

Total Airline Operations and Exceedances During Late Night Hours in 4th Quarter 2022

PAX = passenger airline

CRG = cargo airline

Airline Code	Airline Name	Type*	Total Operations	Total Number of Exceedances	Percent of Operations
AAL	American Airlines	PAX	127	0	2%
AAR	Asiana Airlines Cargo	CRG	5	3	60%
ABX	ABX Air	CRG	14	4	29%
ACA	Air Canada	PAX	2	0	0%
ASA	Alaska Airlines	PAX	729	11	2%
ATN	Air Transport Intl' (Amazon)	CRG	343	43	13%
BAW	British Airways	PAX	2	0	0%
BOX	Aerologic	CRG	5	0	0%
CAL	China Airlines Cargo	CRG	42	30	71%
CKK	China Cargo Airlines	CRG	53	19	36%
CKS	Kalitta Air	CRG	2	2	100%
CLX	Cargolux	CRG	13	11	85%
DAL	Delta Air Lines	PAX	342	11	3%
EVA	EVA Air	PAX	90	0	0%
FDX	FedEx Express	CRG	98	56	57%
FFT	Frontier Airlines	PAX	2	0	0%
GTI	Atlas Air	CRG	12	2	17%
HAL	Hawaiian Airlines	PAX	13	1	8%
JBU	JetBlue	PAX	78	0	0%
KAL	Korean Air Cargo	CRG	37	23	62%
NKS	Spirit Airlines	PAX	17	0	0%
OAE	Omni Air	PAX	10	0	0%
QXE	Horizon Air	PAX	104	1	1%
SCX	Sun Country	PAX	11	0	0%
SKW	SkyWest Airlines	PAX	116	0	0%
SWA	Southwest Airlines	PAX	219	0	0%
UAL	United Airlines	PAX	236	5	2%
VOI	Volaris	PAX	5	0	0%
WEN	Westjet Encore	PAX	1	0	0%
Totals			2728	222	8%

Airlines With No Operations During Late Night Hours:

Lufthansa, Japan Airlines, All Nippon Airlines, Emirates Airlines, Virgin Atlantic, Aeromexico, Aer Lingus, Finnair
Jazz Aviation, Iceland Air, Qatar Airways, Air France, Singapore Airlines, Condor, Turkish Airlines

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	10/08/2022 04:20	China Airlines Cargo	CAL5285	B744	98.019
SEA12	11/08/2022 04:55	Korean Air Cargo	KAL234	B748	91.152
SEA12	11/12/2022 00:08	Delta Air Lines	DAL845	B763	91.573
SEA12	11/13/2022 00:06	Delta Air Lines	DAL845	B763	91.543
SEA12	11/14/2022 00:13	Delta Air Lines	DAL845	B763	91.794
SEA12	11/16/2022 00:19	Delta Air Lines	DAL845	B763	91.804
SEA12	11/17/2022 00:04	United Airlines	UAL2497	B739	91.072
SEA12	11/17/2022 00:22	Delta Air Lines	DAL845	B763	92.054
SEA12	11/29/2022 00:04	Delta Air Lines	DAL845	B763	91.196
SEA12	12/12/2022 01:15	China Airlines Cargo	CAL5171	B744	99.712
SEA12	12/13/2022 03:18	China Airlines Cargo	CAL5393	B77L	92.376
SEA12	12/15/2022 00:35	Alaska Airlines	ASA185	B739	91.249
SEA12	12/15/2022 01:54	China Airlines Cargo	CAL5261	B744	98.291
SEA12	12/15/2022 02:46	Cargolux	CLX26M	B748	93.335
SEA12	12/15/2022 04:41	FedEx Express	FDX880	MD11	91.408
SEA12	12/16/2022 00:07	Alaska Airlines	ASA385	B739	91.295
SEA12	12/16/2022 00:39	Alaska Airlines	ASA76	B739	91.195
SEA12	12/16/2022 03:04	Kalitta Air	CKS315D	B744	95.7
SEA12	12/19/2022 00:25	Asiana Airlines Cargo	AAR241	B744	98.565
SEA12	12/22/2022 00:38	Cargolux	CLX26M	B748	91.436
SEA12	12/22/2022 02:08	Asiana Airlines Cargo	AAR241	B744	95.1

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	10/04/2022 03:13	China Airlines Cargo	CAL5171	B744	92.351
SEA19	10/05/2022 04:09	China Airlines Cargo	CAL5235	B744	93.326
SEA19	10/11/2022 00:31	Cargolux	CLX46U	B744	93.178
SEA19	10/20/2022 00:01	Korean Air Cargo	KAL262	B748	95.056
SEA19	10/25/2022 04:58	China Airlines Cargo	CAL5235	B744	98.38
SEA19	10/26/2022 00:00	China Airlines Cargo	CAL5235	B744	93.592
SEA19	10/27/2022 02:57	Cargolux	CLX38B	B744	94.969
SEA19	10/29/2022 04:51	China Airlines Cargo	CAL5285	B744	98.677
SEA19	11/01/2022 01:56	China Airlines Cargo	CAL5171	B744	98.008
SEA19	11/03/2022 00:36	Cargolux	CLX26M	B744	97.051
SEA19	11/05/2022 04:17	China Airlines Cargo	CAL5235	B744	98.29
SEA19	11/06/2022 00:31	Cargolux	CLX14K	B744	92.239
SEA19	11/07/2022 00:16	United Airlines	UAL2379	B739	91.036
SEA19	11/16/2022 04:50	China Airlines Cargo	CAL5241	B744	98.001
SEA19	11/21/2022 01:12	China Airlines Cargo	CAL5171	B744	95.691
SEA19	11/23/2022 00:21	Delta Air Lines	DAL845	B763	92.28
SEA19	11/23/2022 02:49	China Airlines Cargo	CAL5241	B744	98.89
SEA19	11/25/2022 04:31	Korean Air Cargo	KAL234	B748	92.229
SEA19	11/26/2022 00:14	Delta Air Lines	DAL845	B763	91.453
SEA19	11/27/2022 00:26	Delta Air Lines	DAL845	B763	91.187
SEA19	11/28/2022 03:26	China Airlines Cargo	CAL5171	B744	93.747
SEA19	11/30/2022 01:05	Alaska Airlines	ASA76	B739	91.256
SEA19	11/30/2022 01:43	China Airlines Cargo	CAL5171	B744	95.919
SEA19	12/01/2022 00:51	Cargolux	CLX26M	B744	95.733
SEA19	12/02/2022 04:18	China Airlines Cargo	CAL5389	B744	97.972
SEA19	12/03/2022 00:57	Alaska Airlines	ASA818	B739	91.029
SEA19	12/06/2022 03:04	China Airlines Cargo	CAL5235	B744	96.302
SEA19	12/10/2022 03:07	China Airlines Cargo	CAL5235	B744	96.242
SEA19	12/11/2022 01:25	Cargolux	CLX14K	B744	95.186
SEA19	12/13/2022 01:52	China Airlines Cargo	CAL5122	B744	93.508
SEA19	12/13/2022 04:54	Atlas Air	GTI8642	B748	91.944
SEA19	12/18/2022 00:15	Delta Air Lines	DAL251	A339	93.503
SEA19	12/18/2022 00:42	Cargolux	CLX14K	B744	95.133
SEA19	12/24/2022 00:54	Asiana Airlines Cargo	AAR241	B744	94.714
SEA19	12/25/2022 00:31	Cargolux	CLX14K	B744	95.494
SEA19	12/27/2022 01:08	United Airlines	UAL2379	B739	91.372
SEA19	12/30/2022 00:19	Alaska Airlines	ASA86	B739	91.496
SEA19	12/31/2022 00:33	United Airlines	UAL2180	B739	91.087

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	10/04/2022 03:54	FedEx Express	FDX1885	MD11	88.875
SEA12	10/05/2022 04:01	FedEx Express	FDX1885	MD11	91.118
SEA12	10/17/2022 00:08	Air Transport Intl'	ATN3569	B763	88.809
SEA12	10/17/2022 02:26	Air Transport Intl'	ATN3401	B763	88.519
SEA12	10/18/2022 03:59	FedEx Express	FDX1885	MD11	90.9
SEA12	10/18/2022 04:12	Korean Air Cargo	KAL233	B748	89.08
SEA12	10/20/2022 04:18	FedEx Express	FDX1885	MD11	89.314
SEA12	10/21/2022 03:54	Korean Air Cargo	KAL233	B748	88.989
SEA12	10/21/2022 03:58	FedEx Express	FDX1885	MD11	88.578
SEA12	10/22/2022 02:45	Korean Air Cargo	KAL8233	B748	90.251
SEA12	10/23/2022 02:02	Cargolux	CLX38F	B748	88.452
SEA12	10/23/2022 03:30	FedEx Express	FDX710	MD11	88.373
SEA12	10/24/2022 04:27	ABX Air	ABX804	B763	89.035
SEA12	10/25/2022 03:53	FedEx Express	FDX1885	MD11	89.604
SEA12	10/25/2022 04:13	Korean Air Cargo	KAL233	B748	90.495
SEA12	10/25/2022 05:00	FedEx Express	FDX1717	B763	89.589
SEA12	10/26/2022 00:09	Air Transport Intl'	ATN3569	B763	88.864
SEA12	10/26/2022 03:56	FedEx Express	FDX1885	MD11	89.256
SEA12	10/27/2022 01:02	Air Transport Intl'	ATN3569	B763	91.22
SEA12	10/27/2022 02:46	Air Transport Intl'	ATN3401	B763	90.644
SEA12	10/27/2022 03:53	FedEx Express	FDX1885	MD11	91.265
SEA12	10/28/2022 00:06	Air Transport Intl'	ATN3569	B763	88.52
SEA12	10/28/2022 02:50	Air Transport Intl'	ATN3401	B763	90.311
SEA12	10/28/2022 03:38	FedEx Express	FDX1885	MD11	91.96
SEA12	10/28/2022 03:59	Korean Air Cargo	KAL233	B748	90.512
SEA12	10/29/2022 03:55	FedEx Express	FDX1885	MD11	89.837
SEA12	10/29/2022 04:26	Korean Air Cargo	KAL8233	B748	88.289
SEA12	10/30/2022 00:10	Air Transport Intl'	ATN3569	B763	88.329
SEA12	10/30/2022 03:32	FedEx Express	FDX710	MD11	88.795
SEA12	10/31/2022 04:13	ABX Air	ABX804	B763	89.939
SEA12	11/02/2022 02:16	Air Transport Intl'	ATN3401	B763	88.31

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	11/02/2022 04:04	FedEx Express	FDX1885	MD11	89.826
SEA12	11/02/2022 04:29	China Airlines Cargo	CAL5235	B744	91.577
SEA12	11/03/2022 04:09	FedEx Express	FDX1885	MD11	88.363
SEA12	11/04/2022 03:59	China Cargo Airlines	CKK227	B77L	90.453
SEA12	11/04/2022 04:04	FedEx Express	FDX1885	MD11	91.303
SEA12	11/05/2022 03:43	Korean Air Cargo	KAL8233	B748	88.029
SEA12	11/05/2022 04:03	FedEx Express	FDX1885	MD11	88.539
SEA12	11/06/2022 00:15	Air Transport Intl'	ATN3324	B763	88.233
SEA12	11/06/2022 04:08	FedEx Express	FDX710	MD11	90.047
SEA12	11/07/2022 02:47	Air Transport Intl'	ATN3308	B763	88.373
SEA12	11/07/2022 04:50	China Airlines Cargo	CAL5171	B744	89.456
SEA12	11/11/2022 04:27	Korean Air Cargo	KAL233	B748	88.387
SEA12	11/16/2022 04:07	FedEx Express	FDX1885	MD11	90.052
SEA12	11/22/2022 04:04	FedEx Express	FDX1885	MD11	89.029
SEA12	11/23/2022 02:48	Air Transport Intl'	ATN3308	B763	90.41
SEA12	11/23/2022 04:06	FedEx Express	FDX1885	MD11	91.71
SEA12	11/23/2022 04:58	FedEx Express	FDX1717	B763	88.428
SEA12	11/25/2022 03:36	China Cargo Airlines	CKK227	B77L	90.008
SEA12	11/25/2022 03:46	FedEx Express	FDX1885	MD11	89.528
SEA12	11/25/2022 04:43	China Cargo Airlines	CKK231	B77L	90.473
SEA12	11/25/2022 04:47	FedEx Express	FDX1717	B763	93.878
SEA12	11/26/2022 00:26	Air Transport Intl'	ATN3324	B763	88.288
SEA12	11/26/2022 02:40	Air Transport Intl'	ATN3308	B763	93.707
SEA12	11/26/2022 03:50	FedEx Express	FDX1885	MD11	91.395
SEA12	11/27/2022 00:26	Air Transport Intl'	ATN3324	B763	91.6
SEA12	11/27/2022 02:42	Air Transport Intl'	ATN3308	B763	91.142
SEA12	11/28/2022 00:24	Air Transport Intl'	ATN3324	B763	88.691
SEA12	11/28/2022 01:14	China Airlines Cargo	CAL5171	B744	89.839
SEA12	11/28/2022 04:33	China Cargo Airlines	CKK231	B77L	88.01
SEA12	11/29/2022 04:11	FedEx Express	FDX1885	MD11	89.761
SEA12	11/30/2022 00:04	Air Transport Intl'	ATN3324	B763	88.169
SEA12	11/30/2022 02:37	China Cargo Airlines	CKK231	B77L	90.223
SEA12	11/30/2022 02:49	Air Transport Intl'	ATN3308	B763	93.91
SEA12	11/30/2022 03:57	China Cargo Airlines	CKK227	B77L	90.425

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	12/01/2022 04:01	FedEx Express	FDX1885	MD11	90.889
SEA12	12/02/2022 03:51	FedEx Express	FDX1885	MD11	89.813
SEA12	12/03/2022 03:31	Korean Air Cargo	KAL8233	B748	89.138
SEA12	12/03/2022 04:01	FedEx Express	FDX1885	MD11	91.445
SEA12	12/05/2022 03:33	China Airlines Cargo	CAL5171	B744	88.207
SEA12	12/06/2022 00:26	China Airlines Cargo	CAL5235	B744	89.02
SEA12	12/06/2022 02:51	Korean Air Cargo	KAL233	B748	88.248
SEA12	12/06/2022 04:10	FedEx Express	FDX1885	MD11	89.255
SEA12	12/07/2022 00:17	Air Transport Intl'	ATN3324	B763	89.435
SEA12	12/07/2022 03:11	China Cargo Airlines	CKK231	B77L	88.642
SEA12	12/07/2022 03:49	FedEx Express	FDX1885	MD11	91.434
SEA12	12/07/2022 04:26	Delta Air Lines	DAL9973	B764	88.417
SEA12	12/08/2022 02:28	Air Transport Intl'	ATN3308	B763	89.56
SEA12	12/08/2022 03:07	China Cargo Airlines	CKK227	B77L	89.828
SEA12	12/08/2022 03:15	China Airlines Cargo	CAL5261	B744	89.203
SEA12	12/08/2022 03:44	FedEx Express	FDX1885	MD11	90.831
SEA12	12/09/2022 03:28	China Cargo Airlines	CKK227	B77L	89.313
SEA12	12/09/2022 03:41	Korean Air Cargo	KAL233	B748	88.597
SEA12	12/09/2022 03:55	FedEx Express	FDX1885	MD11	89.917
SEA12	12/09/2022 04:58	China Cargo Airlines	CKK231	B77L	89.994
SEA12	12/10/2022 00:34	Air Transport Intl'	ATN3324	B763	90.988
SEA12	12/10/2022 02:43	Air Transport Intl'	ATN3308	B763	89.536
SEA12	12/10/2022 03:20	China Cargo Airlines	CKK227	B77L	90.369
SEA12	12/10/2022 04:07	FedEx Express	FDX1885	MD11	90.911
SEA12	12/11/2022 02:25	Air Transport Intl'	ATN3308	B763	88.578
SEA12	12/13/2022 04:33	FedEx Express	FDX1885	MD11	89.579
SEA12	12/16/2022 04:08	FedEx Express	FDX1885	MD11	88.509
SEA12	12/17/2022 03:26	Atlas Air	GTI8534	B763	88.153
SEA12	12/17/2022 03:54	FedEx Express	FDX1885	MD11	91.132
SEA12	12/18/2022 00:05	Kalitta Air	CKS315	B744	89.374
SEA12	12/18/2022 00:11	Air Transport Intl'	ATN3324	B763	90.883
SEA12	12/20/2022 03:17	Korean Air Cargo	KAL233	B748	90.596
SEA12	12/20/2022 04:21	FedEx Express	FDX1885	MD11	91.311

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	12/20/2022 04:57	Alaska Airlines	ASA156	B739	88.029
SEA12	12/24/2022 03:28	China Cargo Airlines	CKK231	B77L	90.125
SEA12	12/25/2022 01:24	FedEx Express	FDX3954	B763	88.19
SEA12	12/25/2022 03:36	China Cargo Airlines	CKK227	B77L	89.782
SEA12	12/27/2022 00:14	Air Transport Intl'	ATN3324	B763	88.779
SEA12	12/29/2022 00:19	Air Transport Intl'	ATN3324	B763	88.268
SEA12	12/29/2022 02:08	Air Transport Intl'	ATN3308	B763	88.197
SEA12	12/30/2022 02:13	Air Transport Intl'	ATN3308	B763	89.224
SEA12	12/30/2022 03:46	Korean Air Cargo	KAL233	B748	89.895
SEA12	12/30/2022 03:54	Alaska Airlines	ASA156	B739	88.738
SEA12	12/30/2022 04:00	FedEx Express	FDX1885	MD11	93.711
SEA12	12/30/2022 04:32	Hawaiian Airlines	HAL28	A332	89.092
SEA12	12/30/2022 04:53	Alaska Airlines	ASA88	B739	88.03
SEA12	12/31/2022 00:43	Air Transport Intl'	ATN3324	B763	89.359
SEA12	12/31/2022 02:40	Korean Air Cargo	KAL8233	B748	89.834
SEA12	12/31/2022 02:58	Air Transport Intl'	ATN3308	B763	91.641
SEA12	12/31/2022 03:23	China Cargo Airlines	CKK227	B77L	89.925
SEA12	12/31/2022 04:13	FedEx Express	FDX1885	MD11	89.202

Aircraft Arrivals Exceeding 82 dB SEL at Noise Monitor 13

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA13	10/11/2022 03:58	FedEx Express	FDX1885	MD11	86.422
SEA13	11/27/2022 00:21	Horizon Air	QXE2570	E75L	82.332
SEA13	11/28/2022 00:52	Southwest Airlines	SWA1644	B738	82.088
SEA13	11/30/2022 00:21	Alaska Airlines	ASA751	B738	83.82
SEA13	12/03/2022 00:32	Air Transport Intl'	ATN3324	B763	82.361
SEA13	12/18/2022 00:00	United Airlines	UAL1393	B739	83.662
SEA13	12/20/2022 00:23	Air Transport Intl'	ATN3324	B763	82.708
SEA13	12/20/2022 02:19	China Airlines Cargo	CAL5171	B744	83.617
SEA13	12/26/2022 00:45	Alaska Airlines	ASA21	B739	82.784

Aircraft Arrivals Exceeding 89 dB SEL at Noise Monitor 18

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA18	11/14/2022 00:27	Air Transport intl'	ATN3324	B763	91.108
SEA18	11/15/2022 02:24	Air Transport intl'	ATN3308	B763	89.15
SEA18	11/15/2022 02:28	Korean Air Cargo	KAL233	B748	90.591
SEA18	12/19/2022 00:54	Air Transport intl'	ATN3324	B763	90.311
SEA18	12/21/2022 00:30	Air Transport intl'	ATN3324	B763	89.939

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	AC Type	SEL Noise Level
SEA19	10/01/2022 02:29	Korean Air Cargo	KAL8233	B748	88.168
SEA19	10/01/2022 03:50	FedEx Express	FDX1885	MD11	89.322
SEA19	10/02/2022 02:10	Air Transport Intl'	ATN3401	B763	89.279
SEA19	10/02/2022 03:26	FedEx Express	FDX710	MD11	88.868
SEA19	10/08/2022 04:12	FedEx Express	FDX1885	DC10	89.325
SEA19	10/13/2022 03:50	FedEx Express	FDX1885	MD11	90.536
SEA19	10/14/2022 03:50	FedEx Express	FDX1885	MD11	88.945
SEA19	10/14/2022 04:21	Korean Air Cargo	KAL233	B744	91.344
SEA19	10/15/2022 02:36	Korean Air Cargo	KAL8233	B748	90.528
SEA19	10/15/2022 03:45	FedEx Express	FDX1885	MD11	88.498
SEA19	10/22/2022 03:53	FedEx Express	FDX1885	MD11	89.26
SEA19	10/31/2022 02:33	China Airlines Cargo	CAL5171	B744	90.6
SEA19	11/01/2022 03:37	Korean Air Cargo	KAL233	B748	88.263
SEA19	11/01/2022 03:58	FedEx Express	FDX1885	MD11	89.306
SEA19	11/08/2022 02:30	Korean Air Cargo	KAL233	B748	88.555
SEA19	11/08/2022 02:47	Air Transport Intl'	ATN3308	B763	91.224
SEA19	11/08/2022 04:15	FedEx Express	FDX1885	MD11	90.581
SEA19	11/08/2022 04:50	China Cargo Airlines	CKK227	B77L	89.395
SEA19	11/14/2022 02:41	Air Transport Intl'	ATN3308	B763	89.954

Noise Monitor	Date/Time	Airline	Flight Number	AC Type	SEL Noise Level
SEA19	11/14/2022 04:04	ABX Air	ABX804	B763	88.824
SEA19	11/14/2022 04:42	China Cargo Airlines	CKK231	B77L	89.125
SEA19	11/14/2022 05:00	Air Transport Intl'	ATN1917	B763	88.395
SEA19	11/15/2022 04:06	FedEx Express	FDX1885	MD11	88.222
SEA19	12/02/2022 01:37	China Airlines Cargo	CAL5389	B744	88.889
SEA19	12/12/2022 02:15	Air Transport Intl'	ATN3308	B763	88.225
SEA19	12/12/2022 03:07	China Airlines Cargo	CAL5239	B744	91.483
SEA19	12/12/2022 03:49	China Cargo Airlines	CKK227	B77L	89.373
SEA19	12/12/2022 04:23	ABX Air	ABX804	B763	88.752
SEA19	12/14/2022 04:23	FedEx Express	FDX1885	MD11	90.45
SEA19	12/15/2022 00:11	Air Transport Intl'	ATN3324	B763	88.165
SEA19	12/15/2022 03:39	China Cargo Airlines	CKK227	B77L	88.511
SEA19	12/15/2022 03:54	FedEx Express	FDX1885	MD11	89.641
SEA19	12/21/2022 03:26	China Cargo Airlines	CKK227	B77L	88.247
SEA19	12/21/2022 04:35	FedEx Express	FDX1885	MD11	89.097