RW27 Departure Analysis (through Dec 2009) — **Numbers of Tracks Through Each Gate** — **Percent of Tracks Through Each Gate** — **1/12/2010**

Year	Month	Total # of Tracks	Total # of Tracks Through All Gates	Percent of Tracks Through All Gates	Gate A 1,400 ft.*	Gate B 2,200 ft.*	Gate C 2,900 ft.*	Gate D 4,700 ft.*	Gate E 6,300 ft.*	Gate A 1,400 ft.*	Gate B 2,200 ft.*	Gate C 2,900 ft.*	Gate D 4,700 ft.*	Gate E 6,300 ft.*	Average Percent through Each Gate
2006	January	1743	854	49.0%	1033	1219	1448	1612	1567	59.3%	69.9%	83.1%	92.5%	89.9%	78.9%
	February	1871	963	51.5%	1205	1375	1597	1725	1616	64.4%	73.5%	85.4%	92.2%	86.4%	80.4%
	March	3655	1904	52.1%	2304	2621	3129	3436	3298	63.0%	71.7%	85.6%	94.0%	90.2%	80.9%
	April	1533	797	52.0%	951	1085	1301	1417	1369	62.0%	70.8%	84.9%	92.4%	89.3%	79.9%
	May	1049	583	55.6%	673	775	917	987	957	64.2%	73.9%	87.4%	94.1%	91.2%	82.2%
	June	1399	758	54.2%	874	999	1180	1287	1245	62.5%	71.4%	84.3%	92.0%	89.0%	79.8%
	July	805	456	56.6%	507	602	700	786	721	63.0%	74.8%	87.0%	97.6%	89.6%	82.4%
	August	793	451	56.9%	508	580	695	756	735	64.1%	73.1%	87.6%	95.3%	92.7%	82.6%
	September	1122	667	59.4%	747	830	991	1048	1036	66.6%	74.0%	88.3%	93.4%	92.3%	82.9%
	October	2810	1501	53.4%	1802	2084	2410	2604	2515	64.1%	74.2%	85.8%	92.7%	89.5%	81.2%
	November	1440	767	53.3%	883	1015	1197	1313	1270	61.3%	70.5%	83.1%	91.2%	88.2%	78.9%
	December	1166	631	54.1%	744	847	981	1054	1016	63.8%	72.6%	84.1%	90.4%	87.1%	79.6%
2006	Average	1606	846	52.7%	1019	1169	1379	1502	1445	63.5%	72.8%	85.9%	93.5%	90.0%	81.1%
2007	January	2062	1130	54.8%	1410	1548	1759	1881	1806	68.4%	75.1%	85.3%	91.2%	87.6%	81.5%
	February	1090	606	55.6%	746	831	920	991	942	68.4%	76.2%	84.4%	90.9%	86.4%	81.3%
	March	479	219	45.7%	292	334	373	400	363	61.0%	69.7%	77.9%	83.5%	75.8%	73.6%
	April	1034	579	56.0%	692	778	897	962	923	66.9%	75.2%	86.8%	93.0%	89.3%	82.2%
	May	632	322	50.9%	373	437	532	585	571	59.0%	69.1%	84.2%	92.6%	90.3%	79.1%
	June	430	238	55.3%	282	316	355	382	373	65.6%	73.5%	82.6%	88.8%	86.7%	79.4%
	July	574	288	50.2%	334	375	457	509	502	58.2%	65.3%	79.6%	88.7%	87.5%	75.9%
	August	819	439	53.6%	513	574	706	757	733	62.6%	70.1%	86.2%	92.4%	89.5%	80.2%
	September	1214	654	53.9%	778	863	1056	1137	1098	64.1%	71.1%	87.0%	93.7%	90.4%	81.3%
	October	594	318	53.5%	372	425	483	546	525	62.6%	71.5%	81.3%	91.9%	88.4%	79.2%
	November	649	264	40.7%	402	459	556	593	551	61.9%	70.7%	85.7%	91.4%	84.9%	78.9%
	December	1191	577	48.4%	767	861	999	1057	966	64.4%	72.3%	83.9%	88.7%	81.1%	78.1%
2007	Average	897	470	52.3%	580	650	758	817	779	64.6%	72.4%	84.4%	91.0%	86.9%	79.9%
2008	January	360	189	52.5%	224	262	306	339	322	62.2%	72.8%	85.0%	94.2%	89.4%	80.7%
	February	804	400	49.8%	497	581	661	712	670	61.8%	72.3%	82.2%	88.6%	83.3%	77.6%
	March	1115	601	53.9%	724	829	972	1037	984	64.9%	74.3%	87.2%	93.0%	88.3%	81.5%
	April	256	122	47.7%	154	184	210	226	212	60.2%	71.9%	82.0%	88.3%	82.8%	77.0%
	May	957	503	52.6%	594	692	813	889	852	62.1%	72.3%	85.0%	92.9%	89.0%	80.3%
	June	329	175	53.2%	199	236	274	291	277	60.5%	71.7%	83.3%	88.4%	84.2%	77.6%
	July	259	123	47.5%	138	180	218	237	228	53.3%	69.5%	84.2%	91.5%	88.0%	77.3%
	August	232	101	43.5%	119	162	183	207	196	51.3%	69.8%	78.9%	89.2%	84.5%	74.7%
	September	488	277	56.8%	316	360	436	469	451	64.8%	73.8%	89.3%	96.1%	92.4%	83.3%
	October	1358	774	57.0%	862	1039	1203	1287	1253	63.5%	76.5%	88.6%	94.8%	92.3%	83.1%
	November	818	496	60.6%	548	648	740	781	765	67.0%	79.2%	90.5%	95.5%	93.5%	85.1%
	December	1276	605	47.4%	690	974	1122	1202	1169	54.1%	76.3%	87.9%	94.2%	91.6%	80.8%
2008	Average	688	364	52.9%	383	453	528	569	545	60.5%	73.4%	85.3%	92.2%	88.3%	79.9%
2009	January	1753	821	46.8%	967	1347	1555	1666	1628	55.2%	76.8%	88.7%	95.0%	92.9%	81.7%
	February	771	386	50.1%	457	557	660	713	684	59.3%	72.2%	85.6%	92.5%	88.7%	79.7%
	March	932	519	55.7%	568	704	834	900	880	60.9%	75.5%	89.5%	96.6%	94.4%	83.4%
	April	652	367	56.3%	431	502	588	623	611	66.1%	77.0%	90.2%	95.6%	93.7%	84.5%
	May	341	194	56.9%	202	262	292	318	314	59.2%	76.8%	85.6%	93.3%	92.1%	81.4%
	June	146	96	65.8%	101	114	134	141	140	69.2%	78.1%	91.8%	96.6%	95.9%	86.3%
	July	400	220	55.0%	238	298	344	370	365	59.5%	74.5%	86.0%	92.5%	91.3%	80.8%
	August	247	140	56.7%	149	179	206	214	208	60.3%	72.5%	83.4%	86.6%	84.2%	77.4%
	September	0	0												
	October	338	216	63.9%	238	267	305	314	310	70.4%	79.0%	90.2%	92.9%	91.7%	84.9%
	November	775	365	47.1%	416	611	690	724	713	53.7%	78.8%	89.0%	93.4%	92.0%	81.4%
	December	1463	599	40.9%	718	1097	1232	1308	1290	49.1%	75.0%	84.2%	89.4%	88.2%	77.2%
2009	Average	652	327	50.2%	408	540	622	663	649	60.3%	76.0%	87.7%	93.1%	91.4%	81.7%

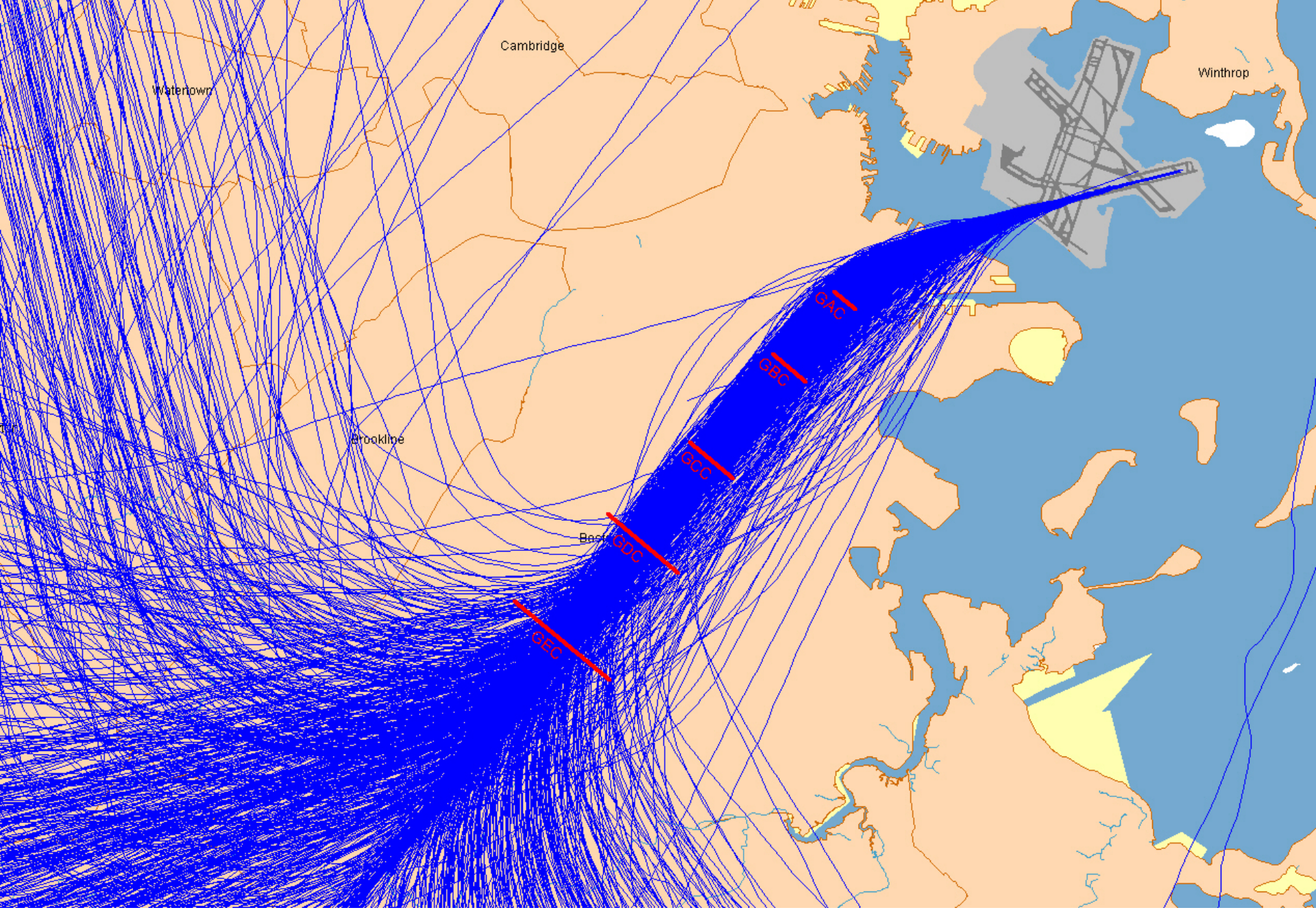
Boston Logan International Airport **1/12/2010**

Runway 27 Flight Track Analysis

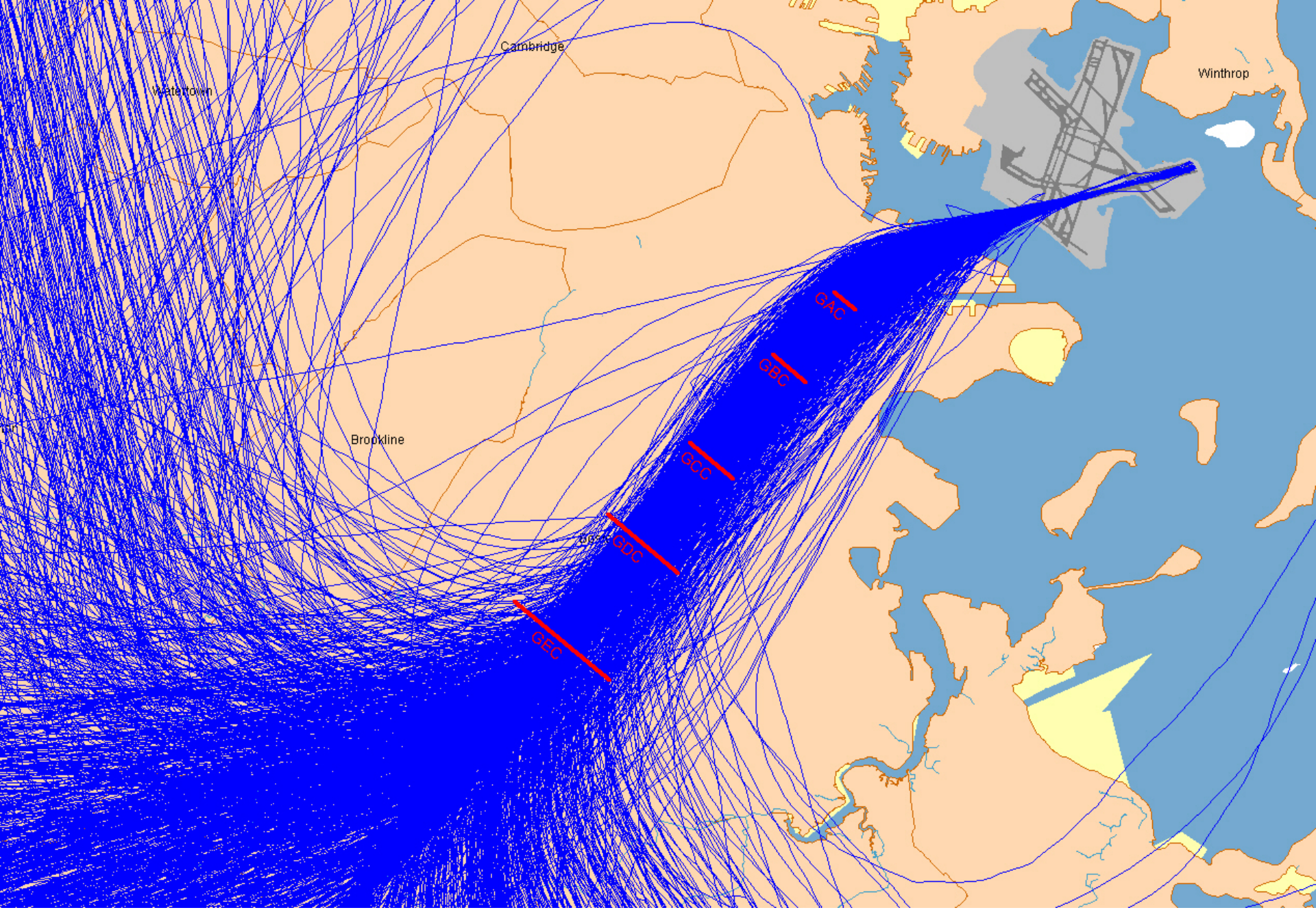
RW27 Analysis - Percentage of Departures Inside & Outside of Corridor

		Gate A			Gate B			Gate C			Gate D			Gate E		
	# of Tracks	West of	Inside	East of	West of	Inside	East of	West of	Inside	East of	West of	Inside	East of	West of	Inside	East of
Date	Departing	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor	Corridor
Jan-06	1743	28.34	59.27	10.27	24.61	69.94	5.45	9.93	83.08	6.88	2.47	92.48	4.88	2.93	89.90	6.25
Feb-06	1871	25.71	64.40	8.71	21.33	73.49	5.18	8.23	85.36	6.41	2.41	92.20	5.34	3.79	86.37	8.23
Mar-06	3655	28.48	63.04	6.59	24.13	71.71	4.13	9.00	85.61	5.39	1.72	94.01	4.21	2.60	90.23	6.07
Apr-06	1533	28.51	62.04	7.24	25.05	70.78	4.17	9.46	84.87	5.74	2.48	92.43	5.09	3.33	89.30	6.65
May-06	1049	27.84	64.16	6.48	22.69	73.88	3.43	8.01	87.42	4.10	2.48	94.09	2.96	4.10	91.23	3.81
Jun-06	1399	28.45	62.47	7.29	22.80	71.41	5.72	9.72	84.35	5.93	2.72	91.99	4.57	3.65	88.99	5.58
Jul-06	805	28.20	62.98	6.71	21.24	74.78	3.98	9.32	86.96	2.73	4.10	92.42	1.99	4.35	89.57	3.73
Aug-06	793	25.22	64.06	8.70	22.70	73.14	4.16	7.69	87.64	4.54	2.27	95.33	1.77	3.53	92.69	2.65
Sep-06	1122	26.29	66.58	4.72	22.82	73.98	3.21	8.82	88.32	2.76	3.57	93.40	2.41	3.39	92.34	3.39
Oct-06	2810	25.94	64.13	7.72	21.32	74.16	4.56	8.86	85.77	5.20	3.17	92.67	3.88	3.63	89.50	5.55
Nov-06	1440	28.54	61.32	6.60	24.31	70.49	5.21	10.76	83.13	5.76	4.24	91.18	3.89	5.35	88.19	3.89
Dec-06	1166	23.58	63.81	10.12	19.55	72.64	7.29	6.43	84.13	9.01	2.40	90.39	7.29	3.00	87.14	8.15
Jan-07	2062	22.65	68.38	6.60	19.88	75.07	4.95	7.37	85.31	7.37	2.09	91.22	6.30	2.42	87.58	7.76
Feb-07	1090	21.10	68.44	6.79	17.61	76.24	5.05	7.06	84.40	7.98	2.02	90.92	7.06	2.94	86.42	8.44
Mar-07	479	23.38	60.96	10.23	21.71	69.73	7.52	10.65	77.87	10.86	6.05	83.51	10.44	7.10	75.78	12.94
Apr-07	1034	25.44	66.92	5.32	21.86	75.24	2.90	8.70	86.75	4.26	3.48	93.04	3.38	4.06	89.26	4.74
May-07	632	31.33	59.02	5.70	27.85	69.15	3.01	12.03	84.18	3.48	3.96	92.56	2.37	3.80	90.35	3.32
Jun-07	430	23.49	65.58	8.84	19.77	73.49	6.74	9.77	82.56	7.44	3.95	88.84	6.05	4.42	86.74	6.28
Jul-07	574	30.31	58.19	9.06	28.57	65.33	5.75	16.90	79.62	3.48	7.14	88.68	3.31	5.40	87.46	2.44
Aug-07	819	27.11	62.64	8.30	23.32	70.09	6.23	8.18	86.20	5.62	2.81	92.43	4.64	4.27	89.50	5.86
Sep-07	1214	28.34	64.09	5.44	26.11	71.09	2.80	9.47	86.99	3.29	3.05	93.66	2.97	3.87	90.44	4.28
Oct-07	594	27.61	62.63	6.23	23.23	71.55	4.38	10.61	81.31	7.74	2.86	91.92	5.22	3.20	88.38	5.72
Nov-07	649	29.58	61.94	6.93	24.50	70.72	4.78	8.78	85.67	5.24	3.24	91.37	4.62	5.86	84.90	6.93
Dec-07	1191	27.04	64.40	6.88	23.26	72.29	4.45	8.65	83.88	7.39	3.44	88.75	7.64	5.21	81.11	11.34
Jan-08	360	30.83	62.22	3.61	24.17	72.78	2.22	11.11	85.00	3.89	3.06	94.17	1.94	3.89	89.44	5.28
Feb-08	804	25.50	61.82	8.96	22.26	72.26	5.35	10.70	82.21	6.84	6.22	88.56	5.22	6.22	83.33	7.84
Mar-08	1115	27.35	64.93	5.83	22.06	74.35	3.59	8.79	87.17	3.68	3.32	93.00	3.68	4.48	88.25	5.92
Apr-08	256	28.91	60.16	7.81	22.66	71.88	5.47	10.16	82.03	7.81	4.69	88.28	6.25	6.25	82.81	7.42
May-08	957	27.27	62.07	8.15	22.99	72.31	4.70	9.40	84.95	5.43	2.72	92.89	3.87	3.34	89.03	6.17
Jun-08	329	20.36	60.49	14.29	17.02	71.73	10.94	10.03	83.28	6.99	6.69	88.45	4.86	9.12	84.19	6.38
Jul-08	259	30.50	53.28	11.97	22.01	69.50	8.11	11.97	84.17	3.86	5.79	91.51	1.54	6.18	88.03	3.47
Aug-08	232	21.55	51.29	12.07	21.55	69.83	8.62	12.50	78.88	7.33	5.17	89.22	3.88	5.60	84.48	6.47
Sep-08	488	25.00	64.75	5.74	22.54	73.77	3.28	7.58	89.34	3.07	1.64	96.11	1.84	3.07	92.42	3.89
Oct-08	1358	27.76	63.48	5.96	20.62	76.51	2.87	8.10	88.59	3.09	2.65	94.77	2.14	3.68	92.27	2.50
Nov-08	818	23.59	66.99	6.36	17.48	79.22	3.18	5.38	90.46	4.16	1.59	95.48	2.57	2.32	93.52	3.55
Dec-08	1276	20.22	54.08	6.66	19.83	76.33	3.84	8.39	87.93	3.61	2.74	94.20	2.66	2.51	91.61	4.23
Jan-09	1753	19.85	55.16	6.27	20.19	76.84	2.97	8.50	88.71	2.80	2.28	95.04	2.57	2.34	92.87	3.59
Feb-09	771	22.44	59.27	6.23	24.25	72.24	3.50	9.34	85.60	4.93	2.33	92.48	4.80	1.82	88.72	7.00
Mar-09	932	27.47	60.94	4.08	22.85	75.54	1.39	8.37	89.48	1.39	2.15	96.57	1.29	2.79	94.42	1.39
Apr-09	652	24.39	66.10	5.21	20.40	76.99	2.30	7.21	90.18	2.61	1.99	95.55	2.30	1.69	93.71	3.53
May-09	341	29.03	59.24	7.92	17.01	76.83	5.57	9.09	85.63	5.28	2.93	93.26	3.52	2.35	92.08	3.81
Jun-09	146	23.29	69.18	6.16	19.18	78.08	2.74	6.16	91.78	2.05	2.05	96.58	0.68	2.05	95.89	1.37
Jul-09	400	30.25	59.50	5.75	21.50	74.50	4.00	8.75	86.00	5.00	3.50	92.50	3.00	3.50	91.25	3.00
Aug-09	247	21.46	60.32	5.26	16.60	72.47	2.43	9.31	83.40	5.67	10.93	86.64	2.43	2.83	84.21	1.62
Sep-09	**September 2009 (winds and runway resurfacing factors)**															
Oct-09	338	18.05	70.41	7.40	15.98	78.99	4.73	5.92	90.24	3.85	2.96	92.90	3.85	3.55	91.72	3.85
Nov-09	775	4.52	53.68	40.00	7.23	78.84	14.06	2.19	89.03	8.52	1.16	93.42	5.42	2.06	92.00	4.90
Dec-09	1463	6.97	49.08	36.84	7.72	74.98	13.60	4.58	84.21	11.21	1.91	89.41	6.29	1.71	88.17	5.54

*** Percent may not equal 100% (Percents equal to -percent of ALL departures from 27 thru that gate, not percent of all traffic thru that gate)



November 1 -30, 2009 – 818 Operations



December 1 -31, 2009 – 1,474 Operations