TRK Tower operational June 15, 2015 through September 15, 2019

Spreadsheet analysis of summer period of aircraft tower operations - comparing summer operations before tower (2015, 2016) with after tower (2018, 2019, 2020)

All - Tower Not Open

Jun 15, 2015 through Sep 15, 2015

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	267	163	430	6.4%	4.8%	5.6%
RWY 2	87	240	327	2.1%	4.9%	3.6%
RWY 20	972	932	1904	23.4%	19.2%	21.1%
RWY 29	1942	3145	5087	46.8%	64.8%	56.5%
RWY Unknown	883	376	1259	21.3%	7.7%	14.0%
Total	4151	4856	9007	100%	100%	100%
Notes	Taxiway Construction					

Jets

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	140	31	171	16.50%	3.60%	10.00%
RWY 2	3	7	10	0.40%	0.80%	0.60%
RWY 20	83	34	117	9.80%	3.90%	6.80%
RWY 29	463	708	1171	54.70%	81.70%	68.30%
RWY Unknown	158	87	245	18.70%	10.00%	14.30%
Total	847	867	1714	100.1%	100.0%	100.0%

Turbos

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	40	20	60	3.70%	1.70%	2.70%
RWY 2	5	50	55	0.60%	4.30%	2.50%
RWY 20	237	142	379	21.90%	12.10%	16.80%
RWY 29	578	862	1440	53.40%	73.70%	64.00%
RWY Unknown	221	95	316	20.40%	8.10%	14.00%
Total	1082	1169	2251	100.0%	99.9%	100.0%

Twin - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	11	12	23	4.30%	3.90%	4.10%
RWY 2	4	8	12	1.60%	2.60%	2.10%
RWY 20	51	60	111	20.10%	19.40%	19.70%
RWY 29	114	207	321	44.90%	67.00%	57.00%
RWY Unknown	74	22	96	29.10%	7.10%	17.10%
Total	254	309	563	100.0%	100.0%	100.0%

Single - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	76	100	176	3.90%	4.00%	3.90%
RWY 2	74	175	249	3.80%	7.00%	5.60%
RWY 20	601	696	1297	30.50%	27.70%	29.00%
RWY 29	787	1368	2155	40.00%	54.50%	48.10%
RWY Unknown	430	172	602	21.80%	6.80%	13.40%
Total	1968	2511	4479	100.0%	100.0%	100.0%

Jun 15, 2016 through Sep 15, 2016

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	221	166	387	3.60%	2.70%	3.20%
RWY 2	431	681	1112	7.00%	11.20%	9.10%
RWY 20	2178	2149	4327	35.60%	35.40%	35.50%
RWY 29	2499	2562	5061	40.80%	42.10%	41.50%
RWY Unknown	790	521	1311	12.90%	8.60%	10.70%
Total	6119	6079	12198	100%	100%	100%

Jets

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	103	23	126	10.90%	2.50%	6.80%
RWY 2	11	25	36	1.20%	2.80%	1.90%
RWY 20	129	67	196	13.60%	7.40%	10.60%
RWY 29	665	751	1416	70.10%	83.30%	76.50%
RWY Unknown	40	36	76	4.20%	4.00%	4.10%
Total	948	902	1850	100.0%	100.0%	99.9%

Turbos

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	43	37	80	3.30%	2.90%	3.10%
RWY 2	25	135	160	1.90%	10.60%	6.30%
RWY 20	456	333	789	35.40%	26.20%	30.80%
RWY 29	664	703	1367	51.60%	55.30%	53.40%
RWY Unknown	100	64	164	7.80%	5.00%	6.40%
Total	1288	1272	2560	100.0%	100.0%	100.0%

Twin - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	5	7	12	2.30%	3.20%	2.70%
RWY 2	4	16	20	1.80%	7.30%	4.50%
RWY 20	77	72	149	34.80%	32.90%	33.90%
RWY 29	82	102	184	37.10%	46.60%	41.80%
RWY Unknown	53	22	75	24.00%	10.00%	17.00%
Total	221	219	440	100.0%	100.0%	99.9%

Single - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	70	99	169	1.90%	2.70%	2.30%
RWY 2	391	505	896	10.70%	13.70%	12.20%
RWY 20	1516	1677	3193	41.40%	45.50%	43.50%
RWY 29	1989	1088	3077	54.50%	29.50%	41.90%
RWY Unknown	597	399	996	16.30%	10.80%	13.60%
Total	3662	3686	7348	100.0%	100.0%	100.1%

All - Tower Open

Jun 15, 2018 through Sep 15, 2018

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	359	209	568	5.60%	3.20%	4.40%
RWY 2	161	501	662	2.50%	7.80%	5.20%
RWY 20	2031	1617	3648	31.90%	25.10%	28.50%
RWY 29	3399	3960	7359	53.30%	61.50%	57.50%
RWY Unknown	423	147	570	6.60%	2.30%	4.50%
Total	6373	6434	12807	100%	100%	100%
Smoke/Forest Fires						

Jets

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	145	27	172	11.10%	2.40%	7.80%
RWY 2	1	2	3	0.10%	0.20%	0.10%
RWY 20	98	33	131	8.90%	3.00%	5.90%
RWY 29	842	1029	1871	76.30%	93.30%	84.80%
RWY Unknown	18	12	30	1.60%	1.10%	1.40%
Total	1104	1103	2207	100.0%	100.0%	100.0%

Turbos

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	69	38	107	4.80%	2.70%	3.80%
RWY 2	12	85	97	0.80%	6.00%	3.40%
RWY 20	343	198	541	24.00%	14.00%	19.00%
RWY 29	926	1071	1997	64.80%	75.50%	70.10%
RWY Unknown	79	27	106	5.50%	1.90%	3.70%
Total	1429	1419	2848	99.9%	100.1%	100.0%

Twin - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	10	8	18	4.10%	3.30%	3.70%
RWY 2	3	10	13	1.20%	4.20%	2.70%
RWY 20	57	37	94	23.70%	15.40%	19.50%
RWY 29	148	184	332	61.40%	76.70%	69.00%
RWY Unknown	23	1	24	9.50%	0.40%	5.00%
Total	241	240	481	99.9%	100.0%	99.9%

Single - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	135	136	271	3.80%	3.70%	3.70%
RWY 2	145	404	549	4.00%	11.00%	7.60%
RWY 20	1533	1349	2882	42.60%	36.70%	39.60%
RWY 29	1483	1676	3159	41.20%	45.60%	43.40%
RWY Unknown	303	107	410	8.40%	2.90%	5.60%
Total	3599	3672	7271	100.0%	99.9%	99.9%

All - Tower Open

Jun 15, 2019 through Sep 15, 2019

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	335	327	662	4.6%	4.5%	4.5%
RWY 2	209	541	750	2.9%	7.4%	5.1%
RWY 20	2398	1895	4293	33.1%	25.8%	29.4%
RWY 29	3712	4193	7905	51.2%	57.2%	54.2%
RWY Unkn	590	378	968	8.1%	5.2%	6.6%
Total	7244	7334	14578	100%	100%	100%

Jets

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	123	46	169	10.70%	4.00%	7.30%
RWY 2	0	4	4	0.00%	0.30%	0.20%
RWY 20	110	19	129	9.60%	1.60%	5.60%
RWY 29	886	1082	1968	77.20%	93.00%	85.10%
RWY Unkn	29	13	42	2.50%	1.10%	1.80%
Total	1148	1164	2312	100%	100%	100%

Turbos

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	51	93	144	3.60%	6.50%	5.00%
RWY 2	0	47	47	0.00%	2.80%	1.60%
RWY 20	365	216	581	25.60%	15.00%	20.30%
RWY 29	936	1058	1984	64.90%	73.50%	69.20%
RWY Unkr	78	32	110	5.50%	2.20%	3.80%
Total	1427	1439	2866	100.1%	100.0%	99.9%

Twin - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	13	15	28	4.70%	5.40%	5.10%
RWY 2	2	7	9	0.40%	2.50%	1.60%
RWY 20	73	53	126	26.50%	19.10%	22.80%
RWY 29	156	193	349	56.70%	69.70%	63.20%
RWY Unkr	32	9	41	11.60%	3.20%	7.40%
Total	275	277	552	99.9%	99.9%	99.9%

Single - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	148	173	321	3.50%	3.60%	3.60%
RWY 2	200	490	690	4.60%	11.00%	7.80%
RWY 20	1850	1606	3456	42.10%	36.10%	39.10%
RWY 29	1744	1860	3604	39.70%	41.80%	40.70%
RWY Unkr	451	324	775	10.30%	7.30%	8.80%
Total	4393	4453	8846	100.1%	100.1%	100.0%

All - Tower Open

Jun 15, 2020 through Sep 15, 2020

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Departur es	Percent Of All Activities
RWY 11	464	351	815	7.8%	5.4%	6.8%
RWY 2	234	718	952	3.9%	12.0%	8.0%
RWY 20	1685	1221	2906	28.1%	20.4%	24.4%
RWY 29	3287	3475	6762	55.2%	58.1%	56.7%
RWY Unkr	282	214	496	4.7%	3.6%	4.2%
Total	5952	5981	11933	100%	100%	100%

COVID 19

Jets

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Departur es	Percent Of All Activities
RWY 11	172	51	223	15.00%	4.40%	9.70%
RWY 2	5	12	17	0.40%	1.00%	0.70%
RWY 20	100	21	121	8.70%	1.80%	5.20%
RWY 29	857	1067	1924	74.70%	92.10%	83.40%
RWY Unkn	14	8	22	1.20%	0.70%	1.00%
Total	1148	1159	2307	100%	100%	100%

Turbos

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Departur es	Percent Of All Activities
RWY 11	83	99	182	6.80%	8.20%	7.50%
RWY 2	45	115	160	3.70%	9.50%	6.60%
RWY 20	267	120	387	22.00%	9.90%	16.00%
RWY 29	776	834	1610	63.90%	68.80%	66.40%
RWY Unkn	43	44	87	3.50%	3.60%	3.60%
Total	1214	1212	2426	99.9%	100.0%	100.1%

Twin - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Departur es	Percent Of All Activities
RWY 11	8	9.5	17.5	3%	4%	3%
RWY 2	4	12	16	1.50%	5%	3%
RWY 20	64	66	130	27%	26%	27%
RWY 29	98	154.5	252.5	41%	57%	49%
RWY Unkn	63.5	22	85.5	27%	9%	17%
Total	237.5	264	501.5	100%	100%	100%

Single - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Departur es	Percent Of All Activities
RWY 11	73	99.5	172.5	3%	3%	3%
RWY 2	232.5	340	572.5	7%	10%	9%
RWY 20	1058.5	1186.5	2245	36%	37%	36%
RWY 29	937.5	1187	2124.5	35%	41%	38%
RWY Unkn	513.5	285.5	799	19%	9%	14%
Total	2815	3098.5	5913.5	100%	100%	100%

Average Before Tower (2015,2016)

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	244	164.5	408.5	5.0%	3.1%	4.0%
RWY 2	259	460.5	719.5	4.6%	8.1%	6.4%
RWY 20	1575	1540.5	3115.5	29.5%	27.3%	28.3%
RWY 29	2220.5	2853.5	5074	43.8%	53.5%	49.0%
RWY Unknown	836.5	448.5	1285	17.1%	8.2%	12.4%
Total	5135	5467.5	10602.5	100%	100%	100%

Jets

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	121.5	27	148.5	14%	3%	8%
RWY 2	7	16	23	1%	2%	1%
RWY 20	106	50.5	156.5	12%	6%	9%
RWY 29	664	729.5	1393.5	63%	83%	72%
RWY Unknown	99	61.5	160.5	11%	7%	9%
Total	897.5	884.5	1782	100%	100%	100%

Turbos

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	41.5	28.5	70	4%	2%	3%
RWY 2	15.5	92.5	108	1%	7%	4%
RWY 20	325	178	503	29.9%	13.0%	18.4%
RWY 29	621	782.5	1403.5	58%	65%	59%
RWY Unknown	160.5	79.5	240	14%	7%	10%
Total	1185	1220.5	2405.5	100%	100%	100%

Twin - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	13	12	24	5.2%	4.7%	5.0%
RWY 2	3	7	10	1.1%	3.0%	2.1%
RWY 20	60	36	96	24.3%	14.2%	19.2%
RWY 29	147	186	334	60.6%	76.3%	68.4%
RWY Unknown	63	22	85	27%	9%	17%
Total	245	246	491	100%	100%	100%

Single - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	159	166	325	4.3%	4.4%	4.3%
RWY 2	175	493	668	4.6%	13.1%	8.9%
RWY 20	1551	1340	2890	40.8%	34.7%	37.7%
RWY 29	1581	1643	3224	41.9%	42.8%	42.4%
RWY Unknown	321	196	517	8.3%	5.0%	6.6%
Total	3789	3838	7626	100%	100%	100%

Average After Tower (2018,2019,2020)

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	386	296	682	6.0%	4.3%	5.2%
RWY 2	201	587	788	3.1%	9.1%	6.1%
RWY 20	2018	1578	3616	31.1%	23.8%	27.4%
RWY 29	3466	3876	7342	53.2%	58.9%	56.1%
RWY Unknown	432	246	678	6.5%	3.7%	5.1%
Total	6523	6583	13106	100%	100%	100%

Jets

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	147	41	188	12.9%	3.6%	8.3%
RWY 2	2	6	8	0.2%	0.5%	0.3%
RWY 20	103	24	127	9.1%	2.1%	5.6%
RWY 29	362	1059	1921	76.1%	92.8%	84.4%
RWY Unknown	20	11	31	1.8%	1.0%	1.4%
Total	1134	1141	2275	100%	100%	100%

Turbos

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	68	77	144	5.1%	5.8%	5.4%
RWY 2	21	80	101	1.7%	6.1%	3.9%
RWY 20	325	178	503	23.9%	13.0%	18.4%
RWY 29	876	988	1864	64.5%	72.6%	68.6%
RWY Unknown	67	34	101	4.8%	2.6%	3.7%
Total	1357	1357	2713	100%	100%	100%

Twin - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	13	12	25	5.2%	4.7%	5.0%
RWY 2	3	7	10	1.1%	3.0%	2.1%
RWY 20	60	36	96	24.3%	14.2%	19.2%
RWY 29	147	186	334	60.6%	76.3%	68.4%
RWY Unknown	63	22	85	27%	9%	17%
Total	245	246	491	100%	100%	100%

Single - Piston

Runway	Arrivals	Departures	Total Activities On Runway	Percent Of All Arrivals	Percent Of All Departures	Percent Of All Activities
RWY 11	159	166	325	4.3%	4.4%	4.3%
RWY 2	175	493	668	4.6%	13.1%	8.9%
RWY 20	1551	1340	2890	40.8%	34.7%	37.7%
RWY 29	1581	1643	3224	41.9%	42.8%	42.4%
RWY Unknown	321	196	517	8.3%	5.0%	6.6%
Total	3789	3838	7626	100%	100%	100%

Absolute Difference (After minus Before)

Positive value means more traffic after

Runway	Arrivals	Departures
RWY 11	142	131.5
RWY 2	-58	126.5
RWY 20	463	37.5
RWY 29	1245.5	1022.5
RWY Unknown	-404.5	-202.5
Total	1388	1115.5

Jets

Runway	Arrivals	Departures
RWY 11	25.5	14
RWY 2	-71.4	-62.5
RWY 20	-2.8	-52.5
RWY 29	298	329.5
RWY Unknown	-79	-50.5
Total	236.5	254.5

Turbos

Runway	Arrivals	Departures
RWY 11	26.5	48.5
RWY 2	5.5	-12.5
RWY 20	-21.5	-59.5
RWY 29	255	205.5
RWY Unknown	-93.5	-45.5
Total	172	136.5

Twin - Piston

Runway	Arrivals	Departures
RWY 11	2.5	2.5
RWY 2	-1	-5
RWY 20	-4	-30
RWY 29	49	31.5
RWY Unknown	-41.5	-17
Total	7.5	-18

Single - Piston

Runway	Arrivals	Departures
RWY 11	86	66.5
RWY 2	-24.7	45.05
RWY 20	46.5	12.95
RWY 29	643.5	456
RWY Unknown	-190.5	-89.5
Total	974	739.5

Relative Difference in percentages (After minus Before)

Positive value means more traffic after

Runway	Arrivals	Departures
RWY 11	58.2%	79.9%
RWY 2	-22.4%	27.5%
RWY 20	14.8%	1.2%
RWY 29	56.1%	35.8%
RWY Unknown	-47.9%	-202.5%
Total	27.0%	20.4%

Jets

Runway	Arrivals	Departures
RWY 11	21.0%	51.9%
RWY 2	-71.4%	-62.5%
RWY 20	-2.8%	-52.3%
RWY 29	82.8%	45.2%
RWY Unknown	-79.8%	-82.1%
Total	26.4%	29.0%

Turbos

Runway	Arrivals	Departures
RWY 11	63.9%	170.2%
RWY 2	35.5%	-13.5%
RWY 20	-6.2%	-25.1%
RWY 29	44.1%	26.3%
RWY Unknown	-58.3%	-57.2%
Total	14.5%	11.2%

Twin - Piston

Runway	Arrivals	Departures
RWY 11	62.5%	26.3%
RWY 2	-25.0%	-47.7%
RWY 20	-6.3%	-45.5%
RWY 29	50.0%	20.4%
RWY Unknown	-65.4%	-77.3%
Total	3.2%	-6.8%

Single - Piston

Runway	Arrivals	Departures
RWY 11	117.8%	66.8%
RWY 2	-24.7%	45.0%
RWY 20	46.5%	12.9%
RWY 29	68.6%	38.4%
RWY Unknown	-37.1%	-31.3%
Total	34.6%	23.9%

Runway	Arrivals	Departures
RWY 11	1.4%	1.1%
RWY 2	-2.6%	2.8%
RWY 20	4.8%	-1.9%
RWY 29	7.3%	1.9%
RWY Unknown	-10.7%	-1.8%

Runway	Arrivals	Departures
RWY 11	1.2%	1.6%
RWY 2	-2.1%	-1.2%
RWY 20	-7.6%	-7.6%
RWY 29	9.4%	7.1%
RWY Unknown	-4.5%	-7.3%

Runway	Arrivals	Departures
RWY 11	1.0%	1.5%
RWY 2	-1.5%	1.0%
RWY 20	1.6%	-3.5%
RWY 29	9.4%	5.5%
RWY Unknown	-10.6%	-4.5%

Runway	Arrivals	Departures
RWY 11	1.6%	3.5%
RWY 2	0.4%	-1.4%
RWY 20	-4.8%	-6.2%
RWY 29	12.0%	8.1%
RWY Unknown	-9.3%	-4.0%

Runway	Arrivals	Departures
RWY 11	1.4%	1.1%
RWY 2	-2.6%	2.8%
RWY 20	4.8%	-1.9%
RWY 29	13.7%	10.3%
RWY Unknown	-9.7%	-6.0%

Runway	Arrivals	Departures
RWY 11	2.3%	2.3%
RWY 2	-0.5%	-1.4%
RWY 20	-6.2%	-6.5%
RWY 29	9.9%	6.9%
RWY Unknown	-6.5%	-4.0%

Runway	Arrivals	Departures
RWY 11	1.6%	1.4%
RWY 2	-2.1%	-1.2%
RWY 20	-7.6%	-7.6%
RWY 29	9.9%	6.9%
RWY Unknown	-11.8%	-6.8%

Runway	Arrivals	Departures
RWY 11	1.2%	1.6%
RWY 2	-2.1%	-1.2%
RWY 20	-7.6%	-7.6%
RWY 29	12.3%	9.1%
RWY Unknown	-11.8%	-6.8%