

Total Airline Operations and Exceedances During Late Night Hours in 4th Quarter 2023

PAX = passenger airline

CRG = cargo airline

Airline Code	Airline Name	Type*	Total Operations	Total Number of Exceedances	Percent of Operations
AAL	American Airlines	PAX	329	2	1%
AAR	Asiana Airlines Cargo	CRG	9	8	89%
ABX	ABX Air	CRG	13	1	8%
ACA	Air Canada	PAX	5	0	0%
ASA	Alaska Airlines	PAX	914	3	Less than 1%
ATN	Air Transport Intl' (Amazon)	CRG	302	23	8%
BOX	Aerologic	CRG	9	0	0%
CAL	China Airlines Cargo	CRG	54	18	33%
CFG	Condor	PAX	1	0	0%
CKK	China Cargo Airlines	CRG	59	27	46%
CKS	Kalitta Air	CRG	6	4	67%
CLX	Cargolux	CRG	14	9	64%
DAL	Delta Air Lines	PAX	313	0	0%
EVA	EVA Air	PAX	147	21	14%
FDX	FedEx Express	CRG	69	24	35%
FFT	Frontier Airlines	PAX	24	0	0%
GTI	Atlas Air	PAX	10	2	20%
HAL	Hawaiian Airlines	PAX	9	0	0%
ICE	Iceland Air	PAX	1	0	0%
JBU	JetBlue	PAX	95	0	0%
KAL	Korean Air Cargo	CRG	31	20	65%
KYE	Sky Lease Cargo	CRG	1	1	100%
NCR	National Airlines	CRG	2	1	50%
NKS	Spirit Airlines	PAX	3	0	0%
OAE	Omni Air	PAX	3	0	0%
QXE	Horizon Air	PAX	27	0	0%
SCX	Sun Country	PAX	17	0	0%
SKW	SkyWest Airlines	PAX	45	0	0%
SWA	Southwest Airlines	PAX	93	0	0%
UAL	United Airlines	PAX	233	3	1%
Totals			2838	167	6%

Airlines With No Operations During Late Night Hours:

Lufthansa, Japan Airlines, Emirates Airlines, Virgin Atlantic, Aeromexico, Aer Lingus, Finnair, Air Tahiti Nui, All Nippon Airways
Jazz Aviation, Qatar Airways, Air France, Singapore Airlines, Turkish Airlines, British Airways, Volaris

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA12	10/06/2023 01:43	EVA Airways	EVA659	B77L	34R	91.35
SEA12	10/07/2023 01:26	American Airlines	AAL1565	A21N	34R	92.769
SEA12	10/16/2023 00:13	United Airlines	UAL2379	B739	34R	91.391
SEA12	10/16/2023 00:31	American Airlines	AAL835	A321	34R	92.478
SEA12	10/20/2023 01:32	EVA Airways	EVA659	B77L	34R	93.007
SEA12	10/26/2023 00:08	Cargolux	CLX38B	B748	34R	93.305
SEA12	10/26/2023 04:20	Sky Lease Cargo	KYE9515	B744	34R	93.448
SEA12	11/17/2023 00:23	National Airlines	NCR524	B744	34R	96.013
SEA12	11/23/2023 01:40	Cargolux	CLX26M	B744	34R	97.433
SEA12	11/26/2023 00:11	EVA Airways	EVA023	B77W	34R	92.928
SEA12	11/26/2023 00:14	Sun Country Airlines	SCX290	B738	34R	91.072
SEA12	11/26/2023 00:17	United Airlines	UAL2379	B739	34R	91.328

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA19	10/03/2023 00:46	United Airlines	UAL2379	B739	16L	92.156
SEA19	10/08/2023 04:28	EVA Airways	EVA625	B77L	16L	91.562
SEA19	10/08/2023 04:38	China Airlines Cargo	CAL5241	B744	16L	98.201
SEA19	10/24/2023 03:19	China Airlines Cargo	CAL5235	B744	16L	94.136
SEA19	11/01/2023 00:43	EVA Airways	EVA023	B77W	16L	91.172
SEA19	11/03/2023 00:16	EVA Airways	EVA023	B77W	16L	92.35
SEA19	11/06/2023 01:33	Asiana Airlines Cargo	AAR241	B744	16L	97.307
SEA19	11/09/2023 00:41	Asiana Airlines Cargo	AAR241	B744	16L	96.844
SEA19	11/10/2023 00:04	EVA Airways	EVA023	B77W	16L	91.899
SEA19	11/11/2023 01:47	Korean Air Cargo	KAL284	B748	16L	92.873
SEA19	11/12/2023 00:08	Kalitta Air	CKS917	B744	16L	95.543
SEA19	11/12/2023 00:21	EVA Airways	EVA023	B77W	16L	91.552
SEA19	11/13/2023 00:12	Alaska Airlines	ASA63	B737	16L	91.032
SEA19	11/15/2023 00:02	EVA Airways	EVA023	B77W	16L	91.637
SEA19	11/15/2023 03:33	Asiana Airlines Cargo	AAR243	B744	16L	95.951
SEA19	11/19/2023 00:01	EVA Airways	EVA023	B77W	16L	92.037
SEA19	11/20/2023 00:54	Asiana Airlines Cargo	AAR241	B744	16L	95.144
SEA19	11/20/2023 03:58	China Airlines Cargo	CAL5381	B77L	16L	91.83
SEA19	11/21/2023 01:25	Cargolux	CLX81F	B744	16L	91.374
SEA19	11/22/2023 04:39	Asiana Airlines Cargo	AAR243	B744	16L	98.093
SEA19	11/29/2023 00:14	EVA Airways	EVA023	B77W	16L	92.535
SEA19	11/30/2023 04:33	China Airlines Cargo	CAL5381	B77L	16L	91.146
SEA19	12/01/2023 04:30	China Airlines Cargo	CAL5235	B744	16L	95.229
SEA19	12/03/2023 04:31	Cargolux	CLX14K	B744	16L	93.944
SEA19	12/04/2023 03:27	China Airlines Cargo	CAL5381	B77L	16L	92.757
SEA19	12/05/2023 01:21	China Airlines Cargo	CAL5235	B744	16L	96.487
SEA19	12/07/2023 01:23	Cargolux	CLX26M	B744	16L	94.23
SEA19	12/07/2023 01:44	China Airlines Cargo	CAL5381	B77L	16L	92.34
SEA19	12/09/2023 02:43	China Airlines Cargo	CAL5381	B77L	16L	91.128
SEA19	12/11/2023 02:31	China Airlines Cargo	CAL5381	B77L	16L	92.184
SEA19	12/12/2023 00:14	China Airlines Cargo	CAL5231	B744	16L	94.324
SEA19	12/12/2023 02:11	Cargolux	CLX81F	B744	16L	93.29
SEA19	12/14/2023 00:00	Cargolux	CLX26M	B748	16L	92.241
SEA19	12/14/2023 04:03	China Airlines Cargo	CAL5381	B77L	16L	91.269
SEA19	12/15/2023 00:02	EVA Airways	EVA023	B77W	16L	92.24
SEA19	12/19/2023 04:21	China Airlines Cargo	CAL5235	B744	16L	98.041
SEA19	12/21/2023 00:41	Cargolux	CLX26M	B744	16L	92.962
SEA19	12/22/2023 00:13	EVA Airways	EVA023	B77W	16L	92.104
SEA19	12/23/2023 03:46	China Airlines Cargo	CAL5381	B77L	16L	91.776

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA12	10/11/2023 02:09	Air Transport Intl'	ATN3364	B763	16L	93.831
SEA12	10/17/2023 04:09	Korean Air Cargo	KAL233	B748	16L	89.875
SEA12	10/22/2023 02:45	Air Transport Intl'	ATN3364	B763	16L	88.103
SEA12	10/24/2023 04:16	Korean Air Cargo	KAL233	B748	16L	90.548
SEA12	11/02/2023 03:51	FedEx Express	FDX1885	B763	16C	90.023
SEA12	11/07/2023 03:36	China Airlines Cargo	CAL5235	B744	16L	88.613
SEA12	11/07/2023 03:57	China Cargo Airlines	CKK227	B77L	16L	88.86
SEA12	11/07/2023 04:14	FedEx Express	FDX1885	B763	16L	88.517
SEA12	11/07/2023 04:22	Korean Air Cargo	KAL233	B748	16L	88.553
SEA12	11/08/2023 04:07	China Cargo Airlines	CKK227	B77L	16L	88.339
SEA12	11/10/2023 03:38	Korean Air Cargo	KAL233	B748	16L	88.29
SEA12	11/10/2023 03:53	FedEx Express	FDX1885	B763	16L	89.027
SEA12	11/10/2023 03:58	China Cargo Airlines	CKK227	B77L	16L	88.704
SEA12	11/11/2023 00:49	EVA Airways	EVA697	B77L	16L	88.014
SEA12	11/11/2023 01:33	Air Transport Intl'	ATN3530	B763	16L	90.234
SEA12	11/11/2023 03:04	Kalitta Air	CKS917	B744	16L	92.745
SEA12	11/11/2023 03:36	Air Transport Intl'	ATN3364	B763	16L	88.519
SEA12	11/11/2023 04:00	China Cargo Airlines	CKK227	B77L	16L	90.508
SEA12	11/11/2023 04:04	Asiana Airlines Cargo	AAR242	B744	16L	94.232
SEA12	11/11/2023 04:13	Air Transport Intl'	ATN6705	B763	16L	88.419
SEA12	11/12/2023 00:00	Air Transport Intl'	ATN3530	B763	16L	88.452
SEA12	11/13/2023 03:37	China Cargo Airlines	CKK227	B77L	16L	89.254
SEA12	11/15/2023 01:57	Asiana Airlines Cargo	AAR244	B744	16L	88.524
SEA12	11/15/2023 04:25	China Cargo Airlines	CKK227	B77L	16L	88.487
SEA12	11/18/2023 03:38	China Cargo Airlines	CKK227	B77L	16L	88.085
SEA12	11/18/2023 04:00	Korean Air Cargo	KAL233	B748	16L	88.138
SEA12	11/19/2023 03:56	China Cargo Airlines	CKK227	B77L	16L	88.677
SEA12	11/21/2023 03:44	FedEx Express	FDX1885	B763	16L	88.018
SEA12	11/22/2023 03:17	EVA Airways	EVA662	B77L	16L	88.338
SEA12	11/22/2023 03:53	FedEx Express	FDX1885	B763	16L	88.789
Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level

SEA12	11/28/2023 04:10	FedEx Express	FDX1885	MD11	16L	90.688
SEA12	11/29/2023 03:57	FedEx Express	FDX1885	MD11	16L	88.556
SEA12	12/01/2023 00:21	Air Transport Intl'	ATN3324	B763	16L	91.324
SEA12	12/01/2023 01:11	China Airlines Cargo	CAL5235	B744	16L	89.912
SEA12	12/01/2023 03:24	Korean Air Cargo	KAL233	B748	16L	91.793
SEA12	12/01/2023 03:56	FedEx Express	FDX1885	MD11	16L	90.709
SEA12	12/01/2023 04:55	China Cargo Airlines	CKK227	B77L	16L	90.323
SEA12	12/02/2023 00:21	Air Transport Intl'	ATN3530	B763	16L	91.047
SEA12	12/02/2023 02:33	Air Transport Intl'	ATN3364	B763	16L	91.607
SEA12	12/02/2023 03:09	China Airlines Cargo	CAL5390	B77L	16L	93.075
SEA12	12/02/2023 03:33	Korean Air Cargo	KAL233	B748	16L	93.008
SEA12	12/02/2023 03:54	EVA Airways	EVA660	B77L	16L	90.766
SEA12	12/03/2023 03:03	EVA Airways	EVA662	B77L	16L	88.037
SEA12	12/04/2023 04:44	China Cargo Airlines	CKK227	B77L	16L	88.763
SEA12	12/05/2023 02:38	Air Transport Intl'	ATN3364	B763	16L	89.198
SEA12	12/05/2023 03:03	Korean Air Cargo	KAL233	B748	16L	90.534
SEA12	12/05/2023 03:24	EVA Airways	EVA660	B77L	16L	90.68
SEA12	12/05/2023 04:20	FedEx Express	FDX1885	MD11	16L	93.469
SEA12	12/05/2023 04:50	China Cargo Airlines	CKK227	B77L	16L	90.253
SEA12	12/06/2023 02:45	Air Transport Intl'	ATN3364	B763	16L	88.621
SEA12	12/06/2023 03:19	EVA Airways	EVA662	B77L	16L	89.011
SEA12	12/06/2023 03:55	FedEx Express	FDX1885	MD11	16L	89.729
SEA12	12/06/2023 04:41	China Cargo Airlines	CKK227	B77L	16L	88.648
SEA12	12/07/2023 02:53	Air Transport Intl'	ATN3364	B763	16L	90.763
SEA12	12/07/2023 02:58	Atlas Air	GTI8689	B763	16L	88.768
SEA12	12/07/2023 03:54	FedEx Express	FDX1885	MD11	16L	91.884
SEA12	12/07/2023 04:45	EVA Airways	EVA625	B77L	16L	88.659
SEA12	12/07/2023 04:48	China Cargo Airlines	CKK227	B77L	16L	90.196
SEA12	12/08/2023 03:22	Korean Air Cargo	KAL233	B744	16L	91.734
SEA12	12/08/2023 04:06	FedEx Express	FDX1885	MD11	16L	89.419
SEA12	12/08/2023 04:15	China Cargo Airlines	CKK231	B77L	16L	88.781
SEA12	12/10/2023 03:17	Air Transport Intl'	ATN3364	B763	16L	89.313
SEA12	12/12/2023 03:03	Air Transport Intl'	ATN3364	B763	16L	88.129

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA12	12/12/2023 03:39	Korean Air Cargo	KAL233	B748	16L	89.121
SEA12	12/12/2023 04:16	FedEx Express	FDX1885	MD11	16L	90.264
SEA12	12/14/2023 03:44	FedEx Express	FDX1885	MD11	16L	88.281
SEA12	12/14/2023 04:54	China Cargo Airlines	CKK227	B77L	16L	88.004
SEA12	12/15/2023 03:48	FedEx Express	FDX1885	MD11	16L	90.073
SEA12	12/15/2023 03:53	Korean Air Cargo	KAL8233	B744	16L	90.016
SEA12	12/16/2023 04:28	Korean Air Cargo	KAL233	B748	16L	90.819
SEA12	12/17/2023 03:22	China Cargo Airlines	CKK227	B77L	16L	88.914
SEA12	12/18/2023 02:34	Air Transport Intl'	ATN3364	B763	16L	88.247
SEA12	12/18/2023 03:09	China Cargo Airlines	CKK227	B77L	16L	88.564
SEA12	12/19/2023 02:42	Korean Air Cargo	KAL233	B748	16L	91.158
SEA12	12/19/2023 03:43	China Cargo Airlines	CKK227	B77L	16L	88.746
SEA12	12/19/2023 04:01	FedEx Express	FDX1885	MD11	16L	89.023
SEA12	12/20/2023 04:38	FedEx Express	FDX1885	MD11	16L	89.43
SEA12	12/21/2023 04:07	FedEx Express	FDX1885	MD11	16L	92.243
SEA12	12/21/2023 04:29	Kalitta Air	CKS315	B744	16L	88.896
SEA12	12/22/2023 03:19	China Cargo Airlines	CKK227	B77L	16L	89.175
SEA12	12/22/2023 04:43	FedEx Express	FDX1885	MD11	16L	90.356
SEA12	12/23/2023 02:56	Korean Air Cargo	KAL233	B748	16L	91.241
SEA12	12/26/2023 03:44	China Cargo Airlines	CKK227	B77L	16L	89.065
SEA12	12/26/2023 03:48	ABX Air	ABX804	B763	16L	88.231
SEA12	12/27/2023 03:11	Asiana Airlines Cargo	AAR244	B744	16L	90.064
SEA12	12/27/2023 04:47	China Cargo Airlines	CKK227	B77L	16L	88.102
SEA12	12/27/2023 04:51	FedEx Express	FDX1717	MD11	16L	89.836
SEA12	12/28/2023 01:17	China Airlines Cargo	CAL5381	B77L	16L	89.734
SEA12	12/28/2023 02:21	Air Transport Intl'	ATN3364	B763	16L	88.264
SEA12	12/28/2023 03:46	FedEx Express	FDX1885	MD11	16L	91.966
SEA12	12/28/2023 04:14	China Cargo Airlines	CKK227	B77L	16L	89.386
SEA12	12/28/2023 04:53	FedEx Express	FDX1717	MD11	16L	89.417
SEA12	12/30/2023 03:23	Korean Air Cargo	KAL233	B748	16L	88.348
SEA12	12/30/2023 03:52	China Cargo Airlines	CKK227	B77L	16L	88.63
SEA12	12/31/2023 02:04	Air Transport Intl'	ATN3364	B763	16L	88.066
SEA12	12/31/2023 03:44	China Cargo Airlines	CKK227	B77L	16L	88.532
SEA12	12/31/2023 04:31	Cargolux	CLX17K	B748	16L	88.449

Aircraft Arrivals Exceeding 82 dB SEL at Noise Monitor 13

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA13	11/04/2023 00:24	Atlas Air	GTI8245	B744	16R	82.725
SEA13	11/04/2023 02:31	Air Transport Intl'	ATN3364	B763	16R	83.78
SEA13	11/20/2023 00:29	EVA Airways	EVA660	B77L	16R	82.208
SEA13	12/06/2023 00:02	Air Transport Intl'	ATN3324	B763	16R	82.43
SEA13	12/10/2023 00:10	Alaska Airlines	ASA1055	B739	16R	82.679
SEA13	12/12/2023 00:03	Air Transport Intl'	ATN3530	B763	16R	82.614
SEA13	12/13/2023 04:12	FedEx Express	FDX1885	MD11	16R	88.087
SEA13	12/13/2023 04:49	Alaska Airlines	ASA118	B739	16R	83.384
SEA13	12/22/2023 02:23	Air Transport Intl'	ATN3364	B763	16R	83.798
SEA13	12/22/2023 03:29	Kalitta Air	CKS315	B744	16R	82.769

Aircraft Arrivals Exceeding 89 dB SEL at Noise Monitor 18

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA18	11/17/2023 04:03	China Cargo Airlines	CKK227	B77L	34L	89.818

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA19	10/03/2023 04:14	Korean Air Cargo	KAL233	B748	34R	90.418
SEA19	10/05/2023 02:25	Air Transport Intl'	ATN3364	B763	34R	88.077
SEA19	10/06/2023 03:37	Air Transport Intl'	ATN3364	B763	34R	91.219
SEA19	10/06/2023 04:20	Korean Air Cargo	KAL233	B748	34R	89.928
SEA19	10/07/2023 03:53	Korean Air Cargo	KAL8233	B748	34R	90.065
SEA19	10/13/2023 04:06	Korean Air Cargo	KAL233	B748	34R	90.085
SEA19	11/16/2023 03:45	China Cargo Airlines	CKK227	B77L	34R	88.127
SEA19	11/16/2023 04:04	FedEx Express	FDX1885	B763	34R	90.503
SEA19	11/23/2023 03:56	China Cargo Airlines	CKK227	B77L	34R	88.732