

Total Airline Operations and Exceedances During Late Night Hours in 3rd Quarter 2021

PAX = passenger airline

CRG = cargo airline

Airline Code	Airline Name	Type*	Total Operations	Total Number of Exceedances	Percent of Operations
AAL	American Airlines	PAX	241	0	0%
AAR	Asiana Airlines Cargo	CRG	41	36	88%
ABX	ABX Air	CRG	11	0	0%
AJT	Amerijet	CRG	2	0	0%
ASA	Alaska Airlines	PAX	599	1	Less than 1%
ATN	Air Transport Intl' (Amazon)	CRG	411	21	5%
BOX	Aerologic	CRG	13	1	8%
CAL	China Airlines Cargo	CRG	55	43	78%
CKS	Kalitta Air	CRG	9	5	56%
CLX	Cargolux	CRG	14	11	79%
DAL	Delta Air Lines	PAX	410	17	4%
EVA	EVA Air	PAX	92	0	0%
FDX	FedEx Express	CRG	82	57	70%
FFT	Frontier	PAX	75	0	0%
GTI	Atlas Air	PAX	8	1	13%
HAL	Hawaiian Airlines	PAX	1	0	0%
JBU	JetBlue	PAX	80	0	0%
KAL	Korean Air Cargo	CRG	52	12	23%
OAE	Omni Air	PAX	17	1	6%
QXE	Horizon Airlines	PAX	59	0	0%
SCX	Sun Country	PAX	10	0	0%
SKW	SkyWest Airlines	PAX	83	0	0%
SWA	Southwest Airlines	PAX	194	0	0%
UAL	United Airlines	PAX	157	1	1%
Totals			2716	207	8%

Airlines With No Operations During Late Night Hours:

Lufthansa, Japan Airlines, All Nippon Airlines, Emirates Airlines, Air Canada, British Airway:
Jazz Aviation, Iceland Air, Aeromexico, Volaris, Spirit Airlines, Qatar Airways

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	07/03/2021 04:29	China Airlines Cargo	CAL5171	B744	97.586
SEA12	07/07/2021 00:00	Korean Air Cargo	KAL8024	B77W	91.646
SEA12	07/07/2021 01:47	China Airlines Cargo	CAL5171	B744	99.407
SEA12	07/07/2021 02:22	Asiana Cargo	AAR243	B744	98.116
SEA12	07/10/2021 01:01	Delta Air Lines	DAL845	B763	91.08
SEA12	07/11/2021 00:10	Cargolux	CLX38F	B744	94.846
SEA12	07/11/2021 01:01	Delta Air Lines	DAL845	B763	91.373
SEA12	07/12/2021 02:08	China Airlines Cargo	CAL5381	B744	98.645
SEA12	07/12/2021 03:16	Asiana Cargo	AAR2819	B744	98.816
SEA12	07/13/2021 00:48	Asiana Cargo	AAR2817	B744	99.292
SEA12	07/19/2021 01:56	China Airlines Cargo	CAL5381	B744	98.783
SEA12	07/19/2021 02:30	Asiana Cargo	AAR241	B744	98.599
SEA12	07/22/2021 01:36	Cargolux	CLX38B	B748	94.464
SEA12	07/22/2021 03:30	FedEx Express	FDX29A	MD11	93.399
SEA12	07/22/2021 04:15	Air Transport Intl'	ATN3471	B763	91.195
SEA12	07/23/2021 03:09	Asiana Cargo	AAR2613	B744	96.467
SEA12	07/24/2021 01:07	Delta Air Lines	DAL845	B763	91.021
SEA12	07/24/2021 04:21	China Airlines Cargo	CAL5171	B744	98.048
SEA12	07/26/2021 02:25	China Airlines Cargo	CAL5381	B744	98.191
SEA12	07/26/2021 04:17	Asiana Cargo	AAR2819	B744	97.226
SEA12	07/28/2021 01:51	China Airlines Cargo	CAL5171	B744	96.966
SEA12	08/01/2021 00:01	United Airlines	UAL1695	B738	91.197
SEA12	08/02/2021 00:03	Alaska Airlines	ASA349	B739	92.103
SEA12	08/02/2021 01:05	Delta Air Lines	DAL845	B763	92.153
SEA12	08/02/2021 04:43	China Airlines Cargo	CAL5381	B744	98.446
SEA12	08/04/2021 01:54	China Airlines Cargo	CAL5171	B744	94.259
SEA12	08/05/2021 02:39	Cargolux	CLX38B	B748	93.347
SEA12	08/11/2021 01:28	China Airlines Cargo	CAL5171	B744	98.104
SEA12	08/12/2021 01:40	Asiana Cargo	AAR241	B744	95.677

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	08/24/2021 00:40	Delta Air Lines	DAL845	B763	91.005
SEA12	08/24/2021 01:39	China Airlines Cargo	CAL5235	B744	93.292
SEA12	08/24/2021 03:50	Cargolux	CLX46U	B744	96.495
SEA12	08/25/2021 01:48	China Airlines Cargo	CAL5171	B744	93.653
SEA12	08/28/2021 04:25	Asiana Cargo	AAR241	B744	96.752
SEA12	08/29/2021 00:45	Delta Air Lines	DAL845	B763	91.456
SEA12	08/29/2021 01:10	China Airlines Cargo	CAL5241	B744	96.319
SEA12	08/30/2021 00:38	Delta Air Lines	DAL845	B763	91.105
SEA12	08/31/2021 00:52	Delta Air Lines	DAL845	B763	91.676
SEA12	09/01/2021 02:06	China Airlines Cargo	CAL5171	B744	94.891
SEA12	09/02/2021 00:02	Cargolux	CLX38B	B748	92.199
SEA12	09/02/2021 04:32	China Airlines Cargo	CAL5381	B744	97.522
SEA12	09/14/2021 01:44	Delta Air Lines	DAL845	B763	91.849
SEA12	09/22/2021 00:08	Delta Air Lines	DAL845	A333	92.371
SEA12	09/25/2021 01:30	China Airlines Cargo	CAL5235	B744	97.295
SEA12	09/25/2021 02:48	Asiana Cargo	AAR241	B744	96.272

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	07/01/2021 01:02	Delta Air Lines	DAL845	B763	91.305
SEA19	07/01/2021 01:58	Korean Air Cargo	KAL8024	B77W	92.873
SEA19	07/01/2021 04:34	China Airlines Cargo	CAL5239	B744	94.169
SEA19	07/01/2021 04:47	Asiana Cargo	AAR241	B744	98.874
SEA19	07/02/2021 00:43	Asiana Cargo	AAR2613	B744	93.982
SEA19	07/02/2021 01:22	China Airlines Cargo	CAL5239	B744	94.455
SEA19	07/02/2021 01:40	Delta Air Lines	DAL845	B764	91.272
SEA19	07/05/2021 00:19	Asiana Cargo	AAR241	B744	99.279
SEA19	07/05/2021 04:09	Asiana Cargo	AAR2819	B744	95.921
SEA19	07/06/2021 01:02	Korean Air Cargo	KAL8024	B77W	91.777
SEA19	07/06/2021 03:27	China Airlines Cargo	CAL5235	B744	92.387
SEA19	07/08/2021 04:05	China Airlines Cargo	CAL5239	B744	94.038
SEA19	07/09/2021 04:13	China Airlines Cargo	CAL5239	B744	93.772
SEA19	07/14/2021 02:03	Asiana Cargo	AAR243	B744	95.812
SEA19	07/14/2021 04:50	China Airlines Cargo	CAL5283	B744	91.63
SEA19	07/15/2021 01:55	Asiana Cargo	AAR241	B744	98.701
SEA19	07/15/2021 03:11	China Airlines Cargo	CAL5239	B744	93.299
SEA19	07/16/2021 00:01	Delta Air Lines	DAL356	B764	91.369
SEA19	07/16/2021 02:55	Asiana Cargo	AAR2613	B744	95.583
SEA19	07/17/2021 00:34	Asiana Cargo	AAR241	B744	98.533
SEA19	07/20/2021 00:07	Asiana Cargo	AAR2817	B744	98.338
SEA19	07/20/2021 02:44	Cargolux	CLX46U	B744	98.059
SEA19	07/21/2021 01:27	Asiana Cargo	AAR243	B744	98.807
SEA19	07/21/2021 03:48	China Airlines Cargo	CAL5171	B744	94.63
SEA19	08/09/2021 00:43	Asiana Cargo	AAR241	B744	97.825
SEA19	08/09/2021 01:09	Delta Air Lines	DAL845	B763	91.294
SEA19	08/09/2021 04:13	Atlas Air	GTI8624	B744	91.892
SEA19	08/17/2021 00:41	Delta Air Lines	DAL845	B763	91.52

Aircraft Departures Exceeding 91 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA19	08/18/2021 01:09	China Airlines Cargo	CAL5171	B744	94.523
SEA19	08/23/2021 01:58	China Airlines Cargo	CAL5381	B744	96.366
SEA19	08/30/2021 03:15	China Airlines Cargo	CAL5381	B744	94.932
SEA19	08/31/2021 04:39	Cargolux	CLX46U	B748	93.288
SEA19	09/08/2021 04:55	China Airlines Cargo	CAL5235	B744	93.343
SEA19	09/11/2021 00:44	Delta Air Lines	DAL845	B763	91.303
SEA19	09/11/2021 01:02	Asiana Cargo	AAR241	B744	96.21
SEA19	09/15/2021 03:42	China Airlines Cargo	CAL5235	B744	97.848
SEA19	09/18/2021 04:13	Asiana Cargo	AAR241	B744	97.204
SEA19	09/27/2021 02:49	Asiana Cargo	AAR241	B744	96.052
SEA19	09/30/2021 00:06	Cargolux	CLX38B	B748	94.318
SEA19	09/30/2021 00:36	Asiana Cargo	AAR241	B744	94.671

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	07/01/2021 00:37	Asiana Cargo	AAR242	B744	94.549
SEA12	07/04/2021 03:41	FedEx Express	FDX710	MD11	88.213
SEA12	07/04/2021 03:53	Omni Air	OAE252	B763	88.934
SEA12	07/07/2021 05:00	FedEx Express	FDX1885	MD11	89.572
SEA12	07/08/2021 02:03	China Airlines Cargo	CAL5239	B744	91.466
SEA12	07/08/2021 02:25	Air Transport Intl'	ATN3401	B763	88.318
SEA12	07/08/2021 03:59	China Airlines Cargo	CAL5381	B744	89.941
SEA12	07/09/2021 04:13	FedEx Express	FDX1885	MD11	89.206
SEA12	07/15/2021 04:33	FedEx Express	FDX1885	MD11	89.174
SEA12	07/17/2021 04:15	FedEx Express	FDX1885	MD11	90.631
SEA12	07/20/2021 01:51	Air Transport Intl'	ATN3401	B763	88.716
SEA12	07/20/2021 04:03	FedEx Express	FDX1885	MD11	88.333
SEA12	08/06/2021 04:04	FedEx Express	FDX1885	MD11	92.748
SEA12	08/07/2021 03:56	FedEx Express	FDX630	MD11	92.74
SEA12	08/08/2021 04:06	FedEx Express	FDX710	MD11	88.668
SEA12	08/14/2021 03:20	China Airlines Cargo	CAL5171	B744	89.572
SEA12	08/15/2021 03:41	FedEx Express	FDX710	MD11	90.838
SEA12	08/16/2021 03:06	Asiana Cargo	AAR242	B744	91.439
SEA12	08/17/2021 01:03	Cargolux	CLX46U	B744	89.222
SEA12	08/17/2021 03:53	Korean Air Cargo	KAL233	B748	88.219
SEA12	08/17/2021 04:52	FedEx Express	FDX1885	MD11	89.553
SEA12	08/18/2021 04:47	FedEx Express	FDX1885	MD11	88.435
SEA12	08/19/2021 02:51	China Airlines Cargo	CAL5381	B744	89.515
SEA12	08/19/2021 04:30	FedEx Express	FDX1885	MD11	88.602
SEA12	08/20/2021 04:29	FedEx Express	FDX1885	MD11	89.205
SEA12	08/21/2021 04:33	FedEx Express	FDX1885	MD11	88.495
SEA12	08/22/2021 04:40	FedEx Express	FDX710	MD11	88.299
SEA12	08/23/2021 04:53	Kalitta Air	CKS1917	B763	88.265
SEA12	08/26/2021 02:21	Air Transport Intl'	ATN3401	B763	88.201
SEA12	08/26/2021 04:32	China Airlines Cargo	CAL5381	B744	89.238
SEA12	08/27/2021 04:22	FedEx Express	FDX1885	MD11	89.938

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 12

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA12	08/27/2021 04:49	China Airlines Cargo	CAL5241	B744	89.6
SEA12	08/30/2021 04:52	Kalitta Air	CKS1917	B763	89.125
SEA12	08/31/2021 04:19	FedEx Express	FDX1885	MD11	90.731
SEA12	09/08/2021 02:41	China Airlines Cargo	CAL5235	B744	88.61
SEA12	09/09/2021 04:59	FedEx Express	FDX1885	MD11	88.39
SEA12	09/10/2021 04:23	FedEx Express	FDX1885	MD11	90.82
SEA12	09/11/2021 04:21	FedEx Express	FDX1885	MD11	88.491
SEA12	09/17/2021 04:43	FedEx Express	FDX1885	MD11	89.937
SEA12	09/18/2021 01:05	Asiana Cargo	AAR242	B744	97.049
SEA12	09/18/2021 02:22	Air Transport Intl'	ATN3401	B763	93.627
SEA12	09/18/2021 04:01	FedEx Express	FDX1885	MD11	90.639
SEA12	09/19/2021 00:13	Aerologic	BOX489	B77L	88.956
SEA12	09/19/2021 02:19	Air Transport Intl'	ATN3401	B763	89.511
SEA12	09/19/2021 04:33	FedEx Express	FDX710	MD11	89.151
SEA12	09/19/2021 05:00	Delta Air Lines	DAL9977	B764	88.09
SEA12	09/23/2021 04:16	FedEx Express	FDX1885	MD11	89.128
SEA12	09/26/2021 02:32	Air Transport Intl'	ATN3401	B763	89.211
SEA12	09/26/2021 03:39	FedEx Express	FDX710	DC10	89.53
SEA12	09/27/2021 01:14	Asiana Cargo	AAR242	B744	94.805
SEA12	09/27/2021 02:13	Air Transport Intl'	ATN3401	B763	92.883
SEA12	09/28/2021 01:49	Air Transport Intl'	ATN3401	B763	89.254
SEA12	09/28/2021 04:08	Korean Air Cargo	KAL233	B744	88.779
SEA12	09/28/2021 04:45	FedEx Express	FDX1885	MD11	91.807
SEA12	09/29/2021 00:18	Air Transport Intl'	ATN3569	B763	88.762
SEA12	09/29/2021 04:54	FedEx Express	FDX1885	MD11	90.672
SEA12	09/30/2021 00:11	Air Transport Intl'	ATN3569	B763	89.191

Aircraft Arrivals Exceeding 82 dB SEL at Noise Monitor 13

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA13	09/15/2021 00:33	China Airlines Cargo	CAL5235	B744	82.922
SEA13	09/27/2021 00:14	Air Transport Intl'	ATN3569	B763	82.757
SEA13	09/28/2021 00:05	Air Transport Intl'	ATN3569	B763	83.254

Aircraft Arrivals Exceeding 89 dB SEL at Noise Monitor 18

Noise Monitor	Date/Time	Airline	Flight Number	Aircraft Type	SEL Noise Level
SEA18	07/13/2021 03:34	China Airlines Cargo	CAL5235	B744	89.229
SEA18	07/27/2021 04:17	FedEx Express	FDX1885	DC10	92.805
SEA18	07/27/2021 04:47	Korean Air Cargo	KAL233	B748	91.05
SEA18	07/28/2021 02:04	Asiana Cargo	AAR244	B744	93.265

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	AC Type	SEL Noise Level
SEA19	07/01/2021 04:24	FedEx Express	FDX1885	MD11	89.16
SEA19	07/02/2021 04:13	FedEx Express	FDX1885	MD11	88.535
SEA19	07/03/2021 03:56	FedEx Express	FDX1885	MD11	89.491
SEA19	07/07/2021 00:22	Asiana Cargo	AAR244	B744	89.152
SEA19	07/07/2021 02:25	China Airlines Cargo	CAL5241	B744	88.184
SEA19	07/11/2021 03:47	FedEx Express	FDX710	MD11	90.323
SEA19	07/12/2021 01:04	Asiana Cargo	AAR2829	B744	90.762
SEA19	07/18/2021 03:35	FedEx Express	FDX710	MD11	91.641
SEA19	07/19/2021 01:57	Air Transport Intl'	ATN3401	B763	88.47
SEA19	07/19/2021 04:09	Asiana Cargo	AAR2829	B744	90.456
SEA19	07/19/2021 04:49	Kalitta Air	CKS1917	B763	89.913

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	AC Type	SEL Noise Level
SEA19	07/22/2021 03:53	FedEx Express	FDX1885	MD11	88.31
SEA19	07/23/2021 01:00	Asiana Cargo	AAR2623	B744	89.982
SEA19	07/23/2021 03:57	Korean Air Cargo	KAL233	B748	88.804
SEA19	07/24/2021 03:52	FedEx Express	FDX1885	MD11	89.384
SEA19	07/26/2021 04:40	Kalitta Air	CKS1917	B763	88.093
SEA19	07/30/2021 03:55	FedEx Express	FDX1885	MD11	88.146
SEA19	07/31/2021 03:56	FedEx Express	FDX1885	MD11	88.99
SEA19	08/02/2021 02:18	China Airlines Cargo	CAL5381	B744	88.144
SEA19	08/03/2021 03:39	Korean Air Cargo	KAL233	B748	88.344
SEA19	08/04/2021 04:43	FedEx Express	FDX1885	MD11	89.134
SEA19	08/05/2021 00:06	Cargolux	CLX38B	B748	89.009
SEA19	08/05/2021 00:47	Air Transport Intl'	ATN3569	B763	88.008
SEA19	08/05/2021 03:00	Asiana Cargo	AAR242	B744	91.161
SEA19	08/05/2021 03:54	FedEx Express	FDX1885	MD11	89.007
SEA19	08/10/2021 01:57	Air Transport Intl'	ATN3401	B763	89.167
SEA19	08/10/2021 04:11	Korean Air Cargo	KAL233	B748	88.253
SEA19	08/10/2021 04:47	FedEx Express	FDX1885	MD11	88.42
SEA19	08/11/2021 01:53	Air Transport Intl'	ATN3401	B763	89.454
SEA19	08/11/2021 04:33	FedEx Express	FDX1885	MD11	88.05
SEA19	08/12/2021 04:21	FedEx Express	FDX1885	MD11	89.91
SEA19	08/13/2021 02:17	Air Transport Intl'	ATN3401	B763	88.506
SEA19	08/24/2021 04:07	FedEx Express	FDX1885	MD11	88.483
SEA19	08/25/2021 04:54	FedEx Express	FDX1885	MD11	89.957
SEA19	08/26/2021 04:09	FedEx Express	FDX1885	MD11	90.042
SEA19	08/28/2021 01:54	Asiana Cargo	AAR242	B744	91.241
SEA19	08/28/2021 04:19	FedEx Express	FDX1885	MD11	88.656
SEA19	08/28/2021 04:27	China Airlines Cargo	CAL5171	B744	88.13
SEA19	08/31/2021 02:15	Cargolux	CLX46U	B748	89.333
SEA19	09/01/2021 04:24	FedEx Express	FDX1885	MD11	89.463

Aircraft Arrivals Exceeding 88 dB SEL at Noise Monitor 19

Noise Monitor	Date/Time	Airline	Flight Number	AC Type	SEL Noise Level
SEA19	09/02/2021 01:50	China Airlines Cargo	CAL5381	B744	91.846
SEA19	09/02/2021 02:07	Air Transport Intl'	ATN3401	B763	88.126
SEA19	09/02/2021 04:44	FedEx Express	FDX1885	MD11	90.276
SEA19	09/03/2021 04:36	Korean Air Cargo	KAL233	B748	88.464
SEA19	09/03/2021 04:40	FedEx Express	FDX1885	MD11	88.843
SEA19	09/04/2021 04:08	FedEx Express	FDX1885	MD11	88.65
SEA19	09/07/2021 04:15	Korean Air Cargo	KAL233	B748	88.975
SEA19	09/13/2021 04:52	Kalitta Air	CKS1917	B763	89.597
SEA19	09/14/2021 04:20	FedEx Express	FDX1885	MD11	90.508
SEA19	09/16/2021 02:23	Air Transport Intl'	ATN3401	B763	88.2
SEA19	09/16/2021 04:20	FedEx Express	FDX1885	MD11	89.932
SEA19	09/21/2021 02:15	Air Transport Intl'	ATN3401	B763	88.803
SEA19	09/21/2021 04:20	FedEx Express	FDX1885	MD11	89.857
SEA19	09/22/2021 03:46	China Airlines Cargo	CAL5235	B744	89.281
SEA19	09/22/2021 04:23	FedEx Express	FDX1885	MD11	88.5
SEA19	09/24/2021 04:19	FedEx Express	FDX1885	MD11	89.616
SEA19	09/24/2021 04:34	Korean Air Cargo	KAL233	B748	88.502
SEA19	09/25/2021 00:07	Asiana Cargo	AAR242	B744	91.704