

MINING THE DATA

2021 TOP 500 Rankings and Recovery From Economic Disruptions

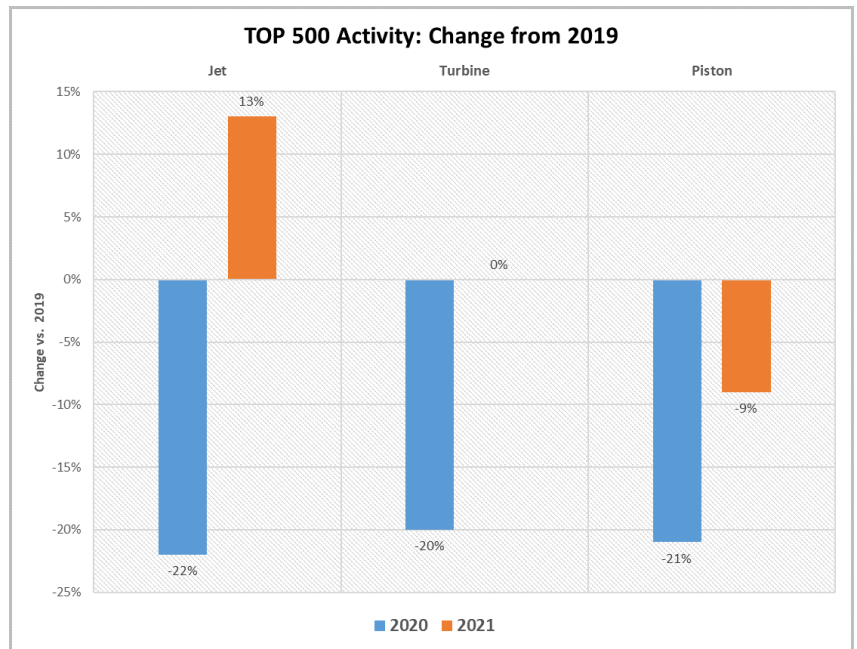
By Mark Chambers



Long-time users of business aviation understand the benefits of private air travel far outweigh the costs involved. These existing private fliers slowed travel briefly in 2020 due to the pandemic-related travel restrictions, returning to more active travel schedules in 2021 meaning more demand for jet aircraft. As travel logistics put a spotlight on time savings, safety and the rest, others reached a tipping point and joined the ranks of business aviation users, many for the first time. Fractional and charter operator offerings were snapped up, used turbine aircraft inventory has decreased to historic lows, and aircraft manufacturers' order books are full.

Annually, NATA asks Aviation Resource Group International to assemble data for the TOP 500 airports. Last year we reported the steep drop off in activity and we all wondered about the shape of a recovery, or if a recovery would ever occur. And now we know.

Comparing activity levels to 2019; “Jet” arrivals and departures increased 13% in 2021 after a 22% decline in a tumultuous 2020. So, a brisk recovery and then some. 2021 “Turbine” activity regained 2019 levels, and “Piston” activity came back to a more normal decline.



Source: FAA TFMSC, ARGI Analyses

Business aviation activity growth has spurred facility development projects as existing hangars are fully occupied. Such projects are springing up on the majority of TOP 500 airports. With today's building costs, FBOs and other developers are finding ways to increase hangar revenue yield to support reasonable financial returns. An instructive example is Sky Harbour, now a public company (NYSE: SKYH, Sky Harbour Group Corporation), having completed several successful hangar projects. The Sky Harbour business model is real estate-based in contrast to most FBOs relying on fuel sales. The company touts a 30% return on equity and targets 50 airports for facility development.

Long Term Growth of "Jet" Activity

2007 to 2021, TOP 100 Airports

Airport	Since 2007 Peak
OPF - Miami	328%
FCM - Minneapolis	192%
BZN - Bozeman	157%
HND - Las Vegas	137%
FOK - Westhampton Beach	134%
APF - Naples	109%
SRQ - Sarasota/Bradenton	96%
TRM - Palm Springs	80%
AUS - Austin	79%
CHS - Charleston	70%
JAC - Jackson	69%
SGR - Houston	67%
TYS - Knoxville	60%
FTW - Fort Worth	60%
SUA - Stuart	56%
BCT - Boca Raton	54%
VRB - Vero Beach	54%
VNY - Van Nuys	52%
PBI - West Palm Beach	52%
PIE - St Petersburg-Clearwater	51%

Source: FAA TFMSC, ARGI Analyses

In addition to assessing recent growth or decline in an airport's activity, measuring longer-term demand for aviation services shows the level resiliency to economic and local challenges that are sure to occur. Such long-term trends are useful to support facility development typically taking years to plan, finance and complete. There was a peak in activity in 2007 just prior to the “Great Recession” (2008-2010). In the years to follow, few airports regained the 2007 peak. Many claimed our industry was stuck in a “New Normal” and that the “BRIC” countries would emerge as leaders in the growth of private aviation. But steadily, U.S. business aviation has shown a resiliency with increasing number of airports reaching and exceeding 2007 peak activity levels. In 2021, 307 of the TOP 500 airports have done so. More active airports with the highest growth rates are shown.

The following airport-by-airport analyses rank the TOP 500 airports based on 2021 “Jet” activity and also show data and trends for the “Turbine” and “Piston” categories. 2021 growth rates are calculated from 2019 in order to eliminate 2020 abnormalities, hence the percent growth is over two years. Airports and FBOs can use the data to track trends and compare activity data with other airports in a particular region. I hope the accompanying listing of the TOP 500 airports is useful as you plan your business in a post-COVID economy.

About the author: Mark Chambers is Managing Partner of Aviation Resource Group International (ARGI), a firm specializing in developing and managing transactions involving aviation service businesses for over 40 years. Prior to partnering with ARGI's founder Steve Dennis, Mark worked in a progression of senior management positions leading FBO services, Part 145 maintenance and avionics operations, and Part 135 charter and a/c management operations. He holds airman ratings up to ATP and has flown 3,600 hours as PIC in both Part 91 and 135 operations, in experimental aircraft, and as a flight instructor. Mr. Chambers soloed on his 16th birthday and began his aviation career as a lineman. See ARGI.com for ARGI expertise, transaction experience, and publications.

About Aviation Resource Group International (ARGI): ARGI is a recognized leader in aviation service mergers and acquisitions, valuations, and related advisory work. Clients are mostly aviation service operations, commonly known as FBOs or SASOs, technical service (or maintenance) businesses, charter-management companies, and airports. ARGI engagements are primarily related to determining value, structuring transactions and managing deal processes between buyer and seller.

Transaction-related engagements include;

- » Establishing fair market value of businesses, real estate, and assets.
- » Sale, acquisition, and merger of FBOs and other specialized aviation businesses.
- » Capital funding requests, loan placement services, and financial planning.

Other aviation service business engagements;

- » Facility development planning, e.g., executive terminal buildings, hangars, and fuel storage facilities.
- » Marketing plan development and implementation.
- » RFP response development and preparation.
- » Ground and facility lease assessment and negotiation.
- » "C" Level recruitment and placement.
- » Litigation support and expert testimony.



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2021 Business Aviation Activity and 2-Year Trend

"TOP 500" (ranked by 2021 Business Aviation "Jet" movements)

Source: FAA TFMSC, ARGI Analyses

TIER 1: Ranks 1 - 100		Jet (+14%)		Turbine (-2%)		Piston (-9%)	
Rank		Movements	'21 vs '19	Movements	'21 vs '19	Movements	'21 vs '19
1	TEB - Teterboro	119,350	-15%	9,457	-20%	2,164	-5%
2	PBI - West Palm Beach	81,652	58%	7,032	-2%	1,601	1%
3	DAL - Dallas	72,878	18%	8,412	-13%	1,346	-17%
4	VNY - Van Nuys	68,512	18%	3,519	-4%	2,305	-8%
5	HPN - White Plains	63,921	12%	11,420	-4%	5,665	-3%
6	OPF - Miami	59,605	58%	4,431	19%	1,933	-9%
7	LAS - Las Vegas	55,808	7%	6,653	10%	611	26%
8	HOU - Houston	52,313	6%	6,357	-21%	956	-32%
9	SDL - Scottsdale	50,970	35%	5,997	19%	1,617	9%
10	APF - Naples	49,787	56%	4,580	32%	3,358	-7%
11	APA - Denver	48,831	16%	15,649	13%	3,536	-3%
12	IAD - Washington	48,237	-12%	8,946	59%	656	-41%
13	PDK - Atlanta	46,330	13%	12,589	3%	6,246	-8%
14	SNA - Santa Ana	43,295	25%	7,537	0%	3,685	-2%
15	MDW - Chicago	40,352	-15%	2,224	-27%	770	-36%
16	AUS - Austin	40,293	42%	8,965	-7%	2,017	3%
17	FXE - Fort Lauderdale	35,747	34%	10,780	9%	5,444	23%
18	BNA - Nashville	35,309	15%	5,617	-20%	3,174	47%
19	BED - Bedford	34,902	2%	5,935	-8%	3,706	7%
20	FLL - Fort Lauderdale	34,457	26%	7,710	-8%	1,115	-12%
21	PWK - Chicago	34,385	29%	4,766	-4%	2,573	-19%
22	SAT - San Antonio	31,455	12%	9,287	3%	2,712	-9%
23	SLC - Salt Lake City	31,354	38%	15,872	10%	957	11%
24	ASE - Aspen	29,085	37%	2,899	26%	299	5%
25	SJC - San Jose	29,008	-4%	3,287	-23%	733	-9%
26	BFI - Seattle	28,898	-1%	13,126	-1%	1,891	-33%
27	BCT - Boca Raton	28,634	22%	2,442	-4%	1,166	-20%
28	PTK - Pontiac	27,782	20%	4,182	-7%	3,104	-14%
29	ADS - Dallas	26,897	34%	6,219	9%	4,667	-9%
30	MIA - Miami	25,732	14%	1,533	-35%	551	-41%
31	BHM - Birmingham	25,154	2%	6,604	5%	2,919	3%
32	SRQ - Sarasota/Bradenton	24,917	53%	4,111	45%	3,455	6%
33	TPA - Tampa	24,701	40%	5,041	-13%	1,366	-8%
34	CLT - Charlotte	24,301	3%	3,663	-9%	1,097	-31%
35	FTW - Fort Worth	24,122	15%	5,920	7%	2,431	12%
36	EGE - Eagle	23,748	34%	2,340	20%	351	9%
37	RDU - Raleigh/Durham	23,597	7%	6,796	-17%	3,636	-26%
38	LAX - Los Angeles	22,845	-8%	5,823	-22%	64	28%
39	PHL - Philadelphia	22,348	11%	1,883	8%	532	-9%
40	MKC - Kansas City	22,137	11%	4,719	27%	1,615	-15%
41	SUS - St Louis	22,034	9%	4,518	-4%	2,982	-3%
42	OAK - Oakland	21,992	-11%	6,872	-21%	662	-6%
43	CRQ - Carlsbad	21,454	34%	3,728	4%	2,085	9%
44	CHS - Charleston	21,348	36%	6,567	-2%	3,238	-10%

45	MMU - Morristown	20,775	-4%	3,703	-2%	1,106	-11%
46	LUK - Cincinnati	20,247	-4%	4,227	45%	2,425	-21%
47	PHX - Phoenix	19,923	26%	12,404	14%	356	-6%
48	TYS - Knoxville	19,872	22%	5,174	12%	7,002	1%
49	SFO - San Francisco	19,667	-4%	2,138	3%	39	-19%
50	CMH - Columbus	19,405	-1%	2,580	-24%	1,799	6%
51	SAV - Savannah	19,185	8%	5,468	1%	4,049	10%
52	SUA - Stuart	19,155	24%	2,921	24%	2,143	-5%
53	FRG - Farmingdale	18,669	25%	1,641	-8%	2,122	-13%
54	ICT - Wichita	18,556	-17%	5,985	-1%	1,355	-2%
55	OMA - Omaha	18,408	14%	5,809	13%	808	-26%
56	JAC - Jackson	18,140	61%	2,353	7%	263	-40%
57	BOS - Boston	18,080	-19%	5,083	-19%	22,643	-17%
58	SAN - San Diego	17,145	19%	2,866	7%	320	22%
59	ORL - Orlando	17,032	26%	4,889	27%	4,715	-4%
60	ECP - Panama City	16,845	62%	6,250	23%	4,148	20%
61	IND - Indianapolis	16,797	5%	2,919	4%	849	4%
62	LIT - Little Rock	16,529	3%	4,940	-12%	1,979	-11%
63	BZN - Bozeman	16,383	59%	3,649	4%	1,004	7%
64	FOK - Westhampton Beach	16,274	94%	1,258	33%	600	8%
65	SGR - Houston	16,268	7%	2,857	-23%	1,701	-6%
66	MCO - Orlando	15,938	8%	3,300	4%	678	5%
67	PIE - St Petersburg-Clearwater	15,848	46%	3,172	36%	2,086	-19%
68	BWI - Baltimore	15,382	15%	9,365	-28%	1,726	43%
69	BJC - Denver	15,330	27%	4,852	11%	1,397	-1%
70	BUR - Burbank	15,126	-9%	2,184	-45%	466	-28%
71	SBA - Santa Barbara	15,115	24%	4,768	-9%	2,054	1%
72	MRY - Monterey	15,058	10%	4,060	1%	1,188	-7%
73	JAX - Jacksonville	14,902	13%	1,492	8%	401	-51%
74	MEM - Memphis	14,576	-8%	6,784	-11%	1,332	-2%
75	TUL - Tulsa	14,223	-4%	3,418	-5%	1,202	-4%
76	ACK - Nantucket	13,564	37%	11,750	13%	12,110	-5%
77	PIT - Pittsburgh	13,165	2%	11,044	-37%	348	7%
78	FTY - Atlanta	13,113	-17%	1,706	-22%	1,135	-23%
79	PSP - Palm Springs	12,798	14%	1,292	20%	417	-19%
80	DTS - Destin	12,773	60%	5,912	4%	4,190	8%
81	CLE - Cleveland	12,613	16%	1,543	-45%	373	31%
82	GSO - Greensboro	12,612	4%	3,606	0%	2,923	-18%
83	HND - Las Vegas	12,374	19%	3,120	-2%	1,769	9%
84	AVL - Asheville	12,366	42%	3,860	3%	3,274	15%
85	DPA - Chicago/West Chicago	12,262	17%	2,928	41%	2,134	-8%
86	APC - Napa	12,233	32%	1,922	-4%	462	-15%
87	CHA - Chattanooga	12,183	11%	2,848	6%	2,213	3%
88	TUS - Tucson	12,140	27%	3,030	12%	880	29%
89	GRR - Grand Rapids	12,089	1%	4,102	10%	1,439	-1%
90	FCM - Minneapolis	11,936	13%	6,053	3%	2,598	1%
91	TRM - Palm Springs	11,555	23%	2,252	-7%	375	-9%
92	SUN - Hailey	11,417	36%	3,485	5%	450	31%
93	MSP - Minneapolis	11,373	-8%	1,378	-72%	2,715	1%
94	VRB - Vero Beach	11,334	46%	1,951	9%	1,876	-12%
95	MKE - Milwaukee	11,229	2%	5,373	0%	879	24%
96	RNO - Reno	11,199	13%	6,703	24%	670	12%
97	STL - St Louis	11,195	-2%	5,096	-32%	3,157	-70%

98	SDF - Louisville	11,134	-6%	1,717	-3%	262	-34%
99	LEX - Lexington	11,115	-1%	2,919	11%	1,998	-9%
100	STP - St Paul	11,110	-9%	4,455	1%	697	-32%
TIER 2: Ranks 101 - 200		Jet (+14%)		Turbine (+3%)		Piston (-3%)	
Rank		Movements	'21 vs '19	Movements	'21 vs '19	Movements	'21 vs '19
101	YIP - Detroit	11,045	9%	1,134	-31%	830	-6%
102	BOI - Boise	10,896	5%	9,637	33%	1,813	25%
103	RSW - Fort Myers	10,860	54%	978	55%	206	16%
104	PWA - Oklahoma City	10,770	23%	2,524	-2%	1,381	-25%
105	LNK - Lincoln	10,712	14%	1,794	8%	1,108	-1%
106	ILM - Wilmington	10,657	20%	4,483	18%	2,401	-11%
107	PDX - Portland	10,461	-2%	10,951	3%	442	-28%
108	FMY - Fort Myers	10,418	66%	3,022	22%	3,616	-13%
109	NEW - New Orleans	10,351	26%	3,268	-20%	2,978	-14%
110	JZI - Charleston	10,298	79%	2,315	23%	2,144	39%
111	JWN - Nashville	10,197	-2%	5,521	12%	4,340	-12%
112	SSI - Brunswick	10,149	55%	3,478	26%	3,185	32%
113	MSY - New Orleans	9,989	-25%	1,451	-25%	437	-31%
114	TMB - Miami	9,820	21%	2,867	58%	2,221	-7%
115	EYW - Key West	9,616	92%	3,811	-7%	2,711	-9%
116	OKC - Oklahoma City	9,581	-16%	3,357	31%	776	-27%
117	BTR - Baton Rouge	9,540	6%	3,875	-16%	1,675	-33%
118	COS - Colorado Springs	9,510	20%	3,778	41%	1,032	-15%
119	TTN - Trenton	9,491	4%	1,470	-11%	703	13%
120	STS - Santa Rosa	9,417	19%	3,274	16%	1,114	9%
121	AGC - Pittsburgh	9,344	-10%	2,604	25%	2,426	10%
122	HXD - Hilton Head Island	9,294	59%	2,843	13%	2,032	-7%
123	BUF - Buffalo	9,258	20%	1,485	36%	1,015	-8%
124	RIC - Richmond	9,248	-18%	3,435	-5%	1,358	1%
125	BDL - Windsor Locks	8,910	-10%	1,268	-12%	326	10%
126	SJU - San Juan	8,844	72%	11,036	19%	790	57%
127	MAF - Midland	8,827	-21%	4,653	-18%	917	55%
128	CAK - Akron	8,819	4%	4,129	-1%	1,970	25%
129	LRD - Laredo	8,794	14%	2,404	33%	867	-5%
130	ORF - Norfolk	8,782	4%	2,748	10%	1,380	-34%
131	ELP - El Paso	8,762	31%	4,542	68%	1,470	-7%
132	LBB - Lubbock	8,726	8%	8,145	5%	2,358	11%
133	RYY - Atlanta	8,643	29%	3,281	-7%	2,932	3%
134	LGB - Long Beach	8,625	-3%	2,167	-3%	1,413	0%
135	DSM - Des Moines	8,586	-17%	3,579	2%	1,165	-9%
136	CGF - Cleveland	8,579	21%	1,013	-8%	493	-34%
137	SAF - Santa Fe	8,496	19%	2,864	15%	785	-17%
138	IAH - Houston	8,431	-23%	1,611	-48%	139	-40%
139	AGS - Augusta	8,368	-6%	1,530	-7%	648	29%
140	ISM - Orlando	8,335	12%	1,867	-7%	2,082	-9%
141	MSN - Madison	8,245	1%	2,599	-6%	1,518	-9%
142	RIL - Rifle	8,242	34%	1,161	22%	164	6%
143	ANC - Anchorage	8,201	-12%	17,459	13%	798	20%
144	BKL - Cleveland	8,190	0%	1,242	-11%	669	-13%
145	MTN - Baltimore	8,009	21%	1,864	44%	1,265	-10%
146	ABQ - Albuquerque	7,815	20%	14,786	24%	986	-17%
147	CHO - Charlottesville	7,675	4%	2,710	-7%	989	-17%

148	CMA - Camarillo	7,636	24%	3,413	2%	2,091	13%
149	RST - Rochester	7,621	10%	3,001	-3%	1,749	10%
150	JQF - Concord	7,590	25%	3,146	-3%	2,203	-5%
151	ILG - Wilmington	7,557	-16%	1,059	0%	580	-25%
152	TEX - Telluride	7,358	60%	1,939	-31%	271	2%
153	HYA - Hyannis	7,274	54%	1,517	-41%	6,870	12%
154	FSD - Sioux Falls	7,257	9%	13,083	17%	2,658	-27%
155	SDM - San Diego	7,227	53%	1,430	40%	378	17%
156	ROC - Rochester	7,141	12%	2,549	-24%	1,051	14%
157	DFW - Dallas/Ft. Worth	6,999	4%	9,433	-25%	167	-34%
158	SGJ - St Augustine	6,997	43%	2,449	15%	2,316	13%
159	ABE - Allentown	6,985	20%	1,477	-8%	1,110	7%
160	MTH - Marathon	6,864	111%	2,573	45%	2,056	9%
161	SBN - South Bend	6,857	2%	1,320	-10%	549	-31%
162	HIO - Portland	6,838	57%	1,888	18%	902	-16%
163	LZU - Lawrenceville	6,837	3%	4,881	2%	2,937	1%
164	TLH - Tallahassee	6,798	21%	3,898	-9%	2,447	-22%
165	PNE - Philadelphia	6,779	-2%	1,208	1%	708	-23%
166	MLB - Melbourne	6,772	41%	1,510	0%	2,033	-7%
167	BLM - Belmar/Farmingdale	6,763	53%	1,085	18%	894	40%
168	CXO - Houston	6,754	22%	1,974	17%	1,682	27%
169	UGN - Chicago/Waukegan	6,654	3%	461	-18%	497	-15%
170	GPI - Kalispell	6,628	47%	2,672	39%	972	39%
171	TYQ - Indianapolis	6,568	22%	1,194	19%	1,642	14%
172	GNV - Gainesville	6,558	22%	2,545	13%	2,152	-4%
173	PWM - Portland	6,498	25%	3,895	4%	1,807	5%
174	SGF - Springfield	6,475	-1%	1,770	-1%	1,275	-3%
175	ACY - Atlantic City	6,407	15%	1,036	-14%	568	-2%
176	MVY - Vineyard Haven	6,406	53%	5,487	14%	5,916	-2%
177	JAN - Jackson	6,336	3%	2,282	71%	724	43%
178	OSU - Columbus	6,253	25%	4,948	21%	1,341	-11%
179	GSP - Greer	6,242	31%	2,549	2%	852	2%
180	HEF - Washington	6,235	-11%	5,585	18%	2,689	-12%
181	MQY - Smyrna	6,229	51%	2,366	-17%	3,424	36%
182	ROG - Rogers	6,193	-14%	800	36%	349	-20%
183	AAO - Wichita	6,184	71%	2,006	5%	1,219	-9%
184	HTO - East Hampton	6,173	51%	2,839	24%	1,127	15%
185	DEN - Denver	6,134	-11%	5,454	-56%	2,011	-8%
186	DWH - Houston	6,122	8%	2,154	-8%	2,136	9%
187	ORD - Chicago	6,114	-19%	2,685	-38%	1,715	-34%
188	EDC - Austin	6,052	2%	3,110	-11%	3,273	-20%
189	PVD - Providence	6,032	-4%	3,277	12%	251	-33%
190	BRO - Brownsville	5,993	75%	2,272	12%	1,369	37%
191	CAE - Columbia	5,967	2%	4,992	-8%	1,598	1%
192	GYG - Gary	5,937	2%	922	-16%	640	-24%
193	HCR - Heber	5,932	106%	1,324	58%	190	37%
194	GRB - Green Bay	5,927	10%	2,029	-17%	1,424	2%
195	PNS - Pensacola	5,922	32%	4,040	42%	2,264	15%
196	HWD - Hayward	5,916	12%	1,465	-1%	1,150	-18%
197	MKY - Marco Island	5,874	90%	885	55%	567	33%
198	IXD - Olathe	5,710	7%	999	-42%	1,282	-10%
199	DAY - Dayton	5,702	8%	1,208	-2%	635	-16%
200	PVU - Provo	5,697	27%	2,186	109%	621	78%

TIER 3: Ranks 201 - 300

Jet (+13%)

Turbine (-3%)

Piston (-23%)

Rank		Jet (+13%)		Turbine (-3%)		Piston (-23%)	
		Movements	'21 vs '19	Movements	'21 vs '19	Movements	'21 vs '19
201	UES - Waukesha	5,656	13%	1,628	23%	1,236	11%
202	DAB - Daytona Beach	5,651	23%	936	-12%	1,940	-32%
203	HDN - Hayden	5,579	35%	1,695	-2%	185	-25%
204	MFE - Mc Allen	5,575	16%	3,888	41%	2,176	29%
205	AFW - Fort Worth	5,543	40%	3,019	-9%	817	40%
206	LBE - Latrobe	5,513	-2%	859	6%	436	-4%
207	TKI - Dallas	5,497	13%	1,255	-9%	2,021	27%
208	ISP - New York	5,459	34%	1,045	37%	1,107	6%
209	DTW - Detroit	5,426	-22%	556	-30%	392	20%
210	BTV - Burlington	5,403	11%	2,564	24%	1,413	5%
211	TVC - Traverse City	5,401	49%	3,248	4%	1,648	-13%
212	IWA - Phoenix	5,392	9%	1,602	36%	337	60%
213	ATL - Atlanta	5,357	-22%	3,629	-33%	265	-37%
214	MSO - Missoula	5,309	61%	2,216	24%	343	5%
215	AMA - Amarillo	5,245	11%	2,753	21%	672	20%
216	INT - Winston Salem	5,229	-6%	1,204	-35%	1,354	-7%
217	SWF - Newburgh	5,202	-1%	838	-2%	399	-7%
218	TRI - Bristol/Johnson/Kingsport	5,196	3%	1,245	-13%	1,533	5%
219	TME - Houston	5,182	29%	2,224	-16%	1,357	6%
220	SFB - Orlando	5,152	45%	1,353	-19%	5,776	-78%
221	EWR - Newark	5,136	-22%	4,182	-19%	71	-59%
222	COE - Coeur D`alene	5,126	63%	1,795	60%	523	35%
223	HDC - Hammond	5,110	48%	1,338	6%	776	-24%
224	HSV - Huntsville	5,086	11%	2,303	10%	1,228	-10%
225	LGA - New York	5,082	-7%	577	16%	142	115%
226	CRG - Jacksonville	5,020	40%	3,950	70%	3,421	-33%
227	FAR - Fargo	5,009	5%	10,950	10%	2,992	4%
228	DVT - Phoenix	4,994	67%	2,472	77%	928	16%
229	07FA - Key Largo	4,993	68%	1,578	58%	287	62%
230	GJT - Grand Junction	4,950	1%	3,681	31%	478	-17%
231	OCF - Ocala	4,906	49%	1,426	20%	1,596	-45%
232	PLN - Pellston	4,892	40%	1,636	1%	405	-8%
233	JVL - Janesville	4,826	13%	420	-39%	498	-2%
234	PSM - Portsmouth	4,824	16%	4,049	-4%	750	20%
235	UAO - Aurora	4,773	14%	2,330	2%	655	-16%
236	TCL - Tuscaloosa	4,709	-2%	2,247	1%	1,199	1%
237	SYR - Syracuse	4,691	16%	2,338	-13%	769	-10%
238	LFT - Lafayette	4,660	1%	2,056	-20%	1,129	-16%
239	JVY - Jeffersonville	4,656	21%	548	-26%	874	8%
240	CLL - College Station	4,655	-3%	2,875	-3%	1,122	11%
241	RVS - Tulsa	4,601	42%	1,631	13%	1,737	8%
242	OXC - Oxford	4,598	11%	1,535	5%	524	0%
243	XNA - Fayetteville/Springdale/	4,597	0%	707	26%	262	47%
244	MQJ - Indianapolis	4,588	19%	635	-11%	578	3%
245	TYR - Tyler	4,523	-2%	2,318	-6%	825	-16%
246	TRK - Truckee	4,494	15%	3,210	-4%	825	-5%
247	MTJ - Montrose	4,491	11%	1,237	4%	280	0%
248	JKA - Gulf Shores	4,490	28%	2,286	3%	2,958	6%
249	PHF - Newport News	4,480	-16%	1,641	3%	792	-17%
250	BGR - Bangor	4,441	-18%	2,823	-11%	562	-19%

251	SHV - Shreveport	4,379	-10%	1,122	-29%	700	-24%
252	KOA - Kailua/Kona	4,376	68%	1,597	-47%	126	-47%
253	ARR - Chicago/Aurora	4,373	16%	520	1%	870	18%
254	STT - Charlotte Amalie	4,363	69%	421	1%	525	116%
255	MQS - Coatesville	4,359	21%	647	-15%	260	-2%
256	BFL - Bakersfield	4,357	1%	3,471	-19%	559	-49%
257	SJT - San Angelo	4,353	1%	3,845	3%	619	-26%
258	ALB - Albany	4,290	-1%	2,765	-12%	1,099	-57%
259	FWA - Fort Wayne	4,271	18%	1,120	21%	674	-19%
260	ATW - Appleton	4,257	4%	1,923	-15%	820	1%
261	MDT - Harrisburg	4,257	5%	2,358	-16%	368	-6%
262	FYV - Fayetteville	4,207	48%	1,147	7%	1,245	37%
263	FPR - Fort Pierce	4,174	36%	1,996	-6%	2,546	-17%
264	GMU - Greenville	4,150	19%	2,400	-3%	3,774	27%
265	ONT - Ontario	4,144	15%	5,399	1%	143	-34%
266	ENW - Kenosha	4,119	30%	972	25%	373	15%
267	FNL - Fort Collins/Loveland	4,084	18%	1,712	35%	699	41%
268	DET - Detroit	4,047	2%	933	-23%	1,135	7%
269	PGA - Page	4,034	39%	2,714	66%	332	9%
270	GGG - Longview	4,026	-5%	1,558	-6%	1,093	-31%
271	TOL - Toledo	4,000	4%	1,143	-21%	647	-17%
272	CCR - Concord	3,995	7%	1,333	5%	879	8%
273	MCC - Sacramento	3,980	56%	2,846	14%	520	-18%
274	JFK - New York	3,965	-32%	565	-25%	893	16%
275	CRP - Corpus Christi	3,964	-1%	5,281	14%	876	-25%
276	JYO - Leesburg	3,945	27%	1,914	28%	3,231	6%
277	HNL - Honolulu	3,936	8%	27,158	-14%	460	-56%
278	LAL - Lakeland	3,932	23%	1,611	24%	1,375	-55%
279	SBM - Sheboygan	3,901	41%	753	34%	480	-15%
280	MDD - Midland	3,899	-13%	2,051	-31%	592	-25%
281	CVG - Covington	3,879	2%	1,411	9%	270	-13%
282	COU - Columbia	3,873	17%	1,444	15%	659	-45%
283	HHR - Hawthorne	3,851	15%	3,522	-9%	1,156	-18%
284	FAT - Fresno	3,832	2%	4,138	10%	1,044	-9%
285	OGG - Kahului	3,791	58%	3,126	-60%	233	-31%
286	LWB - Lewisburg	3,779	23%	1,348	-2%	618	2%
287	EUG - Eugene	3,760	23%	2,380	4%	625	9%
288	GTR - Columbus/W Point/Starkville	3,731	-43%	481	48%	238	-37%
289	RBD - Dallas	3,720	74%	1,538	18%	1,311	48%
290	LEB - Lebanon	3,715	7%	899	-36%	4,412	0%
291	MLU - Monroe	3,697	-8%	1,035	-63%	1,130	4%
292	BIL - Billings	3,670	18%	7,522	18%	6,337	-28%
293	CPS - Cahokia/St Louis	3,643	-16%	1,312	-5%	1,123	-30%
294	OQU - North Kingstown	3,591	33%	728	8%	294	-8%
295	GUC - Gunnison	3,584	46%	1,147	21%	282	-2%
296	CEU - Clemson	3,567	44%	1,228	22%	940	25%
297	PUB - Pueblo	3,515	17%	1,432	14%	579	32%
298	SLN - Salina	3,493	9%	679	16%	563	5%
299	GKY - Arlington	3,488	5%	1,293	53%	1,493	31%
300	MHR - Sacramento	3,469	14%	3,917	-3%	703	-40%

TIER 4: Ranks 301 - 400		Jet (+9%)		Turbine (+4%)		Piston (-1%)	
		Movements	'21 vs '19	Movements	'21 vs '19	Movements	'21 vs '19
301	ABI - Abilene	3,464	-16%	3,992	-4%	795	-28%
302	CNO - Chino	3,462	39%	991	23%	966	-10%
303	UOX - Oxford	3,460	21%	1,305	17%	698	-19%
304	DTO - Denton	3,437	18%	1,242	-9%	950	7%
305	LVK - Livermore	3,410	20%	956	14%	542	-33%
306	CID - Cedar Rapids	3,390	-4%	668	-16%	651	-26%
307	SGU - St George	3,369	103%	3,382	78%	646	78%
308	ACT - Waco	3,347	-26%	1,551	-14%	993	2%
309	RAP - Rapid City	3,343	24%	4,479	35%	1,110	1%
310	CSG - Columbus	3,335	9%	1,255	0%	1,120	9%
311	GTF - Great Falls	3,319	5%	2,445	-17%	609	7%
312	FA54 - Placida	3,316	56%	348	126%	24	9%
313	ESN - Easton	3,311	63%	1,013	38%	718	-19%
314	ALN - Alton/St Louis	3,297	0%	276	-39%	393	19%
315	UDD - Palm Springs	3,291	25%	1,054	-14%	298	-24%
316	HVN - New Haven	3,286	-3%	988	-21%	316	-30%
317	IDA - Idaho Falls	3,254	31%	2,417	25%	257	-19%
318	AUO - Auburn	3,227	1%	1,467	23%	1,747	-12%
319	AZO - Kalamazoo	3,223	20%	916	-34%	962	23%
320	SBP - San Luis Obispo	3,223	-8%	2,974	-13%	1,262	-9%
321	SMF - Sacramento	3,217	-4%	6,097	15%	87	-21%
322	SOP - Pinehurst/Southern Pines	3,212	39%	1,555	38%	894	-20%
323	MYR - Myrtle Beach	3,181	28%	1,435	-13%	1,625	-21%
324	VNC - Venice	3,145	57%	664	11%	991	5%
325	BDR - Bridgeport	3,136	15%	1,678	-9%	660	-18%
326	ROA - Roanoke	3,127	-17%	1,765	-7%	1,009	-27%
327	DLH - Duluth	3,116	9%	1,066	-5%	2,339	-12%
328	LNS - Lancaster	3,103	22%	5,105	4%	2,022	7%
329	DBQ - Dubuque	3,097	-3%	330	-38%	409	-57%
330	GON - Groton (New London)	3,085	22%	1,537	14%	1,007	3%
331	EVV - Evansville	3,065	3%	1,536	8%	1,026	-12%
332	MEI - Meridian	3,047	-13%	777	-14%	1,142	10%
333	DZB - Horseshoe Bay	3,046	36%	1,363	8%	419	4%
334	BHB - Bar Harbor	3,028	27%	1,266	28%	3,522	63%
335	PGD - Punta Gorda	2,992	50%	583	55%	1,340	-15%
336	FHB - Fernandina Beach	2,984	35%	717	-13%	1,199	4%
337	MGM - Montgomery	2,966	-24%	2,310	-2%	1,193	-17%
338	PAE - Everett	2,950	35%	1,095	25%	1,172	2%
339	AFJ - Washington	2,932	15%	452	-13%	454	-3%
340	MFR - Medford	2,912	-2%	2,122	-3%	684	6%
341	MHT - Manchester	2,899	-3%	1,610	-13%	446	-22%
342	PSC - Pasco	2,863	3%	2,520	37%	195	-29%
343	MLI - Moline	2,862	-27%	866	-5%	527	-1%
344	CMI - Champaign/Urbana	2,839	-7%	374	-2%	670	-27%
345	BFM - Mobile	2,836	-1%	1,708	-27%	941	14%
346	GEG - Spokane	2,833	-11%	5,280	10%	256	-24%
347	MCI - Kansas City	2,827	-11%	384	-20%	174	-22%
348	SEE - San Diego/El Cajon	2,773	16%	1,183	-15%	487	37%
349	TVI - Thomasville	2,762	15%	1,001	-9%	596	38%
350	YUM - Yuma	2,756	-4%	4,485	10%	264	-22%

351	DRO - Durango	2,745	61%	3,456	20%	473	40%
352	BIV - Holland	2,736	-14%	510	-11%	774	-17%
353	BMG - Bloomington	2,735	-1%	979	-6%	673	-20%
354	GPT - Gulfport	2,733	-11%	1,729	7%	595	-8%
355	RDG - Reading	2,723	-24%	3,301	29%	1,632	81%
356	efd - Houston	2,711	-8%	843	-8%	911	-14%
357	DIJ - Driggs	2,693	74%	609	60%	232	56%
358	SMO - Santa Monica	2,691	-10%	2,090	-39%	2,639	1%
359	SVH - Statesville	2,668	0%	901	-15%	653	-16%
360	OLV - Olive Branch	2,626	25%	1,239	21%	1,633	10%
361	FLG - Flagstaff	2,619	64%	1,962	10%	411	22%
362	BPT - Beaumont/Port Arthur	2,601	-6%	901	-5%	387	-31%
363	GVL - Gainesville	2,596	11%	684	10%	1,080	5%
364	SIG - San Juan	2,593	18%	657	0%	516	14%
365	SUX - Sioux City	2,590	-13%	711	-12%	475	-6%
366	BDN - Bend	2,587	33%	3,400	9%	1,080	31%
367	AVP - Wilkes-Barre/Scranton	2,572	23%	1,339	-22%	502	-32%
368	SPI - Springfield	2,563	-7%	522	-4%	688	-28%
369	VGT - Las Vegas	2,538	-1%	3,570	15%	1,257	-4%
370	AHN - Athens	2,534	11%	1,713	4%	1,573	7%
371	HKY - Hickory	2,519	22%	844	85%	1,036	28%
372	LOT - Chicago/Romeoville	2,519	7%	282	-64%	536	65%
373	RDM - Redmond	2,515	20%	2,840	51%	362	3%
374	EQY - Monroe	2,503	59%	914	19%	2,073	3%
375	MCN - Macon	2,500	21%	857	-22%	1,108	-21%
376	T82 - Fredericksburg	2,500	51%	955	-13%	1,060	12%
377	MYF - San Diego	2,467	-3%	3,863	0%	2,640	3%
378	TXK - Texarkana	2,461	2%	1,400	-3%	837	-19%
379	BVY - Beverly	2,432	9%	831	2%	632	-4%
380	PIA - Peoria	2,423	-10%	950	5%	666	-5%
381	AIK - Aiken	2,416	2%	925	-16%	606	-5%
382	BBG - Branson	2,416	50%	514	5%	475	15%
383	YNG - Youngstown/Warren	2,393	-8%	612	-36%	460	19%
384	BIS - Bismarck	2,355	-9%	4,664	26%	2,445	16%
385	LEE - Leesburg	2,345	30%	528	15%	944	3%
386	BLI - Bellingham	2,342	3%	2,182	-7%	621	-29%
387	DHN - Dothan	2,340	-7%	3,989	-2%	1,196	50%
388	LCI - Laconia	2,339	21%	705	5%	844	42%
389	BMI - Bloomington/Normal	2,337	-4%	484	-7%	720	14%
390	PSF - Pittsfield	2,334	47%	333	11%	231	-23%
391	LYH - Lynchburg	2,318	9%	783	20%	1,207	4%
392	MOB - Mobile	2,311	-4%	809	68%	655	32%
393	OGD - Ogden	2,308	30%	2,113	19%	432	13%
394	ERV - Kerrville	2,304	25%	835	-22%	538	-17%
395	GTU - Georgetown	2,300	83%	1,262	-12%	1,716	9%
396	LAN - Lansing	2,295	-24%	3,254	-10%	533	-41%
397	SCK - Stockton	2,276	-4%	636	4%	492	4%
398	SEZ - Sedona	2,268	75%	599	79%	352	47%
399	FCI - Richmond	2,257	4%	852	12%	1,403	2%
400	ASG - Springdale	2,249	-2%	1,603	2%	821	-22%

TIER 5: Ranks 401 - 500

Rank		Jet (+10%)		Turbine (+4%)		Piston (-9%)	
		Movements	'21 vs '19	Movements	'21 vs '19	Movements	'21 vs '19
401	RKD - Rockland	2,244	38%	617	7%	2,490	-3%
402	AIZ - Kaiser/Lake Ozark	2,240	70%	1,159	21%	655	8%
403	JBR - Jonesboro	2,239	23%	3,128	0%	1,267	1%
404	GRK - Fort Hood/Killeen	2,228	-24%	3,021	35%	16	220%
405	FAY - Fayetteville	2,221	12%	1,048	13%	645	-34%
406	IOW - Iowa City	2,221	54%	774	-26%	594	15%
407	DNA - SANTA TERESA	2,218	19%	892	29%	292	7%
408	OUN - Norman	2,202	31%	567	-4%	645	-4%
409	IKV - Ankeny	2,197	55%	1,000	-8%	700	9%
410	EKM - Elkhart	2,194	4%	677	-6%	531	-13%
411	LBL - Liberal	2,189	65%	1,299	42%	300	-21%
412	BTL - Battle Creek	2,186	-4%	483	11%	1,608	-11%
413	CQF - Fairhope	2,161	27%	614	40%	1,189	-1%
414	FSM - Fort Smith	2,126	-14%	1,522	11%	790	-29%
415	BKV - Brooksville	2,108	13%	595	28%	589	43%
416	ELM - Elmira/Corning	2,105	-15%	1,645	-17%	404	12%
417	BLV - Belleville	2,103	2%	129	-33%	32	-36%
418	JEF - Jefferson City	2,098	37%	1,287	68%	792	3%
419	EAU - Eau Claire	2,089	-22%	469	-10%	393	-31%
420	ODO - Odessa	2,068	-19%	825	-40%	414	-34%
421	TWF - Twin Falls	2,067	24%	2,843	17%	246	59%
422	TUP - Tupelo	2,062	3%	795	-26%	630	-1%
423	HAO - Hamilton	2,060	37%	489	-32%	624	-35%
424	CRW - Charleston	2,053	0%	1,337	-34%	1,182	4%
425	CPR - Casper	2,044	-12%	4,494	-18%	968	31%
426	EKY - Bessemer	2,044	17%	653	11%	544	0%
427	ISO - Kinston	2,037	3%	283	-31%	229	141%
428	BAZ - New Braunfels	2,018	33%	894	-14%	696	-21%
429	CVX - Charlevoix	2,002	36%	712	-12%	463	-35%
430	BQK - Brunswick	1,986	8%	330	45%	421	61%
431	STX - Christiansted	1,986	12%	466	-54%	405	123%
432	MGW - Morgantown	1,984	6%	4,453	-2%	548	11%
433	RBW - Waltherboro	1,974	42%	520	13%	229	-2%
434	DCA - Washington	1,970	-45%	141	-32%	11	-65%
435	UNV - State College	1,944	-10%	2,507	-15%	830	38%
436	MGY - Dayton	1,943	30%	621	-2%	669	7%
437	LSE - La Crosse	1,942	13%	560	14%	425	43%
438	SLK - Saranac Lake	1,941	36%	639	25%	2,207	1%
439	OTH - North Bend	1,933	62%	2,185	23%	258	8%
440	EWB - New Bedford	1,919	42%	1,066	102%	1,241	5%
441	FFC - Atlanta	1,917	12%	470	28%	705	1%
442	FOE - Topeka	1,916	0%	1,087	23%	134	-52%
443	SNS - Salinas	1,912	-14%	547	-14%	516	10%
444	BTP - Butler	1,892	53%	314	35%	617	83%
445	3J7 - Greensboro	1,874	49%	580	44%	382	98%
446	SBD - San Bernardino	1,874	35%	780	54%	269	-17%
447	TIW - Tacoma	1,865	42%	866	25%	548	7%
448	ANE - Minneapolis	1,853	-12%	2,768	-3%	3,000	-8%
449	ARV - Minocqua-Woodruff	1,847	52%	577	-41%	407	4%
450	27K - Georgetown	1,835	76%	261	17%	187	11%

451	HOT - Hot Springs	1,812	-3%	2,566	-1%	702	4%
452	FDK - Frederick	1,805	6%	366	-21%	875	-11%
453	ABY - Albany	1,798	4%	1,251	-2%	768	8%
454	PIR - Pierre	1,790	45%	3,830	33%	414	-59%
455	LBF - North Platte	1,787	13%	2,278	10%	416	30%
456	HYI - San Marcos	1,786	10%	881	-33%	791	-13%
457	JNU - Juneau	1,780	-10%	3,470	20%	75	-75%
458	MKL - Jackson	1,780	57%	2,541	-14%	1,265	5%
459	BWG - Bowling Green	1,769	13%	484	11%	731	11%
460	LUL - Laurel	1,748	-44%	117	-9%	332	4%
461	PGV - Greenville	1,740	-3%	433	34%	615	-8%
462	GYH - Greenville	1,733	14%	1,470	3%	620	-1%
463	OJC - Olathe	1,732	70%	3,063	43%	1,454	38%
464	SBY - Salisbury	1,727	61%	2,094	2%	357	3%
465	LAF - Lafayette	1,725	-26%	539	-2%	773	-55%
466	BAF - Westfield/Springfield	1,721	4%	286	57%	486	-2%
467	FAI - Fairbanks	1,721	-9%	8,781	23%	1,768	-34%
468	ORH - Worcester	1,714	12%	822	21%	277	-15%
469	OWB - Owensboro	1,701	41%	390	-24%	949	-64%
470	GAI - Gaithersburg	1,678	49%	1,581	-5%	1,538	-21%
471	HUM - Houma	1,666	-8%	994	1%	600	6%
472	CNM - Carlsbad	1,665	-27%	4,447	12%	198	-30%
473	FNT - Flint	1,658	30%	1,507	-5%	586	1%
474	HII - Lake Havasu City	1,652	46%	1,819	37%	358	-7%
475	GED - Georgetown	1,648	44%	347	-8%	671	22%
476	FFZ - Mesa	1,646	49%	1,646	56%	411	-10%
477	JLN - Joplin	1,645	-5%	807	-23%	423	-28%
478	ITH - Ithaca	1,641	-12%	450	-7%	414	-14%
479	RFD - Chicago/Rockford	1,633	-7%	375	25%	540	-13%
480	GYR - Goodyear	1,631	84%	266	43%	221	-19%
481	VLD - Valdosta	1,625	6%	1,989	3%	803	-20%
482	MBO - Madison	1,619	93%	1,297	-6%	898	-28%
483	SAA - Saratoga	1,617	42%	186	23%	62	72%
484	RDD - Redding	1,608	42%	5,212	38%	566	-38%
485	TVL - South Lake Tahoe	1,582	32%	509	2%	154	-6%
486	OSH - Oshkosh	1,579	-7%	774	-4%	1,572	56%
487	STC - St Cloud	1,579	1%	631	9%	324	-35%
488	SLE - Salem	1,577	38%	1,333	-6%	306	-19%
489	GKT - Sevierville	1,575	38%	600	49%	1,162	14%
490	MKG - Muskegon	1,560	26%	1,168	2%	669	-27%
491	SMX - Santa Maria	1,558	3%	2,352	8%	599	-11%
492	COD - Cody	1,556	22%	844	-34%	437	-5%
493	WDG - Enid	1,546	-32%	1,567	9%	213	17%
494	MBS - Saginaw	1,535	-27%	1,120	-1%	439	-12%
495	VCT - Victoria	1,530	-5%	1,165	-66%	198	-20%
496	GGE - Georgetown	1,524	54%	779	65%	1,063	18%
497	CXY - Harrisburg	1,510	-23%	833	-19%	730	-10%
498	GCK - Garden City	1,497	0%	1,924	11%	555	12%
499	BAK - Columbus	1,494	-23%	466	33%	456	-14%
500	SEA - Seattle	1,491	-13%	2,355	-1%	32	-92%