



Noise Advisory Committee Meeting
May 20, 2020 at 6pm via WebEx

PWWI PORTLAND INTERNATIONAL
JETPORT



AIRPORT SERVICE QUALITY AWARDS
INDUSTRY RECOGNITION OF THE BEST AIRPORTS IN THE WORLD

The Airport Service Quality Awards are the industry's most prestigious accolades. The awards recognise the airports which have achieved the highest passenger satisfaction ratings in the ASQ Survey—the world's benchmark measure of airport excellence.

Agenda: NAC Meeting May 20, 2020

1. Welcome / WebEx Meeting Information/Process
2. Introduction of Members – Please welcome new Member Tom Ainsworth representing the SVA
3. Opening Questions/ Public Comment (15 minutes)
4. Approval of Minutes for the January 30, 2020 Meeting
5. Noise Data & Jetport Statistics
6. Old Business:
 - A. Update on the Development of the RNAV Visual Special Approach to Runway 29. Scheduled Implementation date is May 21, 2020.
 - B. Update on Harbor Visual Approach – GPS waypoints and suggested altitudes
 - Waypoints have been developed.
 - PEAKZ fix will be shifted over the water between Peaks and Cushing Islands as recommended by Peaks.
 - Publish date is delayed until July 15, 2021 because of impacts related to the .
 - C. Construction Update: Runway 11 Bypass & Taxiway B Connector are underway and have night time closures of Runway 11/29 through June 13, 2020
7. New Business:
 - A. Flight Schedule Updates
 - B. Update on the Jetport’s online flight tracking and noise complaint portal
8. Closing Questions / Public Comment
9. Next Meeting: Proposed Thursday, October 29, 2020.
10. Adjournment

NAC Membership:

Portland City Councilor (Chair) Tae Chong	Peaks Island Resident Representative Jennifer Lavanture
Stroudwater Village Association President or Designee Tom Ainsworth – New Appointment	President of Western Promenade or Designee Dr. Jeremy Morton
South Portland City Councilor or Representative Deqa Dhalac	South Portland Resident Representative David Wakelin
Westbrook City Councilor or Representative Mike Foley	Cape Elizabeth Town Councilor or Representative Penny Jordan
Greater Portland Chamber of Commerce President or Designee Jerry Angier	FAA Air Traffic Control Manager Mark Collins
Air Cargo Station Manager Steve Dalzell	Signatory Airline Station Manager Katherine Hughes
Gorham Town Councilor or Representative Lee Pratt	Scarborough Town Councilor or Representative Guy Gledhill

Opening Questions / Public Comment (15 minutes)

Please Raise Your Hand via WebEx to be recognized and State Your Name & Address for the Record

Approval of January 30, 2020 Meeting Minutes



Portland International Jetport Noise Advisory Committee
1001 Westbrook Street, Portland, Maine 04102

Date	Start	End	Next Meeting	Next Time	Prepared By	Company
1/30/2020	6:00PM	8:00PM	4/30/2020 Tentative	6:00PM	T. Reid	PWM

Attended By	Absentees
Mike Foley - Westbrook Representative	Sandy Deal - Stroudwater Village Association
David Wakelin - South Portland Representative	Shane Brey - Fed Ex
Guy Gledhill - Scarborough Town Council Representative	Steve Dalzell - Fed Ex
Jerry Morton - Western Promenade Rep	Penny Jordan - Cape Elizabeth Town Council
Katherine Hughes - Air Carrier Station Manager Rep	Deqa Dhalac - South Portland City Council
Mark Collins - FAA ATC	
Bob Corp - FedEx Representative	PWM Representatives
Jerry Angler - Greater Portland Chamber of Commerce	Paul Bradbury - Airport Director
Jennifer Lavanture - Peaks Island Rep	Barry Brown - Deputy Director: Ops and Maintenance
Tae Chong - Portland City Council/NAC Chair	Zachary Briggs - Customer Experience Manager
	Tim Reid - Airport Operations Manager
Non-Member Attendees	
Ralph Nicosia-rusin - FAA Airports	Tom Ainsworth - Stroudwater Portland
Peter Stanton - South Portland	Robert Flanagan - Peaks Island
Vicki Flanagan - Peaks Island	James Pike - Peaks Island
Carol Pike - Peaks Island	Mark Keegan - Scarborough
John Levesque - South Portland	Triss Critchfield - South Portland
Steve Fielding - South Portland	Patrick O'Connor - Peaks Island
Timothy Murphy - Peaks Island	Reggie Davis - FAA
Karen Goff - FAA	
(Additional members of the public were in attendance but did not sign the attendance sheet)	

1. Welcome / Introduction of Members:

Opening comments and a welcome to all members and guests were made by Tae Chong, the newly elected Portland City Council member and recently appointed Chair of the NAC.

Mike Foley will lead the meeting in place of Tae Chong, who has other obligations and will need to leave the meeting early.

2. Opening Comments:

A fifteen minute comment period was made available to the committee members and public guests. 10 people made comments during this timeframe. They were:

Portland International Jetport - Noise Advisory Committee Meeting - 1/30/2020

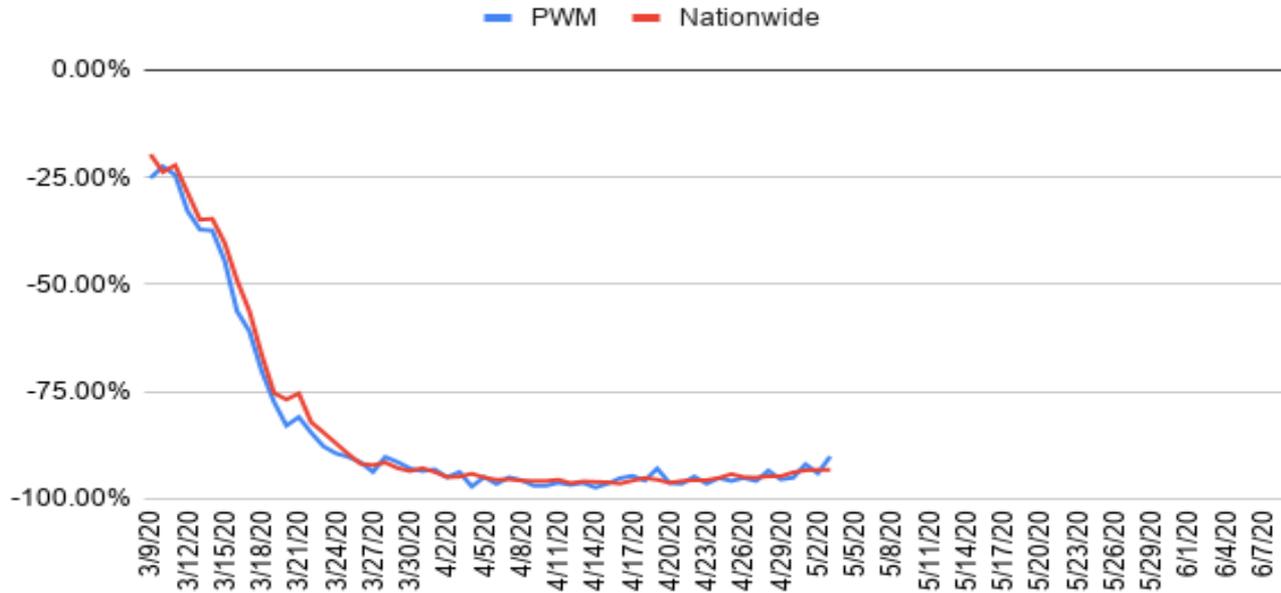
Link to the full Draft minutes:

https://portlandjetport.org/sites/default/files/files/Draft_NAC%20Meeting%20Minutes%20-%202020_1_30_revised%2005202020.pdf



Jetport Operational Update: COVID-19 PWM & National Impact

PWM and Nationwide



As of Tuesday, May 5th domestic capacity for the US was down **93.58%** and PWM was down **94.53%**.

Jetport Operational Update: Passenger Statistics – Total Passengers

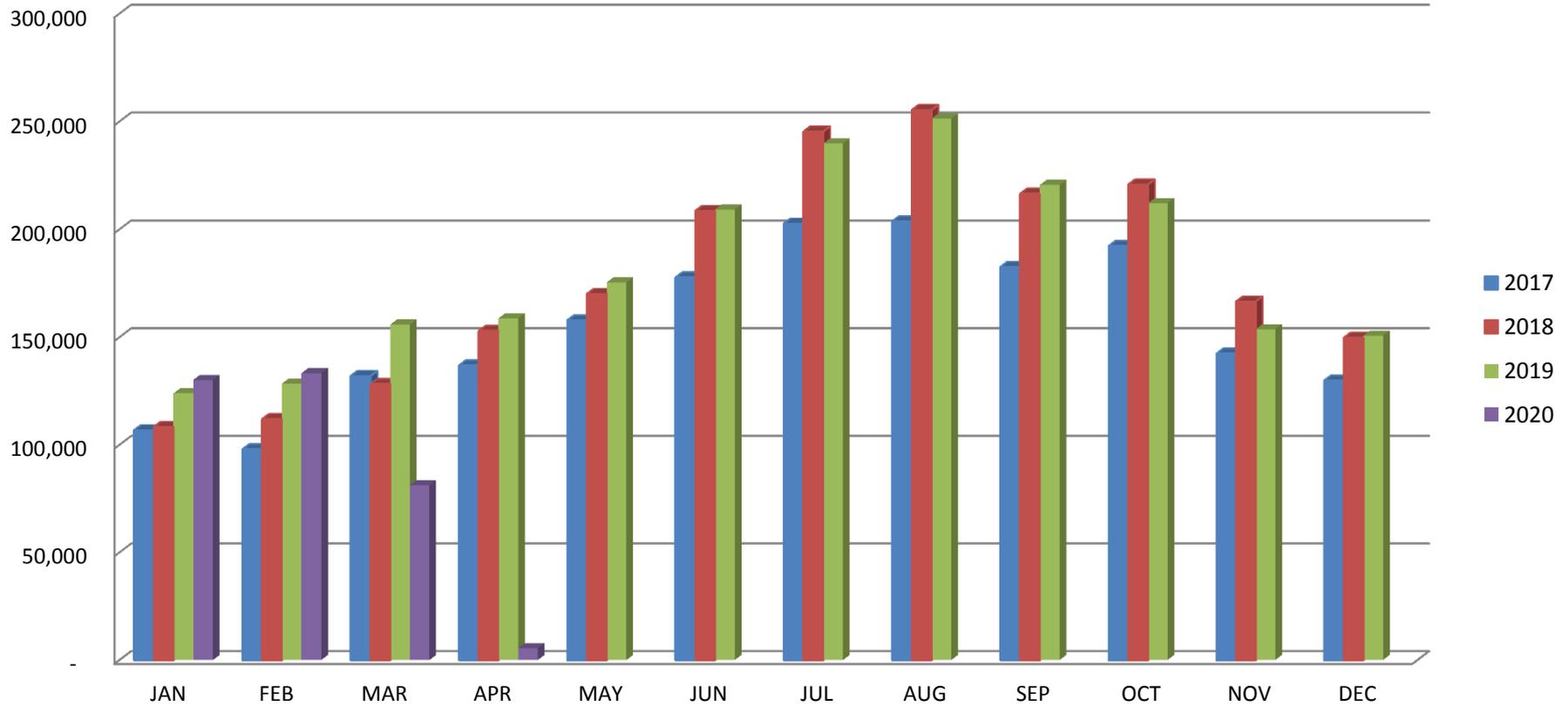
Total Passengers	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
2018	108,340	111,973	128,268	152,924	170,097	208,551	245,375	255,330	216,507	220,782	166,526	149,757	2,134,430
2017	106,791	97,883	131,997	136,876	157,801	177,697	202,678	203,670	182,591	192,258	142,335	129,636	1,862,213
Change	1,549	14,090	(3,729)	16,048	12,296	30,854	42,697	51,660	33,916	28,524	24,191	20,121	272,217
%	1.5%	14.4%	-2.8%	11.7%	7.8%	17.4%	21.1%	25.4%	18.6%	14.8%	17.0%	15.5%	14.6%

Total Passengers	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
2019	123,949	128,432	155,823	158,725	175,413	209,164	239,799	251,375	220,590	212,065	153,699	150,671	2,179,705
2018	108,340	111,973	128,268	152,924	170,097	208,551	245,375	255,330	216,507	220,782	166,526	149,757	2,134,430
Change	15,609	16,459	27,555	5,801	5,316	613	(5,576)	(3,955)	4,083	(8,717)	(12,827)	914	45,275
%	14.4%	14.7%	21.5%	3.8%	3.1%	0.3%	-2.3%	-1.5%	1.9%	-3.9%	-7.7%	0.6%	2.1%

Total Passengers	JAN	FEB	MAR	APR
2020	130,165	133,338	81,205	5,460
2019	123,949	128,432	155,823	158,725
Change	6,216	4,906	(74,618)	(153,265)
%	5.0%	3.8%	-47.9%	-96.6%

For March 2020 total passengers were down **74,618** or **47.9%** and for April down **153,265** or **96.6%**

Portland Jetport Total Monthly Passengers



Jetport Operational Update: Historical Enplanements

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total	% Change
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	-2.7%
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	-1.8%
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	-2.8%
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	3.4%
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	0.0%
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	3.1%
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	2.9%
2017	54,499	50,256	65,566	67,338	75,344	84,231	101,368	104,165	92,530	99,996	71,613	64,343	931,249	4.0%
2018	56,272	57,672	62,490	77,423	81,816	100,961	122,194	130,339	110,634	115,234	83,995	74,537	1,073,567	15.3%
2019	64,824	65,678	77,180	78,421	84,340	100,525	119,151	127,461	113,123	110,707	77,611	75,017	1,094,038	1.9%
2020	67,985	67,499	36,979	2,535									174,998	
Change ENP	4.9%	2.8%	-52.1%	-96.8%										
Cap 20	85,779	82,098	93,743	45,881	25,765	94,598	130,392	149,319	137,240	132,109	97,595	95,123	1,169,642	
LF 20	79%	82%	39%	6%	0%	0%	0%	0%	0%	0%	0%	0%	15.0%	
Cap 19	88,780	80,783	90,923	92,011	103,822	121,715	137,503	142,466	126,980	122,380	93,111	90,600	1,291,074	
LF 19	73%	81%	85%	85%	81%	83%	87%	89%	89%	90%	83%	83%	85%	
Change CAP 19/20	-3.4%	1.6%	3.1%	-50.1%	-75.2%	-22.3%	-5.2%	4.8%	8.1%	7.9%	4.8%	5.0%	-9.4%	
Cap 18	82,705	72,913	85,473	95,466	104,825	125,797	143,457	148,580	132,357	132,078	104,788	98,521	1,326,960	
LF 18	68%	79%	73%	81%	78%	80%	85%	88%	84%	87%	80%	76%	81%	
Change CAP 18/19	7.3%	10.8%	6.4%	-3.6%	-1.0%	-3.2%	-4.2%	-4.1%	-4.1%	-7.3%	-11.1%	-8.0%	-2.7%	
Cap 17	73,119	66,549	80,951	87,196	95,767	107,219	117,668	119,089	113,508	115,793	86,821	84,432	1,148,112	
LF 17	75%	76%	81%	77%	79%	79%	86%	87%	82%	86%	82%	76%	81%	

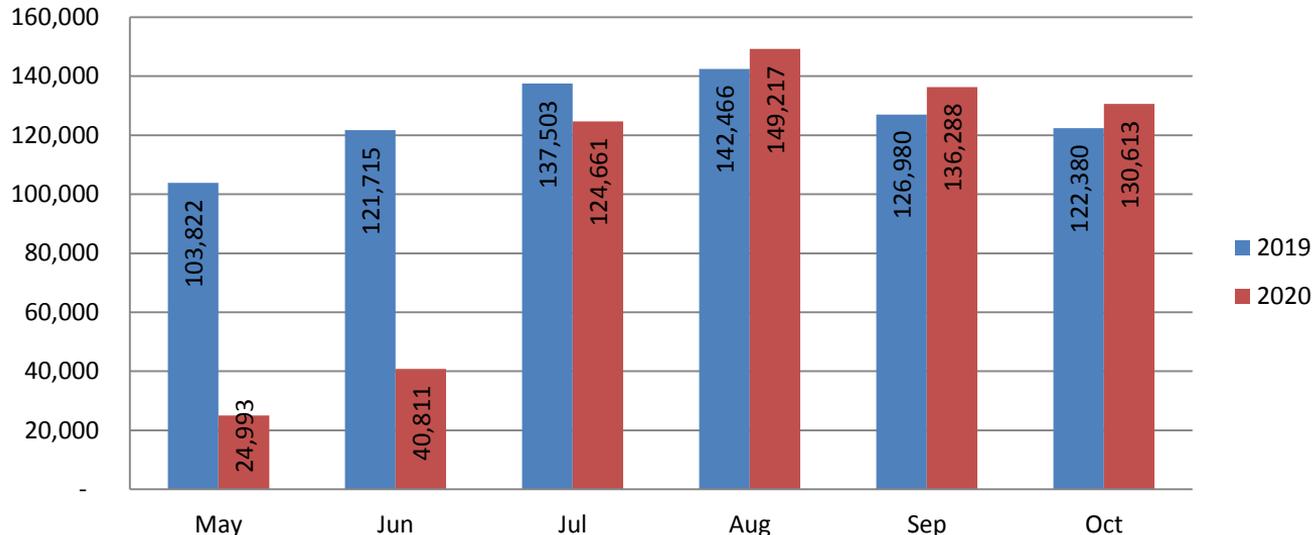


Record Month

Jetport Operational Update: Forward Capacity through June 2020

Available Seats

Updated 05/08/2020

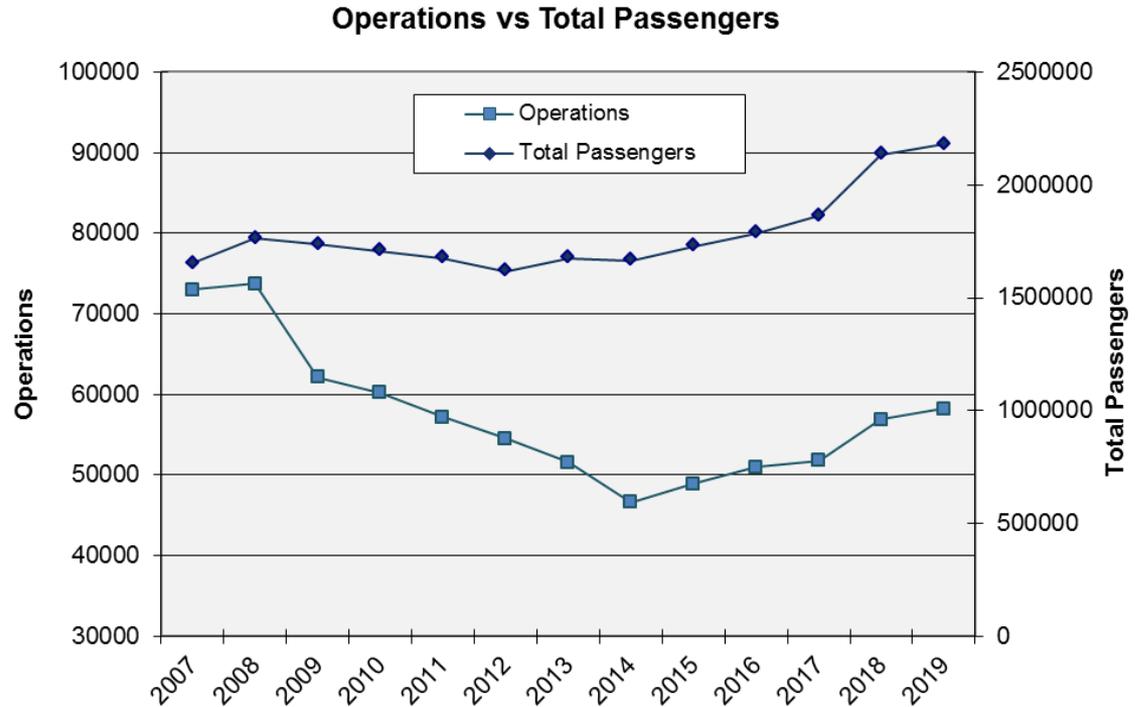


Outbound Capacity is down **148,283** seats over the next six months. This is a decrease of **19.6%** year-over-year.

Change 19/20	(78,829)	(80,904)	(12,842)	6,751	9,308	8,233	(148,283)
%	-75.9%	-66.5%	-9.3%	4.7%	7.3%	6.7%	-19.6%

Jetport Operational Update: Operations vs Total Passengers

Year	Operations	Total Passengers	YOY Change
2001	112,043	1,252,597	Operations
2002	102,630	1,248,362	-8.4%
2003	88,143	1,248,972	-14.1%
2004	90,241	1,365,078	2.4%
2005	80,257	1,455,925	-11.1%
2006	77,422	1,410,484	-3.5%
2007	72,985	1,650,581	-5.7%
2008	73,776	1,762,925	1.1%
2009	62,160	1,736,941	-15.7%
2010	60,257	1,707,425	-3.1%
2011	57,230	1,674,814	-5.0%
2012	54,566	1,616,723	-4.7%
2013	51,568	1,675,978	-5.5%
2014	46,633	1,665,209	-9.6%
2015	48,898	1,728,746	4.9%
2016	50,993	1,786,942	4.3%
2017	51,805	1,862,213	1.6%
2018	56,926	2,134,430	9.9%
2019	58,232	2,179,705	2.3%



Noise Data

Noise Reports vs Reporters

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2011	Report	0	0	2	24	165	160	289	299	89	18	6	1	1053
	Reporter	0	0	1	3	4	5	10	11	5	2	2	1	44
2012	Report	3	0	0	6	1	13	22	52	1	3	2	1	104
	Reporter	0	0	0	2	1	7	8	10	1	3	2	1	35
2013	Report	0	0	4	9	10	15	13	22	20	2	1	4	100
	Reporter	0	0	4	3	5	4	4	11	8	2	1	1	43
2014	Report	6	26	32	31	24	42	59	44	19	19	7	28	337
	Reporter	1	2	4	7	6	13	12	25	9	6	2	3	90
2015	Report	7	7	13	28	38	46	75	49	78	43	2	2	388
	Reporter	1	2	4	4	7	8	9	15	13	7	2	2	74
2016	Report	11	8	21	26	37	33	106	137	34	14	19	21	467
	Reporter	4	5	4	7	7	8	13	12	9	4	1	4	78
2017	Report	3	1	4	10	29	31	33	84	61	76	429	169	930
	Reporter	2	1	4	4	8	10	15	19	21	16	17	8	84
2018	Report	172	44	22	40	52	57	227	180	129	204	160	119	1406
	Reporter	4	9	9	4	8	16	27	22	17	18	16	31	181
2019	Report	74	34	33	9	55	97	115	359	141	66	58	33	1074
	Reporter	15	11	6	4	17	30	43	76	35	3	8	3	251
2020	Report	53	56	61	42									212
	Reporter	9	9	9	9									36

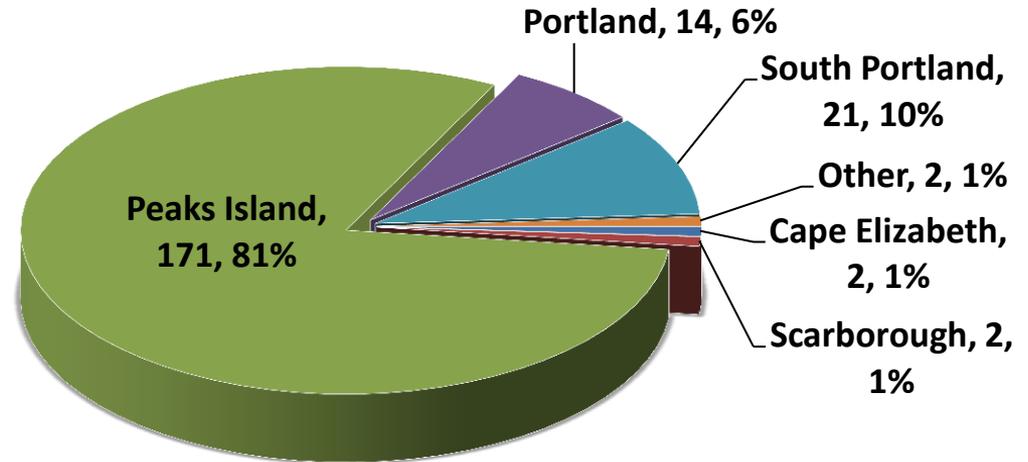
Noise Data

Noise **Reports** by Neighborhood:

212 noise related Complaints Since Jan. 1, 2020

Calls

- Cape Elizabeth
- Scarborough
- Peaks Island
- Portland
- South Portland
- Other



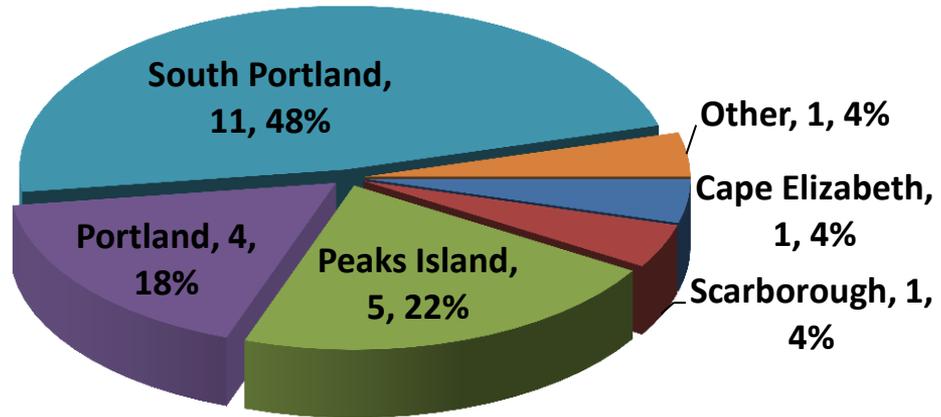
Noise Data

Noise **Reporters** by Neighborhood:

23 Unique Callers since Jan. 1, 2020

Callers

■ Cape Elizabeth ■ Scarborough ■ Peaks Island



Noise Data: Primary Runway Usage – 2019

		PWM Runway Operations												
	2019	January	February	March	April	May	June	July	August	September	October	November	December	Totals
	11A	393	346	627	275									1641
	11D	252	277	506	202									1237
	18 A	31	82	156	92									361
	18 D	29	68	134	86									317
	29 A	1318	1240	673	254									3485
	29 D	1381	1309	835	287									3812
	36 A	137	123	196	85									541
	36 D	89	79	34	86									288
	Total	3630	3524	3161	1367	0	11682							
% Use of Primary Runway 2020		92%	90%	84%	74%									85%
% Use of Primary Runway 2019		93%	93%	87%	85%	78%	82%	78%	83%	79%	80%	87%	94%	85%

4 Month Average
2020: 85%
2019: 90%

Noise Data: FedEx / Wiggins Runway Usage



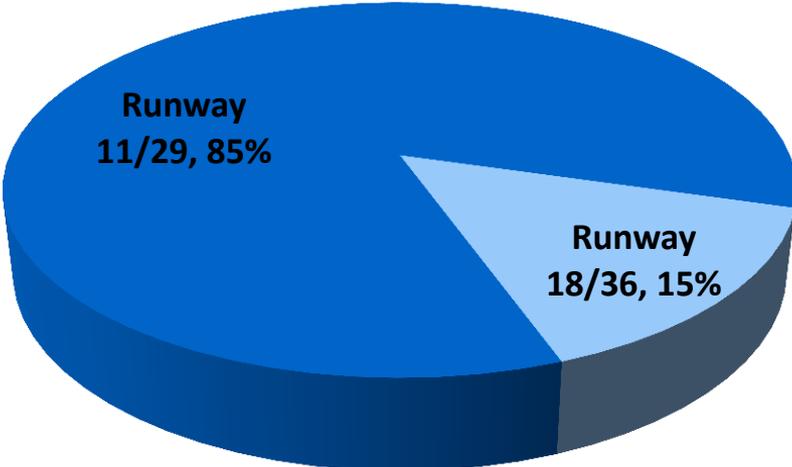
PWM Runway Operations													
	January	February	March	April	May	June	July	August	September	October	November	December	Totals
11A	14	7	18	16									55
11D	8	4	6	8									26
18A	13	22	28	27									90
18D	2	5	17	9									33
29A	52	41	23	25									141
29D	47	42	30	23									142
36A	16	18	21	30									85
36D	9	10	12	32									63
Total	161	149	155	170	0	635							
% Use of Primary Runway 2020	75%	63%	50%	42%									58%
% Use of Primary Runway 2019	75%	76%	56%	57%	52%	58%	54%	50%	45%	44%	55%	76%	58%

4 Month Average
2020: 58%
2019: 66%

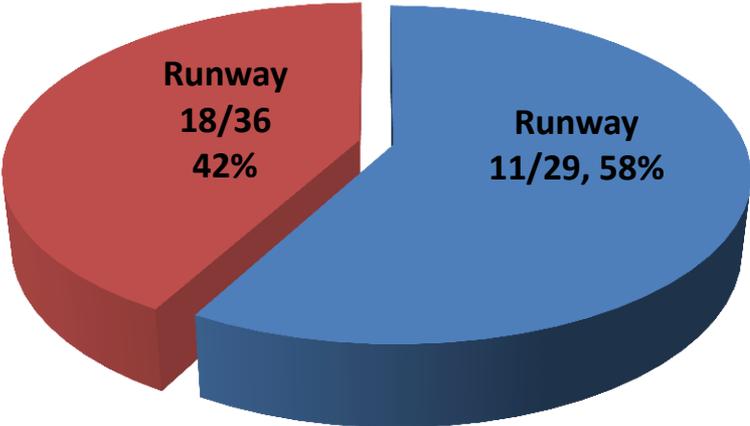
Data includes both Cessna Citation and Beech 99 aircraft operated by Wiggins

Noise Data: Total Runway Usage, Since Jan 1, 2020

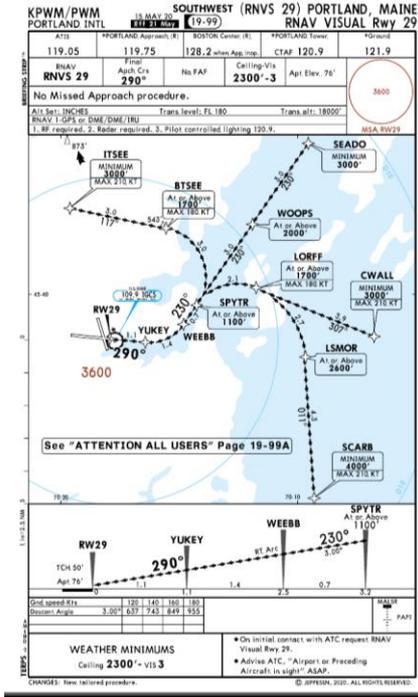
Total Runway Usage



Wiggins Runway Usage



Old Business: Update on Development of RNAV Visual Special



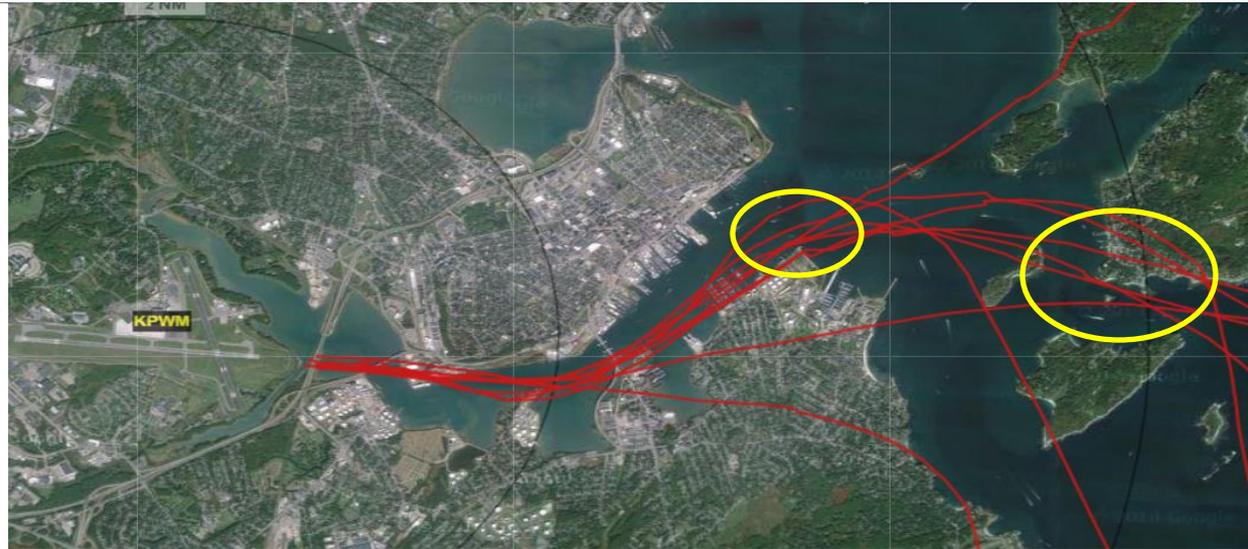
RNAV Visual Special is available for Southwest Airlines use only starting on May 21, 2020.

SWA RNAV Visual (Proposed)



Harbor Visual Approach with waypoints publish date has unfortunately been delayed to July 15, 2021 due to the pandemic.

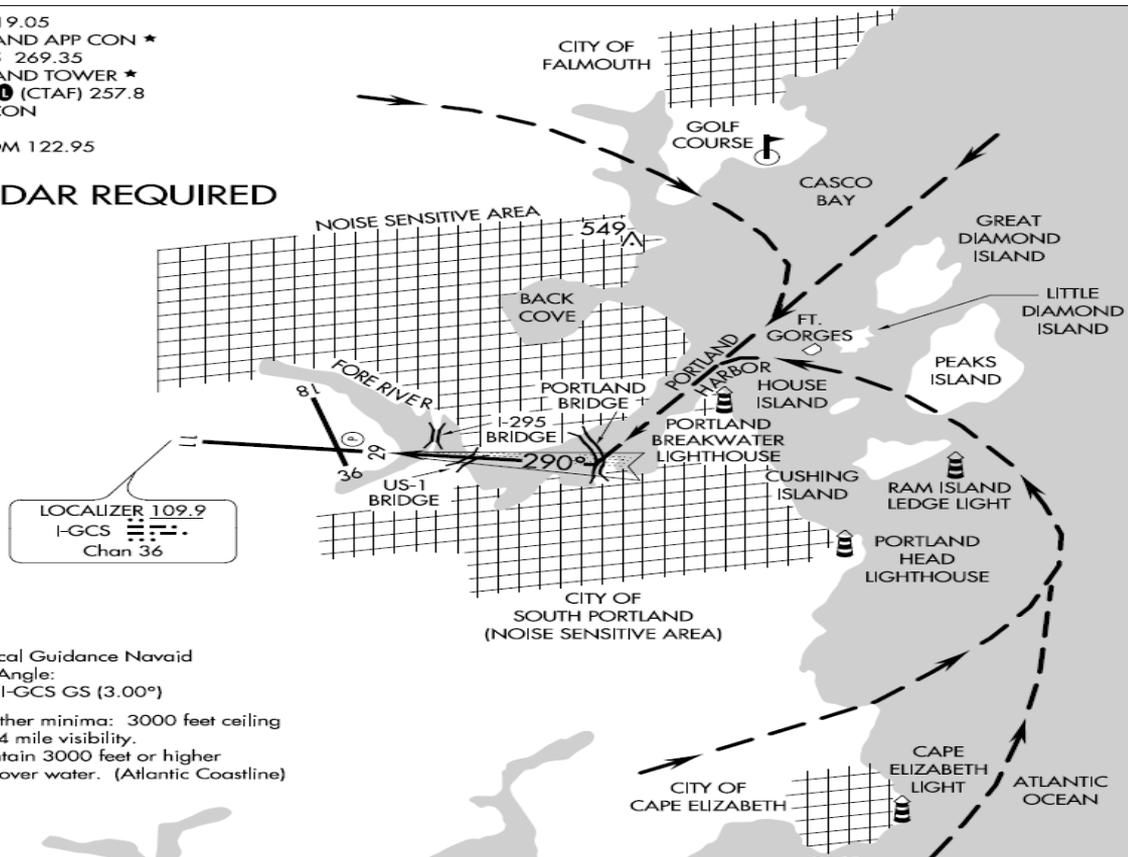
- Arrivals only
- Daylight Hours Only
- More Restrictive than regular Visual Flight Rules (VFR)
 - Cloud ceiling greater than 3000ft
 - Visibility greater than 4 miles
 - Requires Radar (Cumberland)
 - Jet Aircraft Only



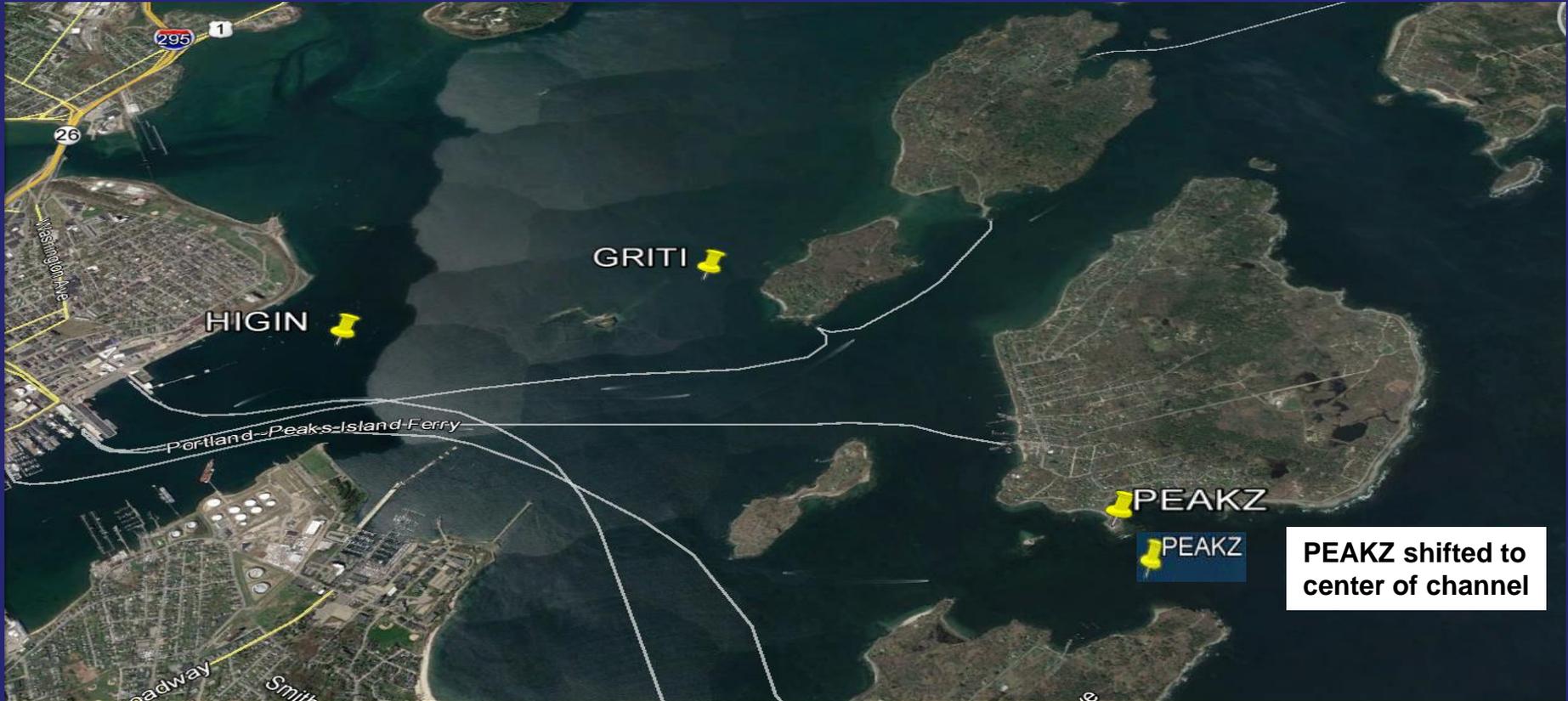
Harbor Visual

ATIS 119.05
 PORTLAND APP CON ★
 119.75 269.35
 PORTLAND TOWER ★
 120.9 (CTAF) 257.8
 GND CON
 121.9
 UNICOM 122.95

RADAR REQUIRED



Harbor Visual Improvements



Old Business: Construction Rwy 11 Bypass & Twy B Connector

Projects:

Runway 11 Bypass & Perimeter Service Road Realignment

Taxiway B Runway 36 to 29 Connector

Are planned for the 2020 construction season.

Runway 11/29 Closure:

20APR20-13JUN20

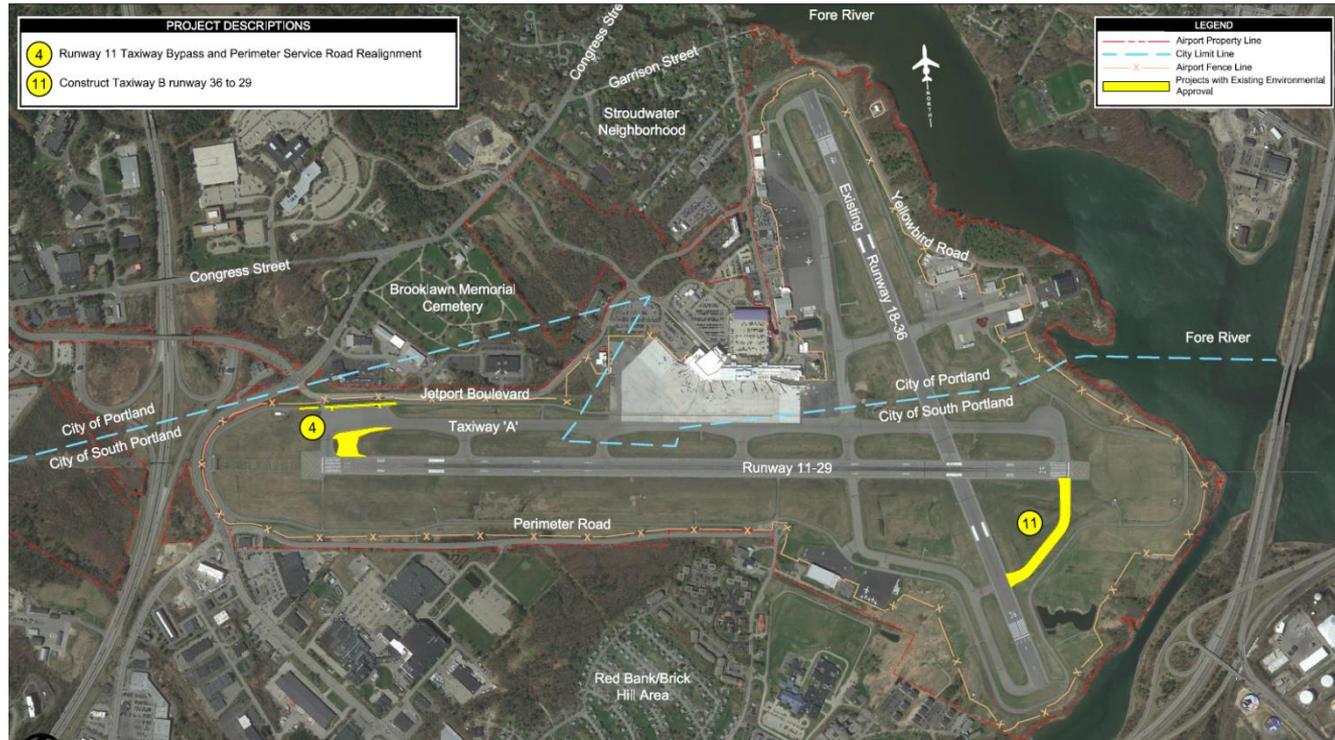
M-Th 2200-0600+1

F 2200-1200+1

Electrical Tie-Ins

08May20(Fri) 2200 -

10May20(SUN)1200

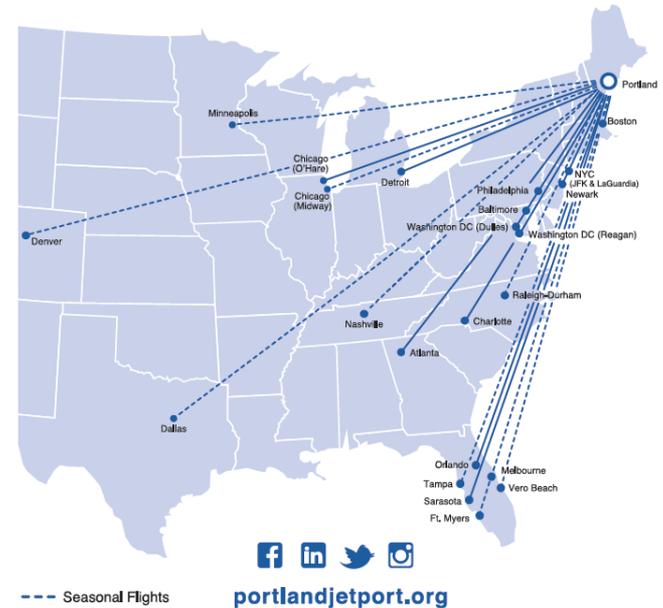


New Business: Airline Schedules May – November 2020

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.

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

Non-Stop Destinations



New Business: Flight Schedule May – November 2020

Departures between 10:00 pm and 7:00 am							
Travel Month	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020
Dep Time	Flights	Flights	Flights	Flights	Flights	Flights	Flights
TOTAL (10p - 7a)	27	84	337	346	278	273	236
Daily Average	0.9	2.8	10.9	11.2	9.3	8.8	7.9
TOTAL Departures	266	512	1,513	1,776	1,700	1,665	1,414
%	10.2%	16.4%	22.3%	19.5%	16.4%	16.4%	16.7%

Travel Month	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019
Dep Time	Flights	Flights	Flights	Flights	Flights	Flights	Flights
TOTAL (10p - 7a)	307	328	354	359	325	329	242
Daily Average	9.9	10.9	11.4	11.6	10.8	10.6	8.1
TOTAL Departures	1,212	1,378	1,496	1,564	1,481	1,453	1,104
%	25.3%	23.8%	23.7%	23.0%	21.9%	22.6%	21.9%

Change 19/20	(280)	(244)	(17)	(13)	(47)	(56)	(6)
%	-91%	-74%	-5%	-4%	-14%	-17%	-2%

Note: Due to the impact of COVID-19 Delta announced on April 30th that it retire its remaining MD-88 and MD-90 fleets early. All 47 MD-88s and 29 MD-90s in Delta's fleet will be retired in June.

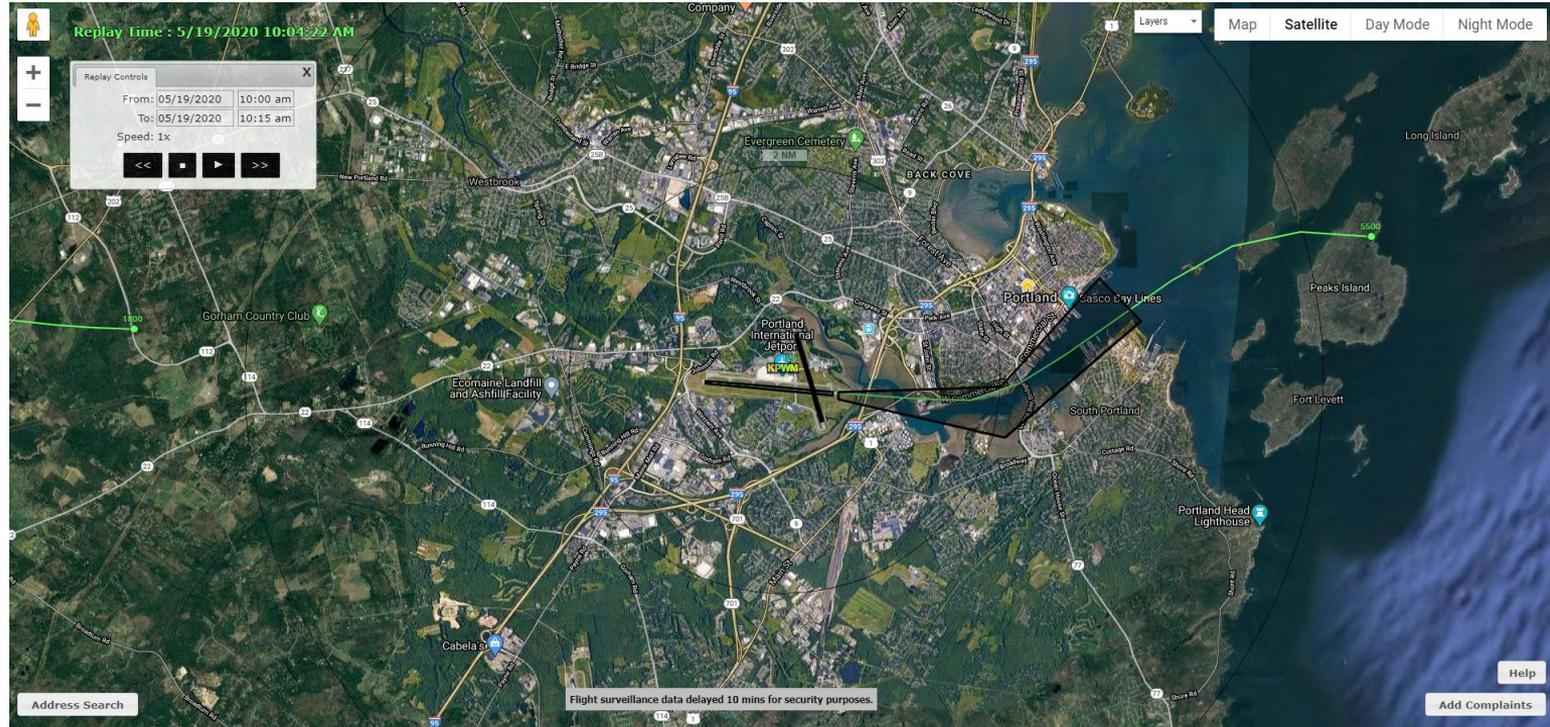
New Business: Flight Schedule May – November 2020

Arrivals between 10:00 pm and 7:00 am							
Travel Month	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020
Arr Time	Flights	Flights	Flights	Flights	Flights	Flights	Flights
TOTAL (10p - 7a)	23	53	262	309	291	293	258
Daily Average	0.7	1.8	8.5	10.0	9.7	9.5	8.6
TOTAL Arrivals	267	512	1,513	1,776	1,700	1,665	1,414
%	8.6%	10.4%	17.3%	17.4%	17.1%	17.6%	18.2%

Travel Month	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019
Arr Time	Flights	Flights	Flights	Flights	Flights	Flights	Flights
TOTAL (10p - 7a)	291	355	362	338	281	281	223
Daily Average	9.4	11.8	11.7	10.9	9.4	9.1	7.4
TOTAL Arrivals	1,213	1,377	1,497	1,564	1,479	1,448	1,100
%	24.0%	25.8%	24.2%	21.6%	19.0%	19.4%	20.3%

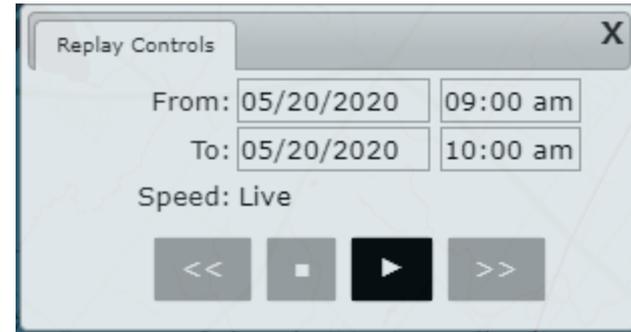
Change 19/20	(268)	(302)	(100)	(29)	10	12	35
%	-92%	-85%	-28%	-9%	4%	4%	16%

New Business: Online Portal for Flight Tracking & Noise Reporting



Aircraft Tracking – Historical

1. Launch PWM Public Portal – <https://airport.vector-us.com/Public/PublicPortal.aspx?airportCode=KPWM>
2. Live flight tracking is automatically displayed with 10 minute delay
3. Select **Replay Tracks** on top left corner of screen
4. Select a date range
5. Select a time range
6. Click **▶** button
7. User may fast forward or reverse
8. Stop button cancels playback



Noise Report Submission - Confirmation

The image shows a satellite map interface with a central confirmation dialog box. The dialog box has a green checkmark icon and the text: "Thank you. Your feedback has been successfully received and assigned reference number 124676." The map background shows various neighborhoods in Portland, Oregon, including Rosemont, West End, and Knightville. A green line on the map indicates a flight path. The interface includes a top navigation bar with "Map", "Satellite", "Day Mode", and "Night Mode" options. A bottom navigation bar contains "Address Search", "Flight surveillance data delayed 10 mins for security purposes.", "Help", and "Add Complaints" buttons. The date and time "05/20/2020 7:53:47 Local" are displayed in the top left corner.

05/20/2020 7:53:47 Local

Replay Tracks

Success!

Thank you. Your feedback has been successfully received and assigned reference number 124676.

Close

Address Search

Flight surveillance data delayed 10 mins for security purposes.

Help

Add Complaints

Public Portal Demonstration

1. Replay historical flight tracks
2. Noise report submission and confirmation

<https://airport.vector-us.com/Public/PublicPortal.aspx?airportCode=KPWM>

Questions / Public Comment

Please Raise Your Hand via WebEx to be recognized and State Your Name & Address for the Record

Next Meeting Date

Propose: Thursday, October 29, 2020 for next meeting



Thank you!