

2.7 1999 GENERAL AVIATION AND AIR TAXI ACTIVE AIRCRAFT  
TOTAL FLIGHT HOURS BY NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE  
BY AIRCRAFT TYPE INCLUDES AIR TAXI AIRCRAFT EXCLUDES COMMUTER AIRCRAFT

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AIRCRAFT TYPE	Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOURS RANGE							
		1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours	401 - 500 Hours	
Fixed Wing									
Fixed Wing - Piston									
1 Eng: 1-3 Seats	Aircraft	42,578	21,020	9,953	3,450	1,589	2,465	1,203	905
	Hours	5,185,395	577,762	763,905	435,392	294,271	652,112	438,966	425,143
1 Eng: 4+ Seats	Aircraft	108,307	36,277	32,134	17,096	8,175	6,628	2,644	1,527
	Hours	14,139,841	1,106,150	2,533,736	2,198,748	1,527,550	1,686,243	965,036	723,679
1 Engine: Total	Aircraft	150,886	57,297	42,086	20,546	9,764	9,093	3,848	2,432
	Hours	19,325,236	1,683,912	3,297,642	2,634,140	1,821,821	2,338,354	1,404,002	1,148,821
2 Eng: 1-6 Seats	Aircraft	14,244	3,408	4,194	2,743	1,400	1,362	406	311
	Hours	2,055,820	106,237	348,104	355,921	260,421	345,694	141,622	141,848
2 Eng: 7+ Seats	Aircraft	6,685	920	1,392	1,116	871	1,002	566	336
	Hours	1,495,475	30,733	114,046	148,730	165,854	258,529	203,985	154,781
2 Engine: Total	Aircraft	20,930	4,328	5,587	3,859	2,271	2,364	972	647
	Hours	3,551,295	136,969	462,150	504,651	426,275	604,222	345,607	296,629
Piston: Other	Aircraft	108	47	0	18	11	24	4	0
	Hours	18,425	1,288	0	2,363	2,096	5,805	1,295	0
Piston: Total	Aircraft	171,923	61,672	47,673	24,423	12,047	11,482	4,823	3,079
	Hours	22,894,957	1,822,169	3,759,792	3,141,154	2,250,192	2,948,382	1,750,904	1,445,450

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		1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours	401 - 500 Hours	
Fixed Wing - Turboprop									
1 Engine: Total	Aircraft	1,018	46	158	78	192	172	105	34
	Hours	357,301	1,925	11,862	10,501	35,932	46,192	34,616	16,896
2 Eng: 1-12 Seats	Aircraft	3,658	90	253	437	520	1,068	742	291
	Hours	1,034,997	2,991	22,657	61,215	95,212	277,428	266,632	131,477
2 Eng: 13+ Seats	Aircraft	983	28	59	60	108	151	198	127
	Hours	415,226	703	4,449	7,689	20,725	40,792	74,107	57,933
2 Engine: Total	Aircraft	4,641	118	312	497	628	1,219	939	418
	Hours	1,450,223	3,694	27,106	68,903	115,938	318,220	340,740	189,410
Turboprop: Other	Aircraft	21	2	0	12	0	0	7	0
	Hours	4,301	44	0	1,854	0	0	2,403	0
Turboprop: Total	Aircraft	5,679	167	470	587	820	1,391	1,051	452
	Hours	1,811,824	5,664	38,967	81,259	151,870	364,412	377,759	206,306
Fixed Wing - Turbojet									
2 Engine Turbojet	Aircraft	6,387	199	435	621	531	1,158	1,198	687
	Hours	2,434,940	5,643	38,276	82,637	101,009	304,818	432,187	312,968
Turbojet: Other	Aircraft	733	33	33	14	44	152	127	122
	Hours	303,454	670	3,031	1,988	7,579	41,638	44,954	56,317
Turbojet: Total	Aircraft	7,120	232	469	635	574	1,310	1,325	809
	Hours	2,738,394	6,313	41,307	84,625	108,588	346,456	477,142	369,285
Fixed Wing: Total	Aircraft	184,723	62,070	48,612	25,645	13,441	14,183	7,199	4,340
	Hours	27,445,175	1,834,146	3,840,066	3,307,038	2,510,650	3,659,250	2,605,804	2,021,041

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		1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours	401 - 500 Hours	
<b>Rotorcraft</b>									
Piston	Aircraft Hours	2,564 556,268	595 15,717	516 41,777	270 34,837	241 45,222	345 90,351	223 79,115	92 41,618
1 Eng: Turbine	Aircraft Hours	4,045 1,744,944	346 9,030	465 39,191	301 40,358	221 41,300	570 151,669	495 177,690	306 137,688
Multi-Eng: Turbine	Aircraft Hours	839 443,277	35 743	59 4,591	28 3,519	79 14,586	115 28,817	103 36,313	77 34,379
Turbine: Total	Aircraft Hours	4,884 2,188,221	381 9,773	524 43,782	329 43,877	300 55,886	686 180,486	598 214,003	383 172,066
Rotorcraft: Total	Aircraft Hours	7,448 2,744,490	976 25,491	1,040 85,559	599 78,714	541 101,107	1,030 270,836	821 293,119	475 213,684
<b>Other Aircraft</b>									
Gliders	Aircraft Hours	2,041 154,680	1,223 29,729	423 31,753	138 17,200	85 16,186	103 25,677	19 6,969	29 13,484
Lighter-than-air	Aircraft Hours	4,725 164,294	4,089 88,999	511 33,854	64 7,890	6 1,226	21 5,104	19 6,282	0 0
Other aircraft: Total	Aircraft Hours	6,765 318,974	5,311 118,728	933 65,607	203 25,090	91 17,412	124 30,781	39 13,251	29 13,484
<b>Experimental</b>									
Amateur:	Aircraft Hours	16,858 879,889	11,184 291,167	3,773 289,029	1,235 154,828	442 78,943	138 31,938	68 22,544	12 5,680
Exhibition:	Aircraft Hours	1,999 120,947	1,129 30,093	574 44,203	213 27,564	58 10,709	14 3,416	6 2,351	5 2,611
Other:	Aircraft Hours	1,671 246,931	610 17,445	427 33,712	199 25,830	70 12,274	115 28,328	77 28,040	77 34,517
Experimental: Total	Aircraft Hours	20,528 1,247,767	12,922 338,705	4,774 366,944	1,647 208,221	571 101,926	267 63,682	151 52,935	94 42,808
Total All Aircraft	Aircraft Hours	219,464 31,756,405	81,280 2,317,070	55,359 4,358,176	28,094 3,619,062	14,644 2,731,096	15,604 4,024,550	8,210 2,965,110	4,938 2,291,016

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AIRCRAFT TYPE	Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOURS RANGE					
		501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours	
Fixed Wing							
Fixed Wing - Piston							
1 Eng: 1-3 Seats	Aircraft	42,578	1,021	661	216	37	58
	Hours	5,185,395	608,350	564,942	252,660	51,310	120,582
1 Eng: 4+ Seats	Aircraft	108,307	1,675	1,274	404	81	392
	Hours	14,139,841	1,006,541	1,057,059	448,309	114,617	772,169
1 Engine: Total	Aircraft	150,886	2,697	1,935	620	118	450
	Hours	19,325,236	1,614,890	1,622,001	700,968	165,927	892,752
2 Eng: 1-6 Seats	Aircraft	14,244	185	155	25	56	0
	Hours	2,055,820	108,948	129,213	30,193	87,621	0
2 Eng: 7+ Seats	Aircraft	6,685	340	45	13	0	83
	Hours	1,495,475	196,041	37,156	16,086	0	169,534
2 Engine: Total	Aircraft	20,930	525	200	38	56	83
	Hours	3,551,295	304,989	166,369	46,279	87,621	169,534
Piston: Other	Aircraft	108	0	0	0	0	3
	Hours	18,425	0	0	0	0	5,578
Piston: Total	Aircraft	171,923	3,222	2,135	658	174	536
	Hours	22,894,957	1,919,879	1,788,370	747,247	253,548	1,067,864

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		501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours	
Fixed Wing - Turboprop							
1 Engine: Total	Aircraft Hours	1,018 357,301	131 79,645	55 48,005	15 16,787	6 9,109	24 45,829
2 Eng: 1-12 Seats	Aircraft Hours	3,658 1,034,997	157 95,241	88 70,062	12 12,082	0 0	0 0
2 Eng: 13+ Seats	Aircraft Hours	983 415,226	114 67,943	95 81,448	31 33,181	0 0	13 26,256
2 Engine: Total	Aircraft Hours	4,641 1,450,223	271 163,184	183 151,510	43 45,262	0 0	13 26,256
Turboprop: Other	Aircraft Hours	21 4,301	0 0	0 0	0 0	0 0	0 0
Turboprop: Total	Aircraft Hours	5,679 1,811,824	402 242,829	238 199,514	58 62,049	6 9,109	37 72,085
Fixed Wing - Turbojet							
2 Engine Turbojet	Aircraft Hours	6,387 2,434,940	913 541,444	457 367,644	121 127,532	36 54,031	32 66,751
Turbojet: Other	Aircraft Hours	733 303,454	144 81,853	51 40,168	0 0	0 0	12 25,256
Turbojet: Total	Aircraft Hours	7,120 2,738,394	1,057 623,296	508 407,812	121 127,532	36 54,031	44 92,007
Fixed Wing: Total	Aircraft Hours	184,723 27,445,175	4,680 2,786,004	2,881 2,395,696	836 936,828	217 316,688	617 1,231,955

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		501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours	
Rotorcraft							
Piston	Aircraft	2,564	146	126	10	0	0
	Hours	556,268	90,202	106,957	10,472	0	0
1 Eng: Turbine	Aircraft	4,045	579	491	156	39	75
	Hours	1,744,944	346,341	423,425	178,629	56,405	143,220
Multi-Eng: Turbine	Aircraft	839	140	86	69	15	33
	Hours	443,277	84,464	73,718	74,993	21,352	65,802
Turbine: Total	Aircraft	4,884	719	577	225	54	108
	Hours	2,188,221	430,805	497,143	253,622	77,757	209,022
Rotorcraft: Total	Aircraft	7,448	865	703	235	54	108
	Hours	2,744,490	521,007	604,100	264,094	77,757	209,022
Other Aircraft							
Gliders	Aircraft	2,041	14	7	0	0	0
	Hours	154,680	8,444	5,237	0	0	0
Lighter-than-air	Aircraft	4,725	0	0	0	14	0
	Hours	164,294	0	0	0	20,939	0
Other aircraft: Total	Aircraft	6,765	14	7	0	14	0
	Hours	318,974	8,444	5,237	0	20,939	0
Experimental							
Amateur:	Aircraft	16,858	0	6	0	0	0
	Hours	879,889	0	5,761	0	0	0
Exhibition:	Aircraft	1,999	0	0	0	0	0
	Hours	120,947	0	0	0	0	0
Other:	Aircraft	1,671	53	36	8	0	0
	Hours	246,931	29,285	29,601	7,899	0	0
Experimental: Total	Aircraft	20,528	53	42	8	0	0
	Hours	1,247,767	29,285	35,362	7,899	0	0
Total All Aircraft	Aircraft	219,464	5,612	3,633	1,079	285	725
	Hours	31,756,405	3,344,740	3,040,396	1,208,820	415,384	1,440,977

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