

Total Airline Operations and Exceedances During Late Night Hours

PAX = passenger airline

Report for 4th Quarter 2019

CRG = cargo airline

Airline Code	Airline Name	Type*	Total Operations	Total Number of Exceedances	Percent of Operations
AAL	American Airlines	PAX	220	0	0%
ABX	ABX Air	CRG	9	0	0%
ASA	Alaska Airlines	PAX	820	4	Less than 1%
ATN	Air Transport International	CRG	207	19	9%
CAL	China Airlines Cargo	CRG	38	31	82%
CFG	Condor	PAX	1	0	0%
CJT	Cargojet Airways	CRG	10	0	0%
CKS	Kalitta Air	CRG	3	0	0%
CLX	Cargolux	CRG	18	16	89%
CPA	Cathay Pacific	PAX	65	0	0%
CPZ	Compass Airlines	PAX	23	0	0%
DAL	Delta Air Lines	PAX	445	4	1%
EVA	EVA Air	PAX	130	83	64%
FDX	FedEx Express	CRG	98	46	47%
FFT	Frontier Airlines	PAX	30	0	0%
GTI	Atlas Air	CRG	11	7	64%
HAL	Hawaiian Airlines	PAX	14	0	0%
JBU	JetBlue	PAX	98	0	0%
KAL	Korean Air Cargo	CRG	16	5	31%
KYE	Sky Lease Cargo	CRG	1	0	0%
NKS	Spirit Airlines	PAX	41	0	0%
OAE	Omni Air International	PAX	14	1	7%
QXE	Horizon Airlines	PAX	175	0	0%
SCX	Sun Country Airlines	PAX	32	0	0%
SKW	SkyWest Airlines	PAX	21	0	0%
SWA	Southwest Airlines	PAX	196	1	Less than 1%
UAL	United Airlines	PAX	224	3	1%
Totals			2960	220	7%

Airlines With No Operations During Late Night Hours:

British Airways, Lufthansa, Virgin Atlantic, Hainan Airlines, Japan Airlines, All Nippon Airlines, Emirates Airlines, Air Canada, Volaris, Jazz Aviation, Iceland Air, Air France, Aer Lingus, Norwegian Airlines, Singapore Airlines, Asiana Airlines, Aeromexico

Aircraft Departures Exceeding 91dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	10/13/2019 02:24	EVA Air	EVA025	B77W	93.179
SEA12	10/15/2019 01:45	EVA Air	EVA025	B77W	94.187
SEA12	10/23/2019 00:21	Alaska Airlines	ASA10	B739	91.523
SEA12	10/23/2019 01:44	EVA Air	EVA025	B77W	91.823
SEA12	10/23/2019 02:00	China Airlines Cargo	CAL5235	B744	96.394
SEA12	10/24/2019 01:19	EVA Air	EVA003	B77W	92.757
SEA12	10/24/2019 01:24	Cargolux	CLX38B	B748	92.993
SEA12	10/24/2019 01:33	EVA Air	EVA025	B77W	94.029
SEA12	10/27/2019 01:17	Cargolux	CLX38F	B744	93.959
SEA12	10/29/2019 01:30	EVA Air	EVA025	B77W	91.036
SEA12	10/29/2019 02:35	China Airlines Cargo	CAL5261	B744	95.693
SEA12	11/01/2019 01:34	EVA Air	EVA025	B77W	91.269
SEA12	11/02/2019 01:31	Atlas Air	GTI2418	B744	97.702
SEA12	11/02/2019 01:43	EVA Air	EVA025	B77W	91.013
SEA12	11/03/2019 01:33	EVA Air	EVA025	B77W	91.063
SEA12	11/03/2019 01:36	Cargolux	CLX38F	B748	93.591
SEA12	11/04/2019 00:06	EVA Air	EVA003	B77W	91.545
SEA12	11/04/2019 00:37	EVA Air	EVA025	B77W	91.216
SEA12	11/05/2019 00:42	EVA Air	EVA025	B77W	92.254
SEA12	11/05/2019 01:27	China Airlines Cargo	CAL5261	B744	94.824
SEA12	11/06/2019 00:45	EVA Air	EVA025	B77W	91.989
SEA12	11/06/2019 01:22	China Airlines Cargo	CAL5235	B744	95.774
SEA12	11/07/2019 00:03	EVA Air	EVA003	B77W	92.141
SEA12	11/07/2019 00:38	EVA Air	EVA025	B77W	93.82
SEA12	11/14/2019 00:07	EVA Air	EVA003	B77W	92.718
SEA12	11/14/2019 00:09	United Airlines	UAL2112	B739	91.195
SEA12	11/14/2019 01:01	EVA Air	EVA025	B77W	93.412
SEA12	11/20/2019 00:37	EVA Air	EVA025	B77W	91.214
SEA12	11/20/2019 01:44	China Airlines Cargo	CAL5235	B744	96.068
SEA12	11/21/2019 00:18	EVA Air	EVA003	B77W	92.271
SEA12	11/21/2019 00:55	EVA Air	EVA025	B77W	92.149
SEA12	11/28/2019 02:54	Cargolux	CLX38B	B744	93.663
SEA12	11/30/2019 01:01	China Airlines Cargo	CAL5261	B744	97.077

Aircraft Departures Exceeding 91dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	12/01/2019 00:29	EVA Air	EVA025	B77W	91.351
SEA12	12/23/2019 00:02	Alaska Airlines	ASA980	B739	91.225
SEA12	12/23/2019 00:47	EVA Air	EVA025	B77W	91.367

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	10/01/2019 02:17	China Airlines Cargo	CAL5261	B744	94.731
SEA19	10/01/2019 04:55	FedEx Express	FDX637	MD11	91.932
SEA19	10/02/2019 01:51	EVA Air	EVA025	B77W	91.592
SEA19	10/02/2019 01:53	China Airlines Cargo	CAL5235	B744	93.134
SEA19	10/03/2019 01:26	EVA Air	EVA003	B77W	91.753
SEA19	10/05/2019 01:16	EVA Air	EVA003	B77W	92.224
SEA19	10/05/2019 01:36	EVA Air	EVA025	B77W	91.283
SEA19	10/05/2019 02:34	China Airlines Cargo	CAL5261	B744	99.311
SEA19	10/06/2019 01:38	EVA Air	EVA025	B77W	91.735
SEA19	10/06/2019 02:02	Cargolux	CLX38F	B748	94.827
SEA19	10/07/2019 01:25	EVA Air	EVA003	B77W	91.096
SEA19	10/12/2019 02:39	China Airlines Cargo	CAL5261	B744	95.929
SEA19	10/14/2019 01:25	EVA Air	EVA003	B77W	92.299
SEA19	10/15/2019 02:39	China Airlines Cargo	CAL5261	B744	98.98
SEA19	10/16/2019 01:41	EVA Air	EVA025	B77W	91.911
SEA19	10/17/2019 01:18	EVA Air	EVA003	B77W	92.135
SEA19	10/18/2019 01:49	EVA Air	EVA025	B77W	91.728
SEA19	10/19/2019 00:16	Korean Air Cargo	KAL262D	B748	94.235
SEA19	10/19/2019 01:19	EVA Air	EVA003	B77W	92.173
SEA19	10/19/2019 02:08	China Airlines Cargo	CAL5261	B744	97.364
SEA19	10/20/2019 01:40	EVA Air	EVA025	B77W	92.02
SEA19	10/20/2019 02:16	Cargolux	CLX38F	B744	95.902
SEA19	10/21/2019 02:18	EVA Air	EVA025	B77W	91.582
SEA19	10/22/2019 03:52	China Airlines Cargo	CAL5261	B744	94.259
SEA19	10/25/2019 01:44	EVA Air	EVA025	B77W	91.928
SEA19	10/26/2019 01:18	EVA Air	EVA003	B77W	91.676
SEA19	10/26/2019 01:49	EVA Air	EVA025	B77W	93.135
SEA19	10/26/2019 02:13	China Airlines Cargo	CAL5261	B744	98.985
SEA19	11/05/2019 02:59	Atlas Air	GTI8576	B744	94.392
SEA19	11/09/2019 00:22	EVA Air	EVA003	B77W	92.047
SEA19	11/10/2019 02:08	Cargolux	CLX38F	B744	95.359
SEA19	11/12/2019 00:39	EVA Air	EVA025	B77W	92.451
SEA19	11/12/2019 03:11	Cargolux	CLX46U	B744	91.236

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	11/13/2019 00:35	EVA Air	EVA025	B77W	91.766
SEA19	11/13/2019 01:25	China Airlines Cargo	CAL5235	B744	94.589
SEA19	11/14/2019 02:09	Cargolux	CLX38B	B748	92.549
SEA19	11/16/2019 00:10	EVA Air	EVA003	B77W	91.012
SEA19	11/16/2019 01:10	China Airlines Cargo	CAL5261	B744	98.689
SEA19	11/16/2019 01:31	EVA Air	EVA025	B77W	91.791
SEA19	11/16/2019 02:50	Atlas Air	GTI8371	B744	92.42
SEA19	11/17/2019 02:36	Cargolux	CLX38F	B748	93.688
SEA19	11/18/2019 00:34	EVA Air	EVA025	B77W	92.263
SEA19	11/18/2019 03:42	Atlas Air	GTI2418	B744	98.659
SEA19	11/18/2019 04:20	China Airlines Cargo	CAL5281	B744	94.89
SEA19	11/19/2019 00:43	EVA Air	EVA025	B77W	92.101
SEA19	11/19/2019 01:18	China Airlines Cargo	CAL5261	B744	95.851
SEA19	11/19/2019 04:59	Korean Air Cargo	KAL234	B748	95.325
SEA19	11/22/2019 00:33	EVA Air	EVA025	B77W	91.378
SEA19	11/23/2019 00:07	EVA Air	EVA003	B77W	92.046
SEA19	11/23/2019 00:42	EVA Air	EVA025	B77W	91.361
SEA19	11/23/2019 01:09	China Airlines Cargo	CAL5261	B744	96.656
SEA19	11/24/2019 04:07	Korean Air Cargo	KAL8210	B748	95.81
SEA19	11/25/2019 00:03	EVA Air	EVA003	B77W	91.988
SEA19	11/25/2019 00:38	EVA Air	EVA025	B77W	92.256
SEA19	11/26/2019 00:50	EVA Air	EVA025	B77W	91.796
SEA19	12/03/2019 00:45	EVA Air	EVA025	B77W	91.904
SEA19	12/03/2019 01:13	Delta Air Lines	DAL2461	B739	91.072
SEA19	12/04/2019 00:39	EVA Air	EVA025	B77W	91.595
SEA19	12/05/2019 00:04	EVA Air	EVA003	B77W	92.92
SEA19	12/05/2019 00:10	Cargolux	CLX38B	B748	92.29
SEA19	12/05/2019 00:43	EVA Air	EVA025	B77W	92.895
SEA19	12/06/2019 01:46	EVA Air	EVA025	B77W	92.119
SEA19	12/07/2019 00:17	EVA Air	EVA003	B77W	91.107
SEA19	12/07/2019 00:41	EVA Air	EVA025	B77W	92.258
SEA19	12/07/2019 01:20	China Airlines Cargo	CAL5261	B744	99.106
SEA19	12/08/2019 00:44	EVA Air	EVA025	B77W	92.595

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	12/09/2019 00:06	EVA Air	EVA003	B77W	91.222
SEA19	12/09/2019 00:43	EVA Air	EVA025	B77W	91.765
SEA19	12/10/2019 01:43	China Airlines Cargo	CAL5261	B744	96.559
SEA19	12/11/2019 00:43	EVA Air	EVA025	B77W	91.687
SEA19	12/11/2019 02:34	China Airlines Cargo	CAL5235	B744	95.25
SEA19	12/12/2019 00:44	EVA Air	EVA025	B77W	91.314
SEA19	12/12/2019 00:58	Cargolux	CLX38B	B748	92.731
SEA19	12/14/2019 00:06	EVA Air	EVA003	B77W	91.997
SEA19	12/14/2019 00:37	EVA Air	EVA025	B77W	92.338
SEA19	12/14/2019 02:09	China Airlines Cargo	CAL5261	B744	98.598
SEA19	12/15/2019 00:35	EVA Air	EVA025	B77W	93.564
SEA19	12/15/2019 03:07	Cargolux	CLX38F	B748	94.716
SEA19	12/16/2019 00:42	EVA Air	EVA025	B77W	91.205
SEA19	12/17/2019 00:43	EVA Air	EVA025	B77W	92.049
SEA19	12/19/2019 00:09	EVA Air	EVA003	B77W	91.731
SEA19	12/19/2019 00:42	EVA Air	EVA025	B77W	91.202
SEA19	12/20/2019 00:29	FedEx Express	FDX881	MD11	93.919
SEA19	12/20/2019 00:57	EVA Air	EVA025	B77W	91.04
SEA19	12/20/2019 00:59	United Airlines	UAL262	B739	91.214
SEA19	12/21/2019 00:59	United Airlines	UAL1836	B739	91.252
SEA19	12/21/2019 01:01	Alaska Airlines	ASA18	B739	91.671
SEA19	12/21/2019 01:02	EVA Air	EVA025	B77W	91.775
SEA19	12/21/2019 01:43	China Airlines Cargo	CAL5261	B744	98.045
SEA19	12/22/2019 00:56	EVA Air	EVA025	B77W	93.166
SEA19	12/24/2019 00:46	EVA Air	EVA025	B77W	92.033
SEA19	12/24/2019 01:30	China Airlines Cargo	CAL5261	B744	98.156
SEA19	12/25/2019 00:36	EVA Air	EVA025	B77W	92.985
SEA19	12/26/2019 00:23	EVA Air	EVA003	B77W	92.236
SEA19	12/26/2019 00:48	EVA Air	EVA025	B77W	91.666
SEA19	12/27/2019 00:57	EVA Air	EVA025	B77W	91.388
SEA19	12/28/2019 00:25	EVA Air	EVA003	B77W	92.701
SEA19	12/28/2019 00:53	EVA Air	EVA025	B77W	91.749
SEA19	12/28/2019 01:11	China Airlines Cargo	CAL5261	B744	97.39

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	12/29/2019 00:40	EVA Air	EVA025	B77W	92.242
SEA19	12/29/2019 01:42	Cargolux	CLX38F	B748	91.419
SEA19	12/30/2019 00:34	EVA Air	EVA025	B77W	91.849
SEA19	12/30/2019 04:16	China Airlines Cargo	CAL5281	B744	93.798
SEA19	12/31/2019 00:36	EVA Air	EVA025	B77W	91.434

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	10/02/2019 04:29	FedEx Express	FDX1885	MD11	89.274
SEA12	10/03/2019 03:57	FedEx Express	FDX1885	MD11	88.597
SEA12	10/06/2019 03:53	FedEx Express	FDX710	MD11	88.484
SEA12	10/08/2019 04:10	FedEx Express	FDX1885	MD11	88.251
SEA12	10/16/2019 03:53	FedEx Express	FDX1885	MD11	88.052
SEA12	10/20/2019 02:58	Air Transport International	ATN3203	B763	88.017
SEA12	10/20/2019 03:13	FedEx Express	FDX710	MD11	90.448
SEA12	10/21/2019 02:36	Air Transport International	ATN3203	B763	90.137
SEA12	10/21/2019 03:47	China Airlines Cargo	CAL5171	B744	90.205
SEA12	10/22/2019 00:35	Cargolux	CLX46U	B744	88.828
SEA12	10/22/2019 02:32	FedEx Express	FDX9030	DC10	88.676
SEA12	10/22/2019 04:01	FedEx Express	FDX1885	MD11	91.369
SEA12	10/25/2019 04:05	FedEx Express	FDX1885	MD11	89.249
SEA12	11/07/2019 04:08	FedEx Express	FDX1885	MD11	89.394
SEA12	11/13/2019 04:16	FedEx Express	FDX1885	MD11	89.121
SEA12	11/14/2019 04:08	FedEx Express	FDX1885	MD11	91.709
SEA12	11/15/2019 02:41	Air Transport International	ATN3203	B763	88.085
SEA12	11/16/2019 00:40	Atlas Air	GTI2428	B744	88.604
SEA12	11/17/2019 02:53	Air Transport International	ATN3203	B763	88.197
SEA12	11/17/2019 03:41	FedEx Express	FDX710	MD11	89.165
SEA12	11/19/2019 02:35	Korean Air Cargo	KAL233	B748	88.038
SEA12	11/19/2019 02:51	Air Transport International	ATN3203	B763	90.753
SEA12	11/19/2019 03:52	FedEx Express	FDX1885	MD11	89.78
SEA12	11/21/2019 03:49	FedEx Express	FDX1885	MD11	90.905
SEA12	11/22/2019 03:51	FedEx Express	FDX1885	MD11	89.404
SEA12	11/23/2019 04:33	Atlas Air	GTI2428	B744	89.027
SEA12	11/24/2019 02:00	Korean Air Cargo	KAL8210	B748	89.693
SEA12	11/24/2019 02:18	Alaska Airlines	ASA106	B739	89.221
SEA12	11/24/2019 03:38	FedEx Express	FDX710	MD11	88.191
SEA12	11/24/2019 03:43	Air Transport International	ATN3203	B763	88.323
SEA12	11/25/2019 02:29	Air Transport International	ATN3203	B763	88.403
SEA12	11/26/2019 04:20	FedEx Express	FDX1885	MD11	88.091
SEA12	12/03/2019 03:53	FedEx Express	FDX1885	MD11	89.99

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	12/04/2019 02:45	Air Transport International	ATN3203	B763	89.552
SEA12	12/04/2019 04:30	FedEx Express	FDX1885	MD11	91.46
SEA12	12/06/2019 04:05	FedEx Express	FDX1885	MD11	88.607
SEA12	12/07/2019 03:53	FedEx Express	FDX1885	MD11	88.714
SEA12	12/10/2019 04:04	FedEx Express	FDX1885	MD11	88.203
SEA12	12/11/2019 03:46	FedEx Express	FDX1885	MD11	91.212
SEA12	12/12/2019 03:09	Air Transport International	ATN3203	B763	90.305
SEA12	12/12/2019 03:55	FedEx Express	FDX1885	MD11	94.847
SEA12	12/13/2019 02:44	Air Transport International	ATN3203	B763	93.859
SEA12	12/13/2019 04:05	FedEx Express	FDX1885	MD11	93.125
SEA12	12/14/2019 03:59	FedEx Express	FDX1885	MD11	88.348
SEA12	12/15/2019 00:25	Cargolux	CLX38F	B748	89.56
SEA12	12/17/2019 04:41	FedEx Express	FDX1885	MD11	88.417
SEA12	12/19/2019 03:13	Air Transport International	ATN3203	B763	88.836
SEA12	12/20/2019 02:25	Air Transport International	ATN3203	B763	90.722
SEA12	12/21/2019 01:57	Atlas Air	GTI8890	B744	89.062
SEA12	12/21/2019 02:43	Air Transport International	ATN3203	B763	94.794
SEA12	12/21/2019 04:21	FedEx Express	FDX1885	MD11	89.543
SEA12	12/23/2019 01:51	China Airlines Cargo	CAL5281	B744	88.113
SEA12	12/24/2019 04:55	FedEx Express	FDX1885	MD11	89.186
SEA12	12/26/2019 03:22	FedEx Express	FDX1885	MD11	88.624
SEA12	12/26/2019 04:26	FedEx Express	FDX1423	MD11	89.54
SEA12	12/31/2019 02:51	China Airlines Cargo	CAL5261	B744	88.537
SEA12	12/31/2019 03:57	FedEx Express	FDX1885	MD11	89.213

Aircraft Arrivals Exceeding 89 dB SEL at Noise Monitor 13

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA13	10/18/2019 04:30	Delta Air Lines	DAL1690	B753	83.812
SEA13	11/25/2019 00:01	Southwest Airlines	SWA4928	B738	82.36
SEA13	12/03/2019 04:55	Delta Air Lines	DAL1911	B753	83.17
SEA13	12/04/2019 04:44	Delta Air Lines	DAL2215	B753	82.072
SEA13	12/06/2019 02:41	Air Transport International	ATN3203	B763	82.22
SEA13	12/20/2019 00:48	Air Transport International	ATN4774	B763	85.987
SEA13	12/20/2019 01:45	Alaska Airlines	ASA653	B739	82.45

Aircraft Arrivals Exceeding 89 dB SEL at Noise Monitor 18

- No Exceedances in Q4 -

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	10/09/2019 04:10	FedEx Express	FDX1885	MD11	89.86
SEA19	10/10/2019 04:18	FedEx Express	FDX1885	MD11	88.34
SEA19	10/23/2019 02:44	Air Transport International	ATN3203	B763	88.188
SEA19	10/23/2019 04:15	FedEx Express	FDX1885	MD11	89.898
SEA19	10/24/2019 03:39	Air Transport International	ATN3203	B763	88.157
SEA19	10/24/2019 03:58	FedEx Express	FDX1885	MD11	88.895
SEA19	10/27/2019 03:14	FedEx Express	FDX710	MD11	89.385
SEA19	10/31/2019 04:16	FedEx Express	FDX1885	MD11	88.054
SEA19	11/01/2019 04:09	FedEx Express	FDX1885	MD11	89.926
SEA19	11/02/2019 02:25	Air Transport International	ATN3203	B763	88.174
SEA19	11/03/2019 03:48	FedEx Express	FDX710	MD11	88.783
SEA19	11/04/2019 03:59	China Airlines Cargo	CAL5281	B744	88.654
SEA19	11/06/2019 03:56	FedEx Express	FDX1885	MD11	90.156
SEA19	11/11/2019 02:52	Air Transport International	ATN3203	B763	88.027
SEA19	11/27/2019 04:27	FedEx Express	FDX1885	MD11	89.941
SEA19	12/05/2019 03:58	FedEx Express	FDX1885	MD11	92.029
SEA19	12/05/2019 04:03	Omni Air International	OAE323	B763	88.155