196
%	2.4%	8.3%	1.9%	4.9%	2.0%	-2.6%	-2.6%	0.9%	7.3%	7.7%	5.6%	10.4%	3.4%

Total Passengers	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2017	106,791	97,883											204,674
2016	95,389	96,297	122,556	133,414	150,978	166,009	191,857	198,673	182,936	182,795	136,768	129,270	1,786,942
Change	11,402	1,586											
%	12.0%	1.6%											

YTD up 97,883 passengers or 1.6%

Jetport Information Update

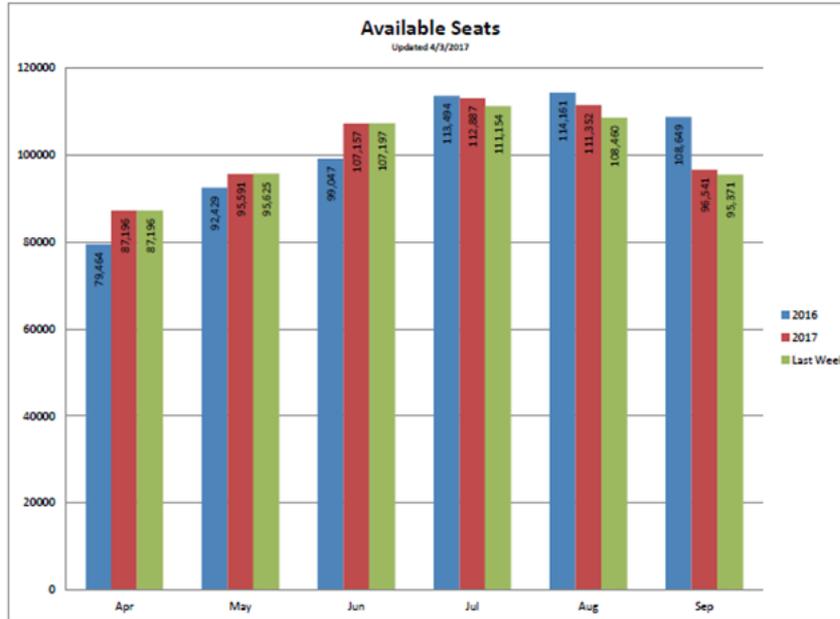
Historical Enplanements through February 2017

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
2007	53,866	48,212	60,621	57,538	65,450	74,094	89,560	95,649	81,053	82,937	63,582	55,026	827,588
2008	56,664	60,370	66,374	69,202	68,930	80,279	95,995	104,597	79,513	82,629	60,431	57,681	882,665
2009	53,194	56,597	65,801	60,412	66,607	78,514	98,852	107,730	81,361	86,345	64,245	59,012	878,670
2010	54,572	52,300	64,097	68,263	67,812	77,122	91,115	101,234	78,666	81,631	63,434	54,952	855,198
2011	51,278	53,493	65,925	63,835	68,188	76,236	92,855	95,219	77,163	79,097	61,393	55,139	839,821
2012	49,310	51,971	60,574	64,041	68,543	74,159	87,503	92,742	77,661	76,475	58,972	54,103	816,054
2013	50,413	49,175	60,393	66,643	70,906	74,518	90,596	96,583	82,396	84,320	59,029	58,972	843,944
2014	48,818	48,770	64,414	65,873	69,448	75,085	88,763	96,224	82,881	85,388	58,365	60,012	844,041
2015	48,563	46,461	59,348	64,355	71,113	82,041	97,206	102,054	86,623	87,892	65,595	58,702	869,953
2016	49,982	48,897	61,051	66,309	72,695	79,392	95,454	100,668	92,260	94,762	68,821	65,138	895,429
2017	54,499	50,256											



Record Month

Jetport Information Update

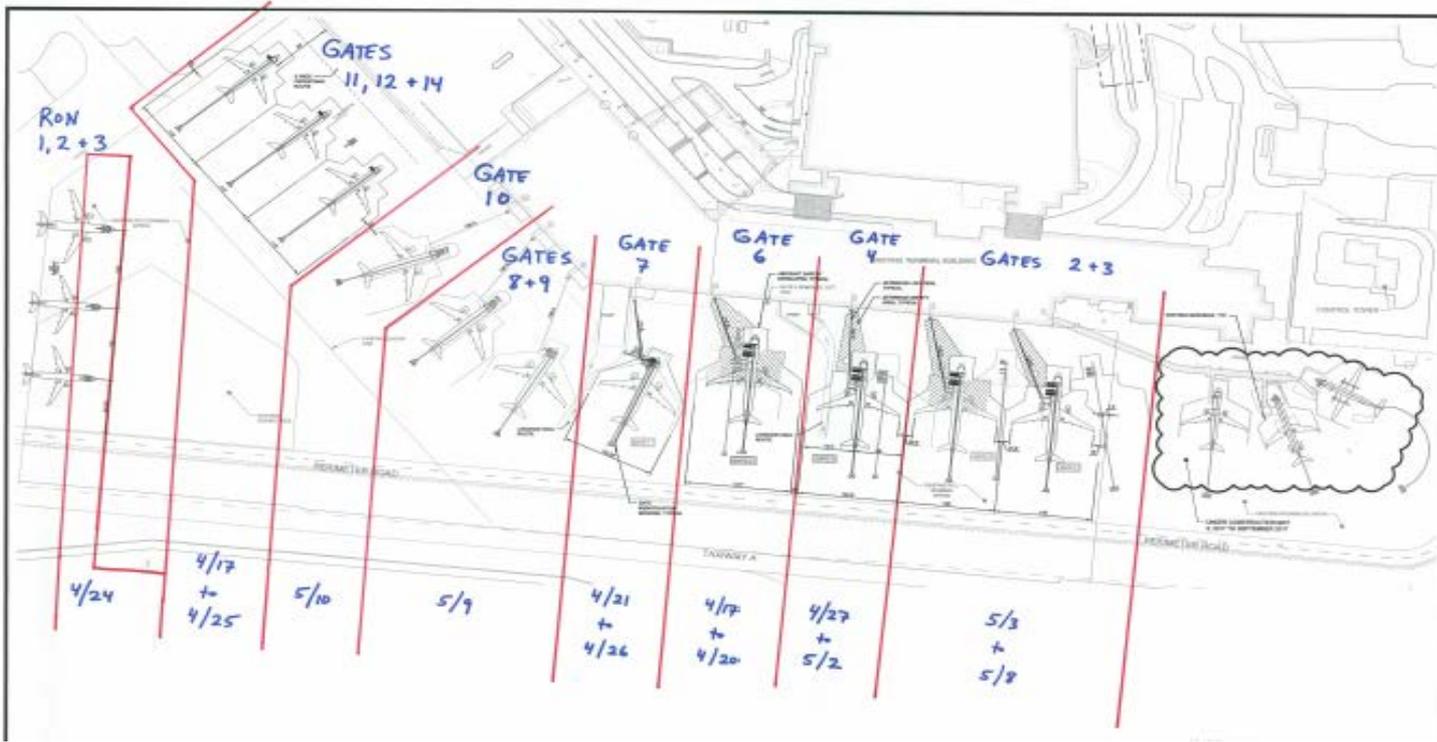


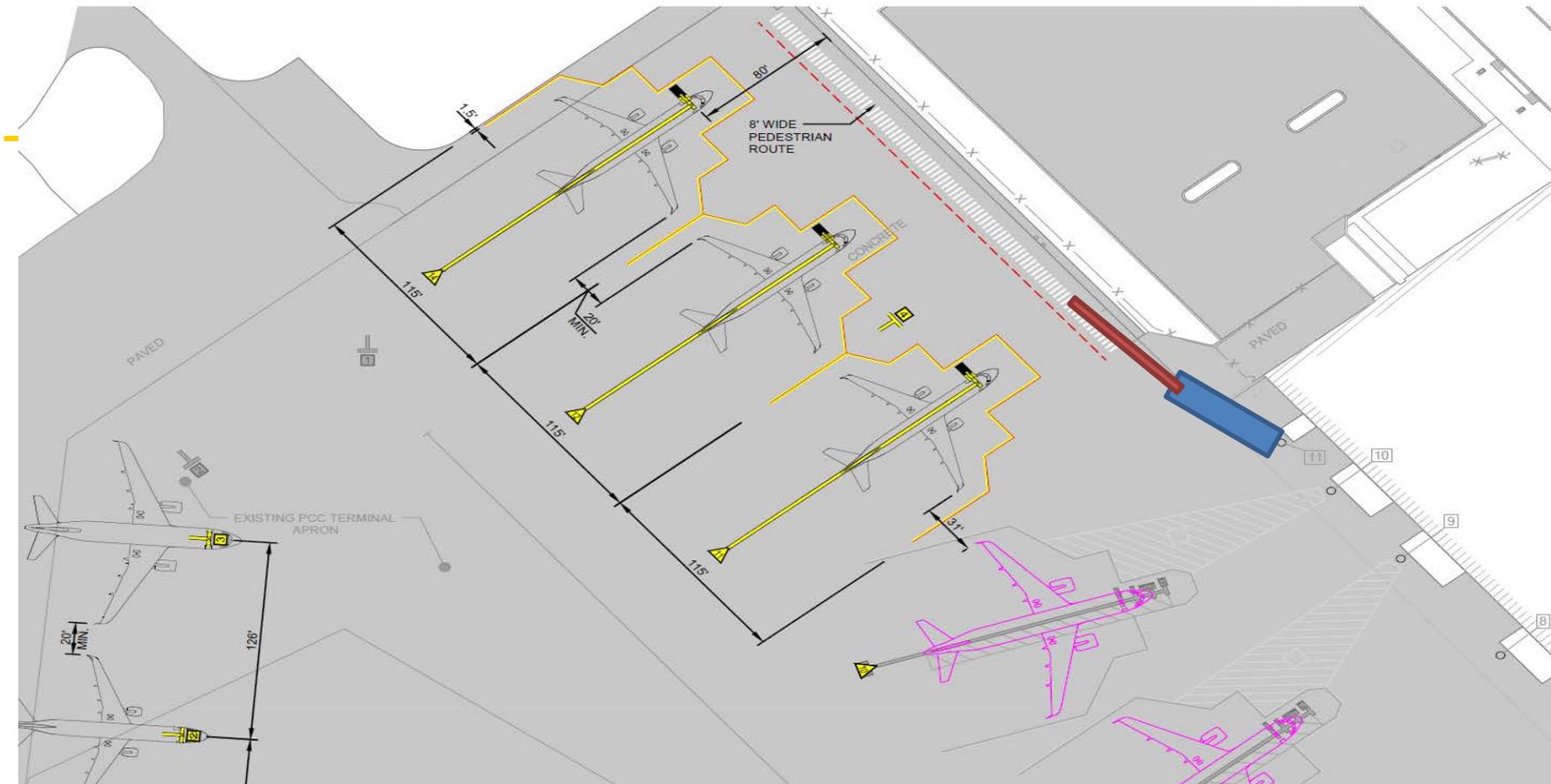
For the 2nd Quarter
seat capacity is up
19,078 seats or 7%

Jetport Improvement Updates



Jetport Improvement Updates





Honor Flight Maine Homecoming 4/2/2017



Airline Schedule Update

PWM will continue to report to the Committee changes in the airline schedule that occur during noise sensitive hours

10pm-7am according to the FAA Day Night Average Sound Level (DNL) calculations.

- Apr – 8 flights operate during noise sensitive hours
- May – 9 flights operate during noise sensitive hours
- Jun – 9 flights operate during noise sensitive hours

PWM Noise Sensitive hours according to the Record of Approval is 11:30 p.m. – 6:15 a.m.



Old Business – RNAV Procedures Overview

Noise Compatibility Measures

- ✓ Preferred Runway Usage 11/29 over 18/36
- ✓ Early Morning Departures to the **WEST**
- ✓ Late Night Arrivals from the **WEST**
- ✓ Good Neighbor Info / Signs
- ✓ Calm Wind Runway: **29**
 - Arrivals are quieter than Departures**
- ✓ Harbor Visual Approach Use

Radio Navigation (RNAV) Procedures

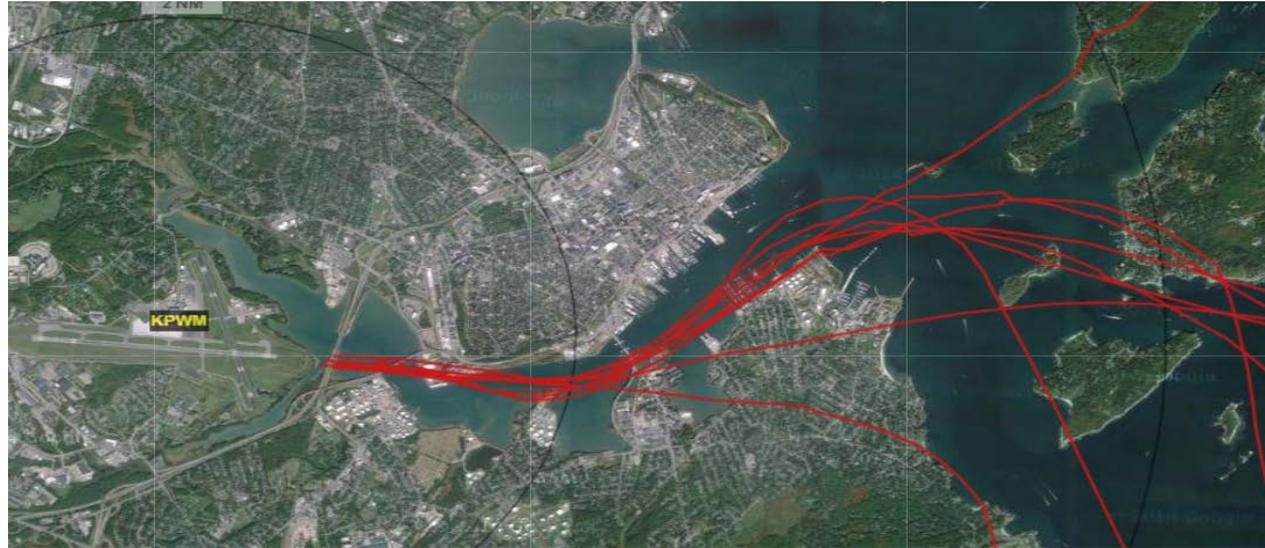
Greater Usage Availability

Provides noise relief by moving **aircraft over water and at a higher altitude when over ground** (Peaks Island)

Old Business – Arrival / Departure Procedures

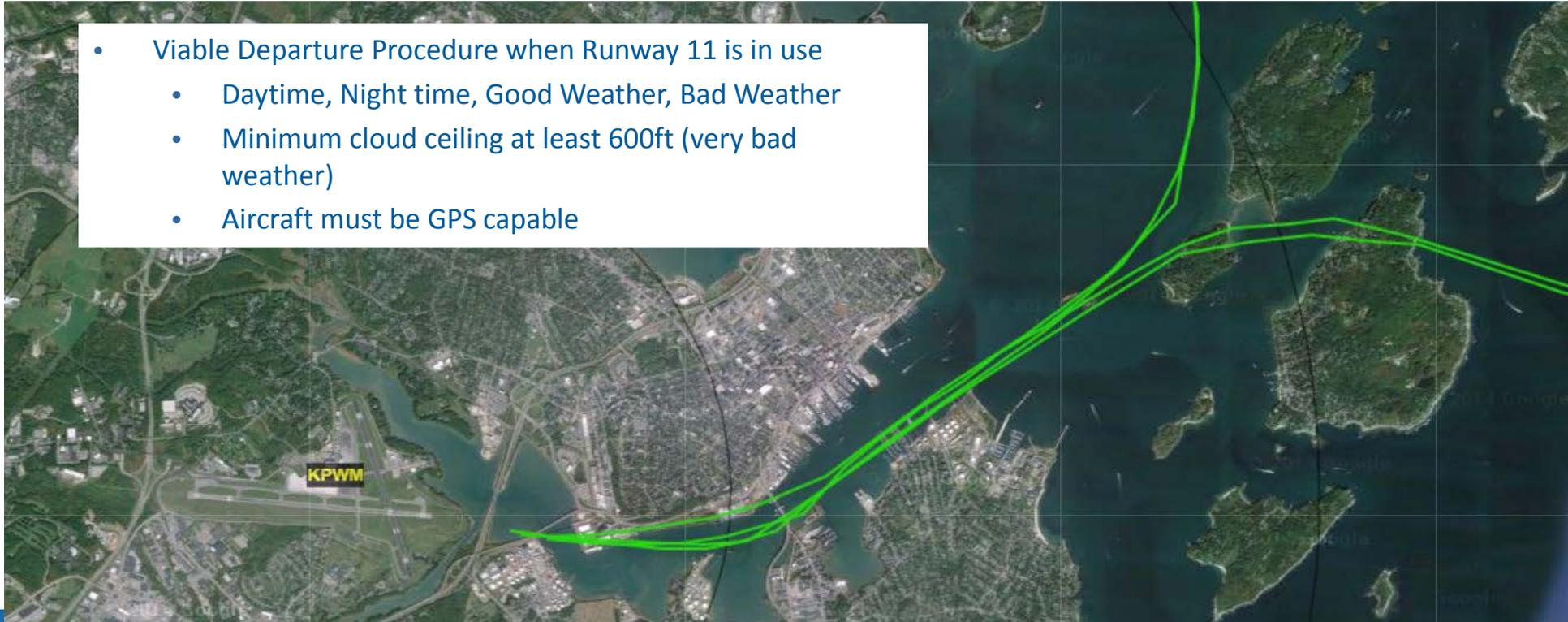
- **Harbor Visual Approach**

- Arrivals only
- Daylight Hours Only
- More Restrictive than regular Visual Flight Rules (VFR)
 - Cloud ceiling greater than 3000ft
 - Visibility greater than 4sm

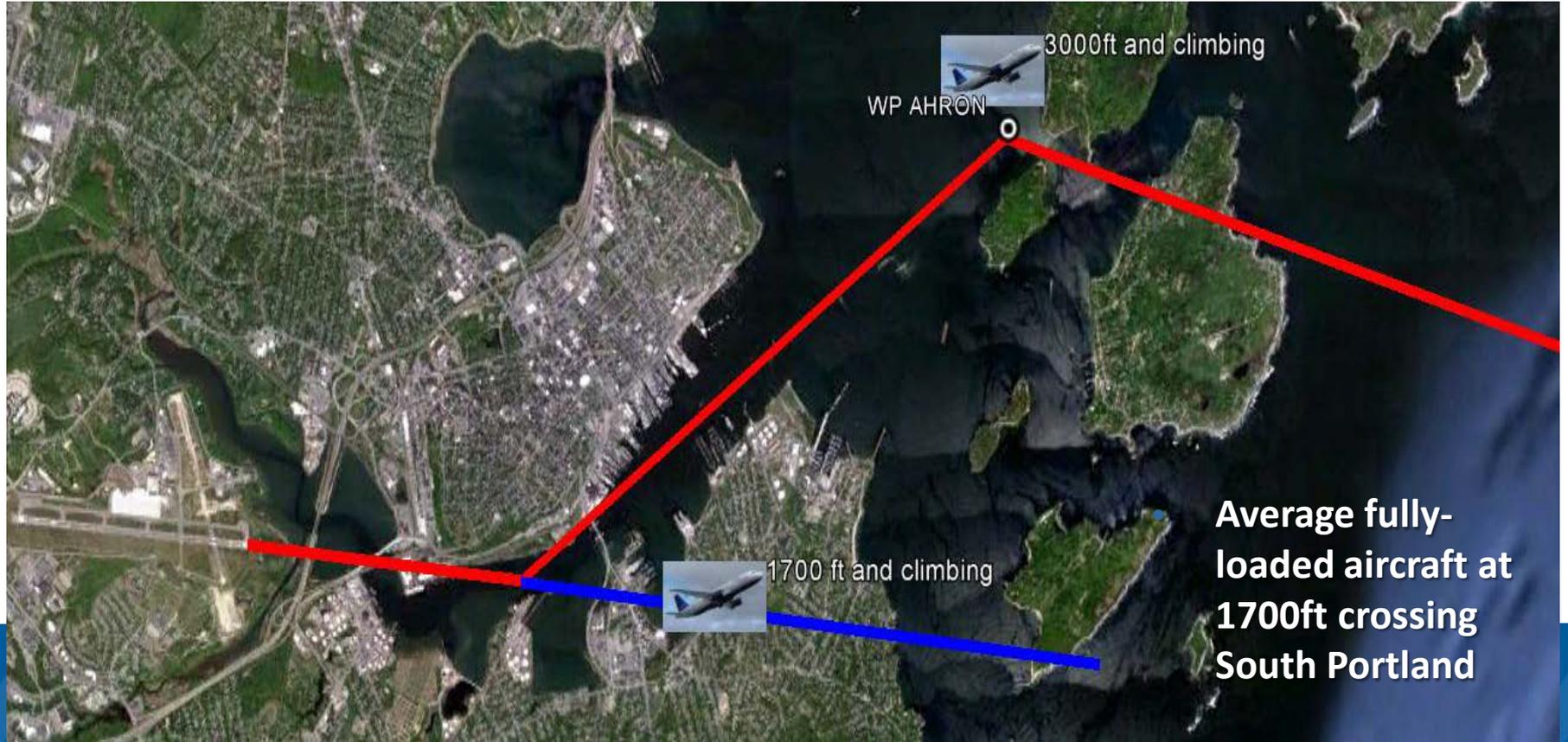


Old Business – Arrival / Departure Procedures

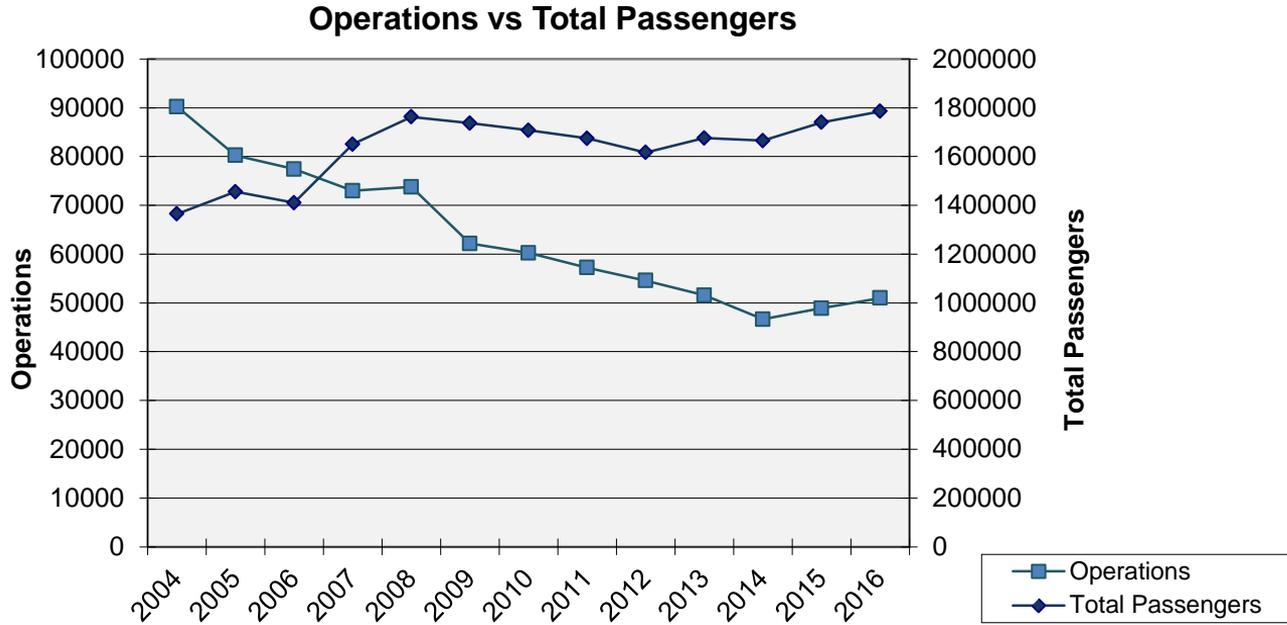
- Viable Departure Procedure when Runway 11 is in use
 - Daytime, Night time, Good Weather, Bad Weather
 - Minimum cloud ceiling at least 600ft (very bad weather)
 - Aircraft must be GPS capable



Old Business – Arrival / Departure Procedures



Old Business – Total Operations vs Total Passengers



2016 Totals

Total Operations 47,707 ↑
Total Passengers 1,785,609 ↑

2015 Totals

Total Operations 46,199 ↑
Total Passengers 1,739,906 ↑

2014 Totals

Total Operations 44,780 ↓
Total Passengers 1,665,209 ↓

2013 Totals

Total Operations 47,985 ↓
Total Passengers 1,675,978 ↑

Old Business – Primary Runway Usage – All Traffic 2016

PWM Commercial & G.A. Operations

	2016 January	February	March	April	May	June	July	August	September	October	November	December	Totals
11A	261	317	638	612	843	792	963	639	902	925	414	220	7526
11D	653	385	678	698	1075	758	1108	836	959	854	627	614	9245
18A	21	37	67	100	111	215	169	177	152	159	55	24	1287
18D	56	77	127	173	242	345	392	354	283	216	75	22	2362
29A	816	744	673	755	696	927	1148	1338	962	833	1045	1187	11124
29D	716	653	629	757	694	992	1108	1310	912	851	980	918	10520
36A	55	49	70	124	46	152	124	162	78	148	187	76	1271
36D	49	34	71	147	62	132	126	150	87	145	119	83	1205
Total	2627	2296	2953	3366	3769	4313	5138	4966	4335	4131	3502	3144	44540
% Use of Primary Runway	93%	91%	89%	84%	88%	80%	84%	83%	86%	84%	88%	93%	86%

Old Business – Primary Runway Usage – All Traffic Q1 2017

PWM Commercial & G.A. Operations

	2017 January	February	March	April	May	June	July	August	September	October	November	December	Totals
11A	315	285	432										1032
11D	547	632	623										1802
18A	31	32	65										128
18D	51	48	53										152
29A	1002	730	819										2551
29D	841	506	657										2004
36A	57	14	183										254
36D	37	15	167										219
Total	2881	2262	2999	0	8142								
2017	94%	95%	84%	#####	91%								
2016	93%	91%	89%	84%	88%	80%	84%	83%	86%	84%	88%	93%	86%

Old Business – FedEx / Wiggins Runway Usage



FedEx / Wiggins Runway Usage

2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
11A	12	14	12										38
11D	11	20	14										45
18A	9	10	21										40
18D	4	0	1										5
29A	34	27	27										88
29D	34	28	21										83
36A	4	1	18										23
36D	8	6	28										42
Total	116	106	142	0	364								
2017	78%	84%	52%	#####	70%								
2016	66%	70%	57%	35%	46%	33%	55%	41%	57%	40%	58%	74%	53%
2015	83%	74%	52%	48%	38%	44%	50%	52%	40%	43%	41%	66%	53%

Old Business – Community Outreach Sessions

- Part of PWM's Noise Compatibility Plan
- Notify PWM of community meeting dates and times so we may attend
- Recent community meetings
 - Jul 2011 – South Portland
 - Jun 2012 – Peaks Island
 - Oct 2012 – Stroudwater Village Association
 - Sep 2013 – South Portland
 - April 15, 2015 – Peaks Island Community
 - May 28, 2015 – South Portland

Announcements

Questions / Public Comment

Please State Your Name & Address for the Record



Thank you



Date	Start	End	Next Meeting	Next Time	Prepared By	Company
4/13/2017	6:00pm	7:15pm	10/20/2017	6pm	J. Dunfee	PWM

Attended By	Absentees
Mike Foley – Westbrook City Councilor	Tom Ainsworth – Stroudwater Village Association Rep
Mark Collins – FAA ATC	Jerry Angier – Greater Portland Chamber of Commerce
Jerry Morton – Western Promenade Rep	Guy Gledhill – Scarborough Town Council Representative
Cheryl Miner – Peaks Island Council Representative	PWM Representatives
Brian Batson – Portland City Council / NAC Chair	Paul Bradbury – Airport Director
Katherine Hughes – Air Carrier Station Manager Rep	Brad Wallace – Operations Manager
Adrian Dowling – South Portland Representative	J. Dunfee – Assistant Operations Manager
Brad Fox – South Portland City Councilor	
Shane Brey – Air Cargo Station Manager Representative	Non-Member Attendees
	Lee Harvey – South Portland Resident
	Triss Critchfield – South Portland Resident

Opening Remarks – Councilor Batson

- Meeting was called to order by Councilor Batson
- Welcome to all members and guests
- Motion to approve previous meeting’s minutes dated 11/09/2016 passed without objection

Jetport News & Updates – Paul Bradbury

- Paul briefed the committee that 2008 was the prior record year. 2016 passed that record for the number of passengers traveling in / out of PWM.
- The Jetport is working with Portland Trails Association to create a nature/walking trail around the north end of the airport abutting Fore River. More information to come with that project.
- Review of passenger and operations data revealed that seat capacity for 2nd quarter 2017 is up approximately 7%. This speaks to the larger aircraft operating at the Jetport carrying more passengers, rather than more aircraft operations.
- City council has recently approved the Airport Improvement Program (AIP) appropriations for the Jetport. Construction season is beginning in the coming weeks to improve runways, taxiways, aprons and construction of snow shoulder improvements this summer. Additionally, construction plans for the replacement of concrete to the east end of the terminal apron (replacing asphalt).
- Construction season will call for periodic closures of runway 18/36. Jen to distribute the planned schedule for runway closures to the NAC when it’s finalized.
- During a 3-week period (May 8-24) of this construction time frame the runway configuration will require the morning departures to launch from runway 11 (to the east). This is contrary to normal preferential flight operations and has been mitigated to the greatest extent to minimize unnecessary noise exposure to South Portland.

Airline Schedule Update – J. Dunfee

- Refer to attached handout reviewing flight schedules
 - Most notable change to the schedule is the 12:40am arrival of 1 flight on average per night during the months of May – August.
 - Katherine reports on behalf of Delta that the MD88 will be phasing out over the coming years.

PWM Noise Statistics – J. Dunfee

- Reviewed PWM Noise Statistics for (see attached presentation).

New Business

- Aiden reported to the committee the potential for an apartment community to be built. Learn more here: <http://www.theforecaster.net/south-portland-may-get-more-than-500-new-apartments/>

Community Outreach Sessions

- The Jetport Noise Team is ready to schedule a community meeting whenever one is requested.

Announcements

- None

Questions

- None

Meeting adjourned at 7:15pm. Next meeting is scheduled for Thursday, October 20th at 6pm.

Scheduled Commercial Aircraft Operations Apr - Sep 2017

	April		May		June		July		August		September	
	Arrivals	Departures	Arrivals	Departures								
0:00	1.00		1.00		1.76		1.67		1.32		0.20	
1:00												
2:00												
3:00												
4:00												
5:00		4.33		3.48		3.80		2.61		2.83		3.70
6:00		4.03		4.96		5.76		6.67		6.83		5.06
7:00	0.00	2.33	0.00	2.09	0.76	1.10	0.90	0.03	0.45	0.16	0.00	0.80
8:00	0.00	1.13	0.87	1.03	0.90	2.60	0.96	3.96	0.45	3.29	0.83	2.13
9:00	0.80	0.00	0.13	1.03	1.50	1.66	2.12	2.42	1.51	1.65	0.20	1.23
10:00	1.96	1.93	2.90	1.22	2.80	1.86	2.64	2.00	3.84	2.42	3.47	2.70
11:00	4.36	2.03	3.64	2.12	2.70	1.93	2.87	1.93	3.00	2.03	2.93	1.20
12:00	2.86	5.03	2.38	4.32	4.50	5.86	5.77	7.32	5.29	6.67	4.16	5.50
13:00	2.20	1.60	2.16	2.32	1.90	2.86	0.32	1.45	0.87	1.41	2.16	1.20
14:00	3.70	3.26	3.74	3.87	4.40	2.83	4.74	3.00	4.42	3.77	3.60	4.03
15:00	0.93	2.00	1.70	1.96	0.30	1.66	0.83	1.67	1.26	1.32	0.56	1.50
16:00	3.36	2.13	3.77	2.06	3.70	2.13	4.00	2.16	4.51	3.19	4.73	3.13
17:00	3.00	4.36	3.06	4.77	3.66	5.23	2.67	5.25	2.32	5.12	1.93	4.56
18:00	1.00	0.96	1.61	0.83	3.26	1.60	3.93	1.00	3.83	0.87	4.00	0.16
19:00	2.13	0.96	2.16	1.61	0.46	1.96	0.03	2.80	0.32	2.42	1.10	2.70
20:00	1.86	0.00	2.93	0.00	3.10	0.76	2.22	0.93	1.54	0.45	1.00	0.00
21:00	0.13	0.00	0.16	0.93	0.96	0.46	2.90	0.00	2.80	0.00	2.96	0.00
22:00	1.33		1.00		2.40		2.94		2.67		1.20	
23:00	5.43		5.42		5.03		3.67		3.90		4.60	