

## Total Airline Operations and Exceedances During Late Night Hours in 3rd 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	321	2	1%
AAR	Asiana Airlines Cargo	CRG	18	14	78%
ABX	ABX Air	CRG	13	0	0%
ACA	Air Canada	PAX	8	0	0%
ASA	Alaska Airlines	PAX	1335	0	0%
ATN	Air Transport Intl' (Amazon)	CRG	209	14	7%
BOX	Aerologic	CRG	14	1	7%
CAL	China Airlines Cargo	CRG	38	29	76%
CKS	Kalitta Air	CRG	2	1	50%
CLX	Cargolux	CRG	13	12	92%
DAL	Delta Air Lines	PAX	507	2	Less than 1%
EVA	EVA Air	PAX	104	1	1%
FDX	FedEx Express	CRG	59	12	20%
FFT	Frontier Airlines	PAX	23	0	0%
GTI	Atlas Air	PAX	2	0	0%
HAL	Hawaiian Airlines	PAX	8	0	0%
JBU	JetBlue	PAX	47	0	0%
KAL	Korean Air Cargo	CRG	52	18	35%
KYE	Sky Lease Cargo	CRG	2	1	50%
NCR	National Airlines	CRG	5	4	80%
NKS	Spirit Airlines	PAX	5	0	0%
OAE	Omni Air	PAX	13	0	0%
QXE	Horizon Air	PAX	9	0	0%
SCX	Sun Country	PAX	27	0	0%
SKW	SkyWest Airlines	PAX	24	0	0%
SWA	Southwest Airlines	PAX	230	0	0%
UAL	United Airlines	PAX	444	0	Less than 1%
VOI	Volaris	PAX	2	0	0%
Totals			3534	111	3%

### Airlines With No Operations During Late Night Hours:

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

## Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA12	07/02/2023 02:39	Cargolux	CLX38F	B744	34C	93.673
SEA12	07/03/2023 04:00	Korean Air Cargo	KAL9210	B748	34R	92.33
SEA12	07/06/2023 01:58	China Airlines Cargo	CAL5261	B744	34R	98.026
SEA12	07/06/2023 04:31	Korean Air Cargo	KAL9210	B748	34R	93.401
SEA12	07/14/2023 01:08	Asiana Airlines Cargo	AAR2473	B744	34R	98.208
SEA12	07/16/2023 04:31	Cargolux	CLX38F	B748	34R	92.182
SEA12	07/19/2023 02:11	China Airlines Cargo	CAL5241	B744	34R	98.027
SEA12	07/26/2023 02:41	China Airlines Cargo	CAL5241	B744	34R	98.028
SEA12	07/31/2023 03:02	China Airlines Cargo	CAL5171	B744	34R	96.788
SEA12	07/31/2023 04:10	Korean Air Cargo	KAL9210	B744	34R	101.637
SEA12	08/01/2023 02:52	National Airlines	NCR528	B744	34R	94.251
SEA12	08/02/2023 03:13	China Airlines Cargo	CAL5285	B744	34R	96.842
SEA12	08/03/2023 01:19	Cargolux	CLX38B	B744	34R	96.098
SEA12	08/03/2023 04:40	Korean Air Cargo	KAL9210	B748	34R	94.381
SEA12	08/06/2023 01:15	Cargolux	CLX38F	B744	34R	94.783
SEA12	08/20/2023 00:32	American Airlines	AAL9748	B772	34R	91.044
SEA12	08/20/2023 00:41	Cargolux	CLX38F	B744	34R	96.631
SEA12	08/21/2023 00:12	American Airlines	AAL668	A321	34C	92.479
SEA12	08/24/2023 02:18	Asiana Airlines Cargo	AAR241	B744	34R	96.757
SEA12	08/25/2023 03:23	China Airlines Cargo	CAL5235	B744	34R	96.255
SEA12	08/26/2023 00:13	Korean Air Cargo	KAL234	B744	34R	97.149
SEA12	09/01/2023 04:26	China Airlines Cargo	CAL5241	B744	34R	96.678
SEA12	09/02/2023 02:21	Asiana Airlines Cargo	AAR241	B744	34R	95.582
SEA12	09/07/2023 02:33	Asiana Airlines Cargo	AAR241	B744	34R	95.921
SEA12	09/10/2023 00:11	Cargolux	CLX58M	B744	34R	95.063
SEA12	09/10/2023 01:36	Aerologic	BOX489	B77L	34R	91.266
SEA12	09/14/2023 00:13	EVA Airways	EVA625	B77L	34R	91.314
SEA12	09/19/2023 01:00	Cargolux	CLX46U	B744	34R	92.428
SEA12	09/21/2023 00:35	Cargolux	CLX38B	B748	34R	94.621

## Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA19	07/07/2023 00:50	China Airlines Cargo	CAL5231	B744	16L	93.226
SEA19	07/09/2023 03:35	Asiana Airlines Cargo	AAR2473	B744	16L	98.817
SEA19	07/10/2023 00:29	Asiana Airlines Cargo	AAR241D	B744	16L	92.321
SEA19	07/11/2023 02:10	China Airlines Cargo	CAL5235	B744	16L	98.505
SEA19	07/11/2023 02:52	Kalitta Air	CKS936	B744	16L	95.292
SEA19	07/12/2023 02:23	China Airlines Cargo	CAL5241	B744	16L	99.414
SEA19	07/13/2023 03:27	National Airlines	NCR522	B744	16L	93.848
SEA19	07/24/2023 03:28	Asiana Airlines Cargo	AAR2819	B744	16L	97.832
SEA19	07/24/2023 04:15	Korean Air Cargo	KAL9210	B748	16L	93.529
SEA19	07/24/2023 04:51	China Airlines Cargo	CAL5171	B744	16L	94.855
SEA19	07/25/2023 03:06	China Airlines Cargo	CAL5235	B744	16L	97.427
SEA19	08/07/2023 04:20	Korean Air Cargo	KAL9210	B748	16L	91.011
SEA19	08/09/2023 03:09	China Airlines Cargo	CAL5285	B744	16L	95.789
SEA19	08/19/2023 03:18	Asiana Airlines Cargo	AAR241	B744	16L	95.865
SEA19	08/22/2023 01:04	China Airlines Cargo	CAL5235	B744	16C	91.657
SEA19	08/23/2023 02:04	China Airlines Cargo	CAL5171	B744	16L	93.703
SEA19	08/30/2023 01:24	China Airlines Cargo	CAL5285	B744	16L	96.787
SEA19	08/31/2023 00:00	Cargolux	CLX38B	B744	16L	97.327
SEA19	09/03/2023 00:47	Cargolux	CLX38F	B748	16L	92.658
SEA19	09/05/2023 02:36	Cargolux	CLX46U	B748	16L	91.944
SEA19	09/06/2023 00:08	China Airlines Cargo	CAL5285	B744	16L	96.222
SEA19	09/12/2023 00:39	China Airlines Cargo	CAL5235	B744	16L	96.461
SEA19	09/13/2023 02:21	China Airlines Cargo	CAL5285	B744	16L	98.983
SEA19	09/19/2023 04:48	China Airlines Cargo	CAL5235	B744	16L	97.585
SEA19	09/28/2023 03:13	Asiana Airlines Cargo	AAR241	B744	16L	93.784

## Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA12	07/08/2023 01:32	Air Transport Intl'	ATN3324	B763	16L	89.698
SEA12	07/08/2023 04:57	Korean Air Cargo	KAL8233	B748	16L	89.9
SEA12	07/21/2023 02:54	China Airlines Cargo	CAL5241	B744	16L	88.257
SEA12	07/21/2023 03:44	FedEx Express	FDX1885	B763	16L	88.602
SEA12	07/24/2023 01:12	Asiana Airlines Cargo	AAR2829	B744	16L	90.619
SEA12	07/24/2023 02:26	China Airlines Cargo	CAL5171	B744	16L	89.347
SEA12	07/25/2023 00:35	China Airlines Cargo	CAL5235	B744	16L	88.696
SEA12	07/29/2023 03:25	National Airlines	NCR846	B744	16L	88.624
SEA12	08/29/2023 03:53	FedEx Express	FDX1885	B763	16L	92.057
SEA12	09/03/2023 02:20	Air Transport Intl'	ATN3364	B763	16L	89.647
SEA12	09/05/2023 02:29	Air Transport Intl'	ATN3364	B763	16L	89.504
SEA12	09/08/2023 04:06	Korean Air Cargo	KAL233	B748	16L	89.417
SEA12	09/17/2023 02:18	Air Transport Intl'	ATN3364	B763	16L	88.907
SEA12	09/18/2023 00:44	Cargolux	CLX37F	B748	16L	88.485
SEA12	09/23/2023 03:43	Korean Air Cargo	KAL8233	B748	16L	90.192
SEA12	09/26/2023 03:56	FedEx Express	FDX1885	B763	16L	89.875
SEA12	09/26/2023 04:04	Korean Air Cargo	KAL233	B748	16L	90.408
SEA12	09/27/2023 02:13	Air Transport Intl'	ATN3364	B763	16C	88.274
SEA12	09/27/2023 03:40	FedEx Express	FDX1885	B763	16L	90.041
SEA12	09/28/2023 01:16	Asiana Airlines Cargo	AAR242	B744	16L	88.852
SEA12	09/28/2023 02:24	Air Transport Intl'	ATN3364	B763	16L	93.115
SEA12	09/28/2023 03:49	FedEx Express	FDX1885	B763	16L	91.335

## Aircraft Arrivals Exceeding 82 dB SEL at Noise Monitor 13

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA13	08/23/2023 02:13	Air Transport Intl'	ATN3364	B763	16R	82.429
SEA13	08/23/2023 04:01	FedEx Express	FDX1885	B763	16R	84.089
SEA13	09/26/2023 02:13	Air Transport Intl'	ATN3364	B763	16R	84.461
SEA13	09/26/2023 04:13	China Airlines Cargo	CAL5235	B744	16R	82.407

## Aircraft Arrivals Exceeding 89 dB SEL at Noise Monitor 18

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA18	07/02/2023 00:12	Delta Air Lines	DAL903	B753	34L	89.897
SEA18	08/13/2023 02:25	Air Transport Intl'	ATN3364	B763	34L	91.135
SEA18	08/14/2023 00:20	Delta Air Lines	DAL903	B753	34L	89.264
SEA18	08/17/2023 03:40	FedEx Express	FDX1885	B763	34L	89.014
SEA18	08/17/2023 04:51	FedEx Express	FDX1423	MD11	34L	91.367
SEA18	08/24/2023 00:17	Asiana Airlines Cargo	AAR242	B744	34L	94.332
SEA18	08/25/2023 00:49	China Airlines Cargo	CAL5235	B744	34L	89.278
SEA18	09/01/2023 03:49	FedEx Express	FDX1885	B763	34C	89.564

## Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	Runway	SEL Noise Level
SEA19	07/04/2023 01:58	Air Transport Intl'	ATN3364	B763	34R	88.008
SEA19	07/07/2023 04:35	Korean Air Cargo	KAL233	B748	16C	92.674
SEA19	07/14/2023 02:29	Air Transport Intl'	ATN3364	B763	34R	88.209
SEA19	07/20/2023 02:32	Air Transport Intl'	ATN3364	B763	34R	88.704
SEA19	07/27/2023 02:34	Air Transport Intl'	ATN3364	B763	34R	88.803
SEA19	07/28/2023 02:50	National Airlines	NCR836	B744	34R	89.397
SEA19	07/28/2023 03:13	China Airlines Cargo	CAL5241	B744	34R	88.628
SEA19	07/28/2023 04:24	Korean Air Cargo	KAL233	B744	34R	88.098
SEA19	08/02/2023 00:24	China Airlines Cargo	CAL5285	B744	34R	88.79
SEA19	08/03/2023 01:51	Korean Air Cargo	KAL9210	B748	34R	88.318
SEA19	08/20/2023 02:14	Air Transport Intl'	ATN3364	B763	34R	88.469
SEA19	08/21/2023 02:42	China Airlines Cargo	CAL5285	B744	34R	88.33
SEA19	08/21/2023 03:39	Asiana Airlines Cargo	AAR242	B744	34R	91.517
SEA19	09/01/2023 01:41	China Airlines Cargo	CAL5241	B744	34R	89.067
SEA19	09/01/2023 03:49	FedEx Express	FDX1885	B763	34C	89.473
SEA19	09/02/2023 00:25	Asiana Airlines Cargo	AAR242	B744	34R	89.681
SEA19	09/02/2023 03:51	Korean Air Cargo	KAL8233	B748	34R	88.293
SEA19	09/02/2023 04:59	FedEx Express	FDX1423	MD11	34R	88.377
SEA19	09/09/2023 04:01	Korean Air Cargo	KAL8233	B748	34R	89.574
SEA19	09/19/2023 04:16	Korean Air Cargo	KAL233	B748	34R	90.459
SEA19	09/30/2023 02:47	Sky Lease Cargo	KYE9515	B744	34R	89.47
SEA19	09/30/2023 03:35	Korean Air Cargo	KAL8233	B748	34R	90.419
SEA19	09/30/2023 04:50	FedEx Express	FDX1423	MD11	34R	89.074