

January 2022 Community Noise Report

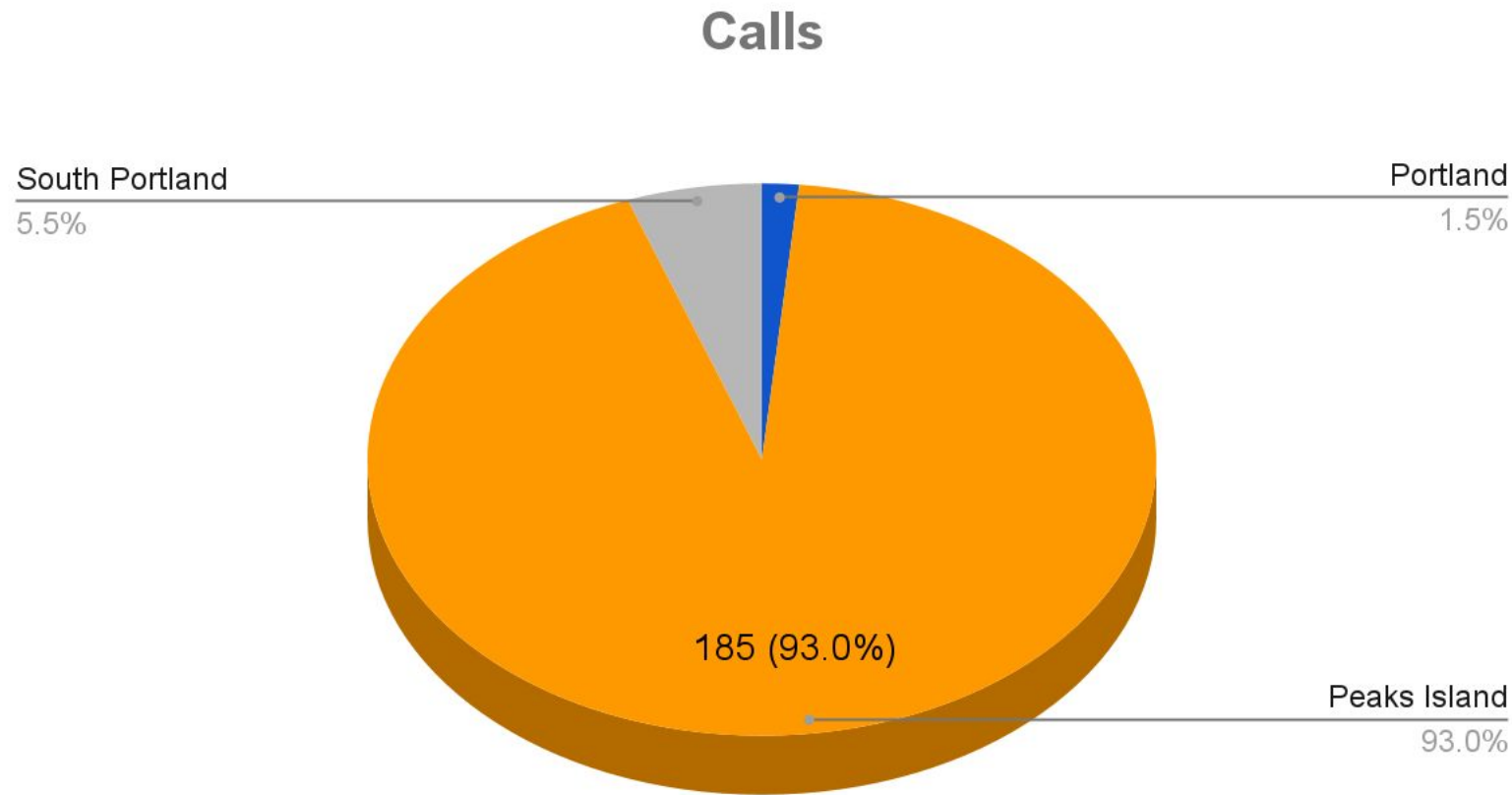


Noise Data: Noise Reports vs Reporters

-	-	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2014	Report	6	26	32	31	24	42	59	44	19	19	7	28	337
	Reporter	1	2	4	4	7	8	9	15	13	7	2	2	74
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	125
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	22	89	150	267	240	143	68	78	26	1253
	Reporter	9	9	9	5	31	48	38	49	22	18	20	9	267
2021	Report	34	19	54	53	87	160	207	397	343	286	300	222	2162
	Reporter	16	6	22	15	34	49	48	47	36	35	16	21	345
2022	Report	199												199
	Reporter	10												10

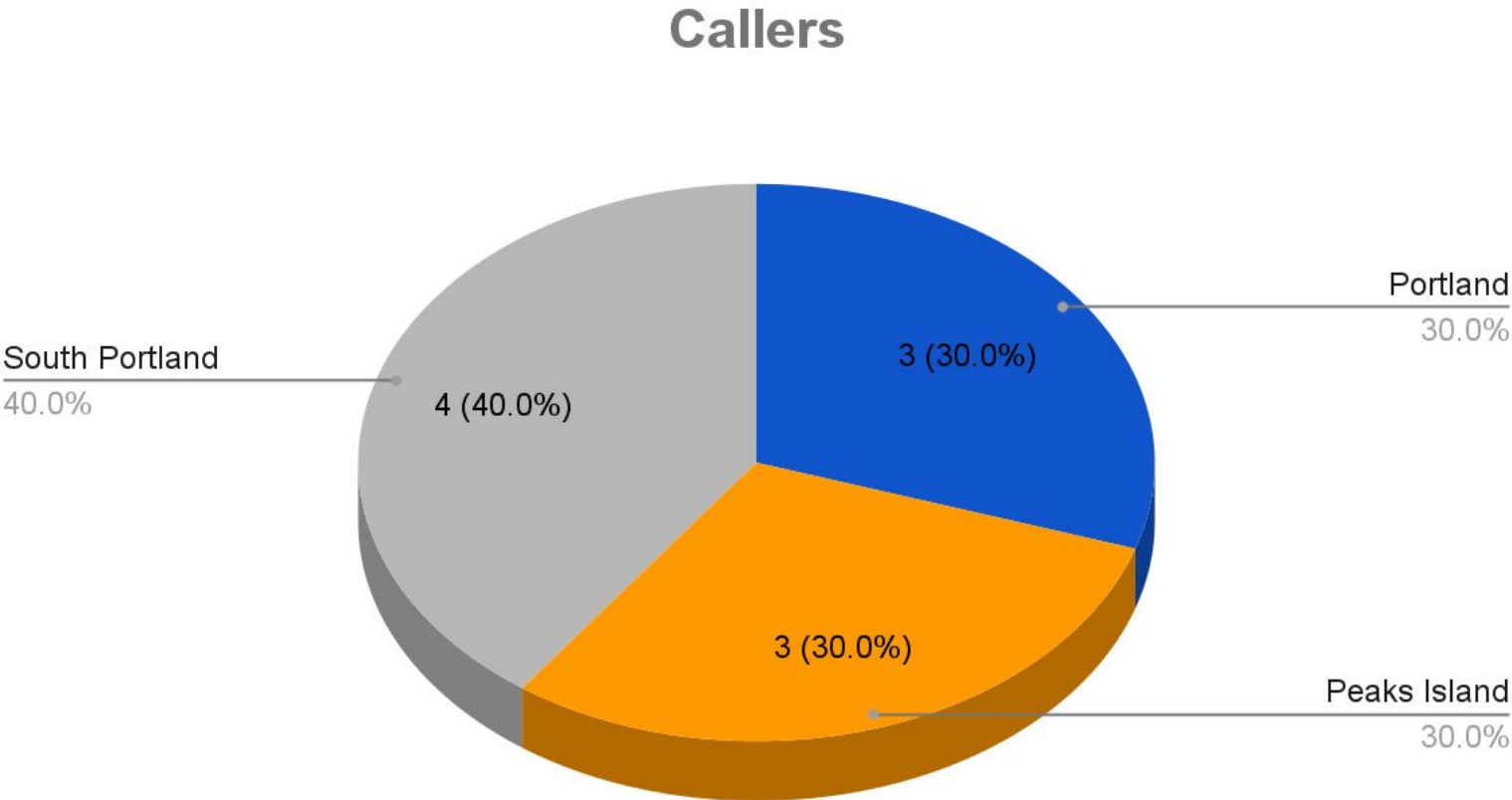
Noise Data: Reports by Neighborhood

Noise **Reports** by
Neighborhood –
199 complaints since
Jan. 1, 2022



Noise Data: Reporters by Neighborhood

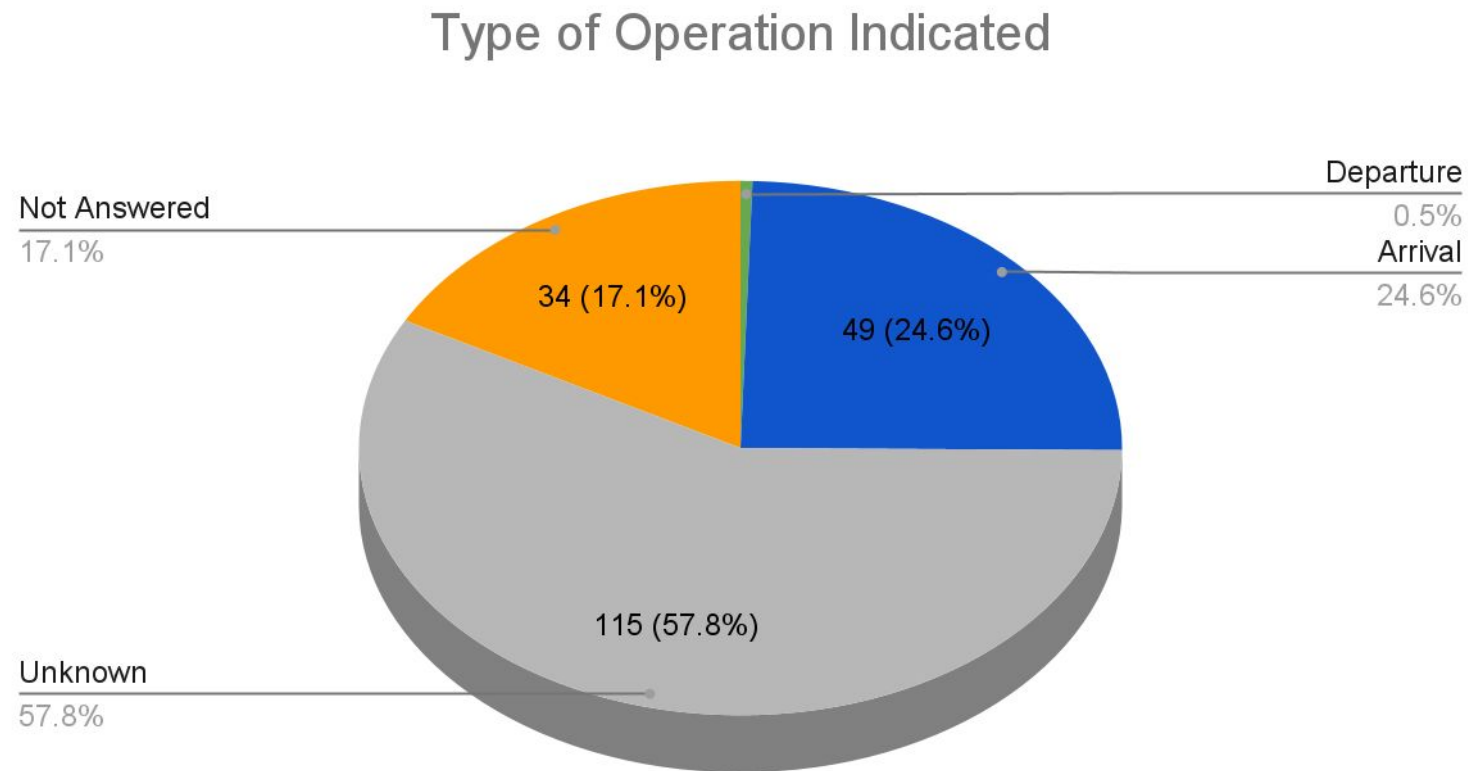
Noise **Reporters** by
Neighborhood –
10 Unique Callers
since Jan. 1, 2021



Noise Data: Operation Type Indicated

Noise **Reports** by Type
of Operation
since Jan. 1, 2022

Arrival: 49
Departure: 1
Unknown: 115
Not Answered: 34



Noise Data: Primary Runway Use

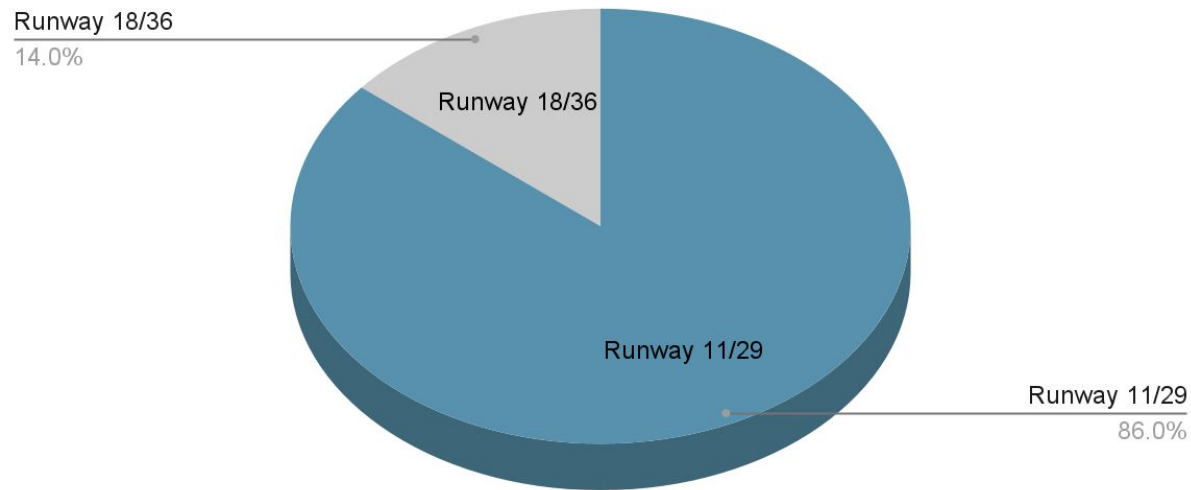
PWM Runway Operations													
2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
11A	226												226
11D	151												151
18A	60												60
18D	31												31
29A	966												966
29D	1040												1040
36A	158												158
36D	126												126
Total	2758	0	0	0	0	0	0	0	0	0	0	0	2758
% Use of Primary Runway 2022	86%												86%
% Use of Primary Runway 2021	80%	90%	74%	75%	73%	86%	100%	100%	94%	85%	84%	92%	86%

Noise Data: FedEx / Wiggins Runway Use

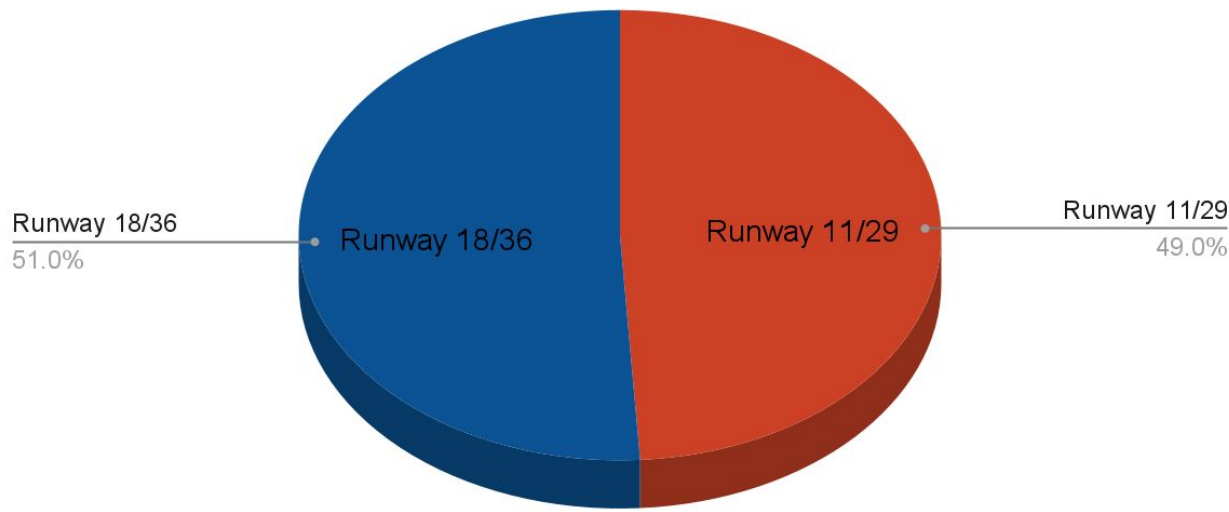
PWM Runway Operations													
2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
11A	3												3
11D	4												4
18A	35												35
18D	2												2
29A	25												25
29D	30												30
36A	10												10
36D	18												18
Total	127	0	0	0	0	0	0	0	0	0	0	0	127
% Use of Primary Runway 2022	49%												49%
% Use of Primary Runway 2021	48%	74%	56%	48%	51%	68%	100%	100%	82%	37%	58%	74%	66%

Noise Data: Runway Use January 2022

Total Runway Usage



Wiggins Runway Usage



Noise Data: Runway Preference January 2022 (Arrivals)

Runway Preference 2022 (Provides Data On Effectiveness To Approach From The West)

Arrivals Over South Portland		Arrivals Over Portland / West End		Arrivals Over Peaks Island		Arrivals Over Little Diamond		Arrivals Over Falmouth	
Arrivals	410	Arrivals	0	Arrivals	133	Arrivals	17	Arrivals	1
% of 11 / 29 Arrivals	49.94%	% of 11 / 29 Arrivals	0.00%	% of 11 / 29 Arrivals	16.20%	% of 11 / 29 Arrivals	2.07%	% of 11 / 29 Arrivals	0.12%

From West		From East		Total Arrivals	
Arrivals	185	Arrivals	636	Arrivals	821
% of 11 / 29 Arrivals	23%	% of 11 / 29 Arrivals	77%	% of 11 / 29 Arrivals	100%

Runway Preference 2022 (Noise Sensitive Hours 10pm-7am)

Arrivals Over South Portland		Arrivals Over Portland / West End		Arrivals over Peaks Island		Arrivals Over Little Diamond		Arrivals Over Falmouth	
Arrivals	86	Arrivals	0	Arrivals	1	Arrivals	0	Arrivals	0
% of 11 / 29 Arrivals	65.65%	% of 11 / 29 Arrivals	0.00%	% of 11 / 29 Arrivals	0.76%	% of 11 / 29 Arrivals	0.00%	% of 11 / 29 Arrivals	0.00%

From West		From East		Total	
Arrivals	43	Arrivals	88	Arrivals	131
% of 11 / 29 Arrivals	33%	% of 11 / 29 Arrivals	67%	% of 11 / 29 Arrivals	100%

Data Shown Represents Jet Aircraft Only

Noise Data: Runway Preference December 2021 (Departures)

Runway Preference 2022 (Provides Data On Effectiveness To Approach From The West)

Departures Over South Portland		Departures Over Portland / West End		Departures Over Peaks Island		Departures Over Little Diamond		Departures Over Falmouth	
Departures	12	Departures	1	Departures	51	Departures	42	Departures	30
% of 11 / 29 Departures	1.41%	% of 11 / 29 Departures	0.12%	% of 11 / 29 Departures	5.99%	% of 11 / 29 Departures	4.94%	% of 11 / 29 Arrivals	3.53%

To West		To East		Total	
Departures	730	Departures	121	Departures	851
% of 11 / 29 Arrivals	86%	% of 11 / 29 Arrivals	14%	% of 11 / 29 Arrivals	100%

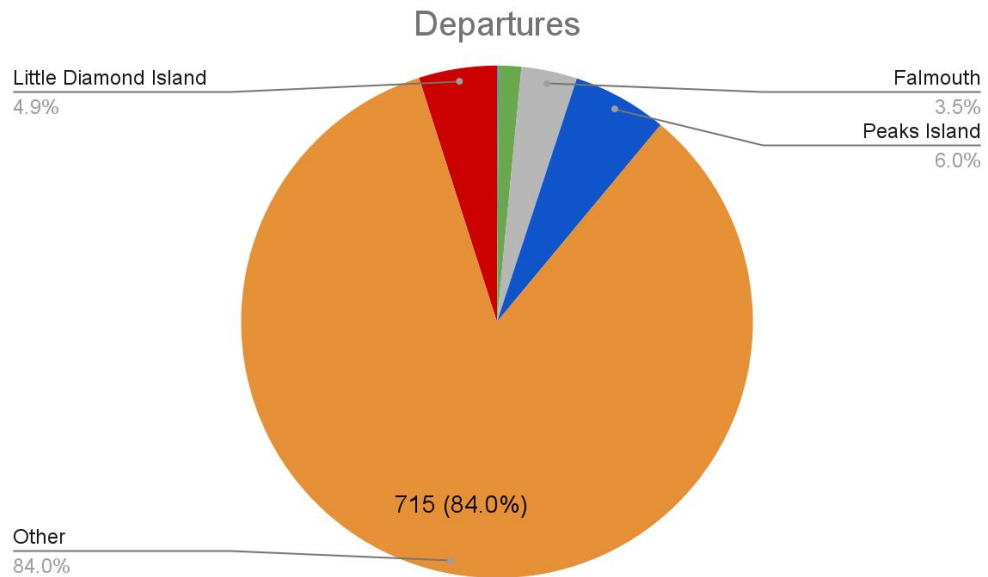
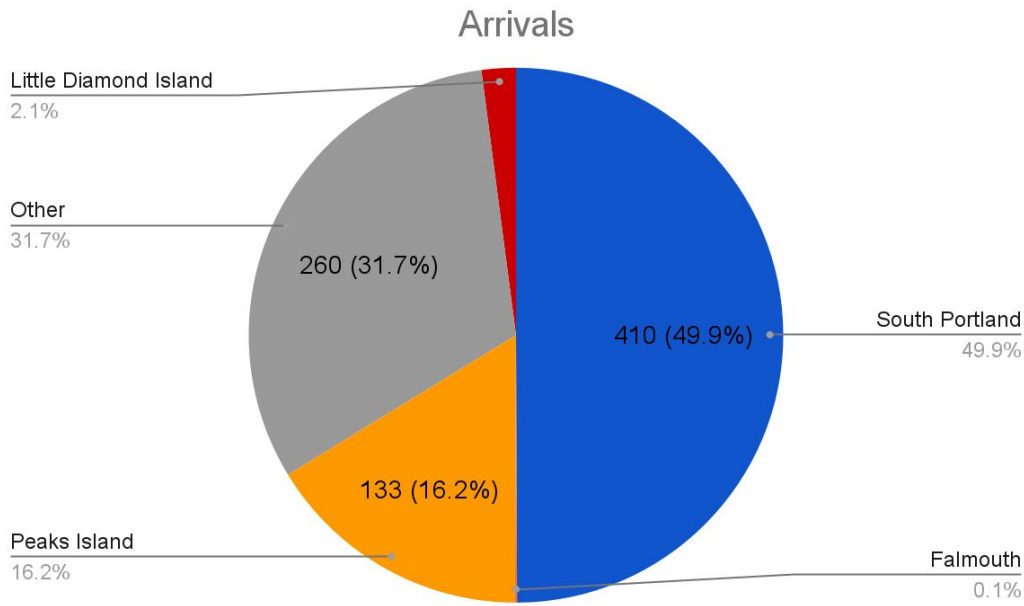
Runway Preference 2022 (Noise Sensitive Hours 10pm-7am)

Departures Over South Portland		Departures Over Portland / West End		Departures Over Peaks Island		Departures Over Little Diamond		Departures Over Falmouth	
Departures	4	Departures	0	Departures	7	Departures	6	Departures	0
% of 11 / 29 Departures	1.75%	% of 11 / 29 Departures	0.00%	% of 11 / 29 Departures	6.03%	% of 11 / 29 Departures	5.17%	% of 11 / 29 Arrivals	0.00%

To West		To East		Total	
Departures	105	Departures	11	Departures	116
% of 11 / 29 Departures	91%	% of 11 / 29 Departures	9%	% of 11 / 29 Departures	100%

Data Shown Represents Jet Aircraft Only

Noise Data: Runway Preference January 2022



Data Shown Represents Jet Aircraft Only

Noise Data: Harbor Visual Approach

Harbor Visual Approach Compliance								
January 3 - 9	1/3	1/4	*1/5*	1/6	**1/7**	1/8	1/9	Total
Number of Approaches of Eligible Aircraft	13	9	1	8	0	13	10	54
Number of Successful HVA	5	9	1	7	0	11	10	43
Percentage of Successful HVA	38%	100%	100%	88%	-	85%	100%	85%

* Denotes Partial Day Due to Weather Minimums
** Denotes HVA Unavailable Due to Weather Minimums

Data Represents Jet Aircraft Only
HVA is only available during daytime hours

Noise Data: Runway Preference During Noise Sensitive Hours 10pm-7am

(Preference to depart to the West / arrive from the West)

Noise Data: NCP compliance 10pm – 7am								
January 3 - 9	1/3	1/4	1/5	1/6	1/7	1/8	1/9	Weekly Total
RWY 11 Arrivals	3	0	0	1	0	0	0	4
RWY 29 Departures	3	5	4	0	4	3	5	24
Total RWY Operations	7	9	10	7	8	8	10	59
% of Arrivals / Departures to and from west	86%	56%	40%	14%	50%	38%	50%	48%

Data Represents Jet Aircraft Only

RWY 11 Departures December 2021 (Early North / South)

Departures Over West End (Early North)		Departures over South Portland (Early South)	
Departures (1-15)	1	Departures	3
% of 11 Departures	0.83%	% of 11 Departures	2.48%

To West		To East		Total	
Departures	730	Departures	121	Arrivals	851
% of 11 / 29 Departures	86%	% of 11 / 29 Departures	14%	% of 11 / 29 Departures	100%

Data Shown Represents Jet Aircraft Only

Departures over West End / Early North Reasoning

1. 1/1/2022 5:48PM United 4593 PWM-EWR: Filed HSKEL 3 RNAV Departure, overflowed western Promenade