

Table 3.1

**2005 GENERAL AVIATION AND AIR TAXI *NUMBER OF ACTIVE AIRCRAFT* BY PRIMARY USE
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	General Aviation Use												On-Demand FAR Part 135 Use			
	Total Active	Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Fixed Wing																
Fixed Wing - Piston																
1 Eng: 1-3 Seats																
Est. Active	39,671	31,063	1,084	17	3,018	2,353	776	162	3	177	160	0	638	204	15	0
% Std. Error	2.1	2.7	2.6	1.8	2.8	3.5	2.4	3.2		2.0	2.7		3.3	2.2	2.1	
Est. % Active	62.1															
1 Eng: 4+ Seats																
Est. Active	108,430	81,041	14,695	702	7,469	0	1,716	182	0	177	144	85	1,098	965	121	34
% Std. Error	1.7	1.9	1.9	1.8	1.8		1.6	1.8		1.1	1.3	1.4	1.9	0.6	0.6	2.5
Est. % Active	85.5															
1 Engine: Total																
Est. Active	148,101	112,105	15,780	719	10,487	2,353	2,492	344	3	354	304	85	1,736	1,169	137	34
% Std. Error	1.9	2.2	2.5	2.4	2.2	2.1	1.8	2.1		1.4	1.7	1.9	2.3	0.8	0.8	3.5
Est. % Active	77.7															
2 Eng: 1-6 Seats																
Est. Active	13,192	6,942	3,780	702	637	23	124	11	0	29	0	75	217	630	6	16
% Std. Error	1.2	1.4	1.4	1.6	1.0	1.1	1.1	0.6		1.3		1.6	1.3	0.6	1.1	0.6
Est. % Active	82.8															
2 Eng: 7+ Seats																
Est. Active	6,220	2,224	1,811	590	250	21	157	85	2	15	21	25	102	835	21	59
% Std. Error	1.2	2.0	2.0	1.9	1.0		1.4	1.3		0.8	1.5	1.1	1.8	0.6	0.6	0.6
Est. % Active	84.5															
2 Engine: Total																
Est. Active	19,412	9,166	5,591	1,293	887	44	281	96	2	44	21	100	319	1,465	28	75
% Std. Error	1.2	1.5	1.5	1.7	1.0	1.4	1.2	1.1		1.0	1.5	1.3	1.4	0.6	0.6	0.6
Est. % Active	83.4															
Piston: Other																
Est. Active	95	25	0	0	11	14	0	0	0	10	8	0	7	17	3	0
% Std. Error	2.1	5.7				4.3				2.4	4.4		4.2	3.3		
Est. % Active	44.4															
Piston: Total																
Est. Active	167,608	121,295	21,371	2,012	11,384	2,412	2,773	440	5	408	333	185	2,063	2,651	167	109
% Std. Error	1.8	2.2	2.3	2.1	2.0	2.1	1.7	1.8	1.1	1.3	1.6	1.7	2.2	0.8	0.8	0.9
Est. % Active	78.3															

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		Per- sonal	Busi- ness	Cor- porate	Instruc- tional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Fixed Wing - Turboprop																
1 Engine: Total																
Est. Active	2,595	557	715	222	25	482	20	19	0	23	0	2	41	444	21	23
% Std. Error	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3		0.3			0.3	0.2	0.4	0.3
Est. % Active	93.8															
2 Eng: 1-12 Seats																
Est. Active	4,427	677	1,085	1,611	44	8	84	58	0	8	7	19	27	683	3	114
% Std. Error	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.4		0.5	0.7	0.4	0.4	0.3		0.3
Est. % Active	93.8															
2 Eng: 13+ Seats																
Est. Active	880	66	68	540	0	4	8	13	0	30	0	0	19	129	0	3
% Std. Error	0.5	0.6	0.5	0.5			0.6	0.6		0.7			0.6	0.4		
Est. % Active	91.0															
2 Engine: Total																
Est. Active	5,307	743	1,153	2,150	44	12	92	70	0	38	7	19	46	812	3	118
% Std. Error	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.4		0.6	0.7	0.4	0.5	0.4		0.3
Est. % Active	93.4															
Turboprop: Other																
Est. Active	40	0	0	0	0	23	0	0	0	8	0	0	9	0	0	0
% Std. Error	1.6					2.5				3.2						
Est. % Active	54.5															
Turboprop: Total																
Est. Active	7,942	1,300	1,868	2,372	70	517	112	89	0	69	7	21	96	1,256	24	141
% Std. Error	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4		0.5	0.7	0.4	0.4	0.3	0.4	0.3
Est. % Active	93.2															

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AIRCRAFT TYPE	General Aviation Use												On-Demand FAR Part 135 Use			
	Total Active	Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Fixed Wing - Turbojet																
2 Engine Turbojet																
Est. Active	9,097	649	806	5,004	25	0	0	4	0	5	0	12	575	1,939	3	75
% Std. Error	0.3	0.3	0.3	0.3	0.4			0.4		0.4		0.4	0.2	0.2	0.3	0.3
Est. % Active	94.6															
Turbojet: Other																
Est. Active	727	71	28	505	0	0	0	0	0	0	0	3	29	87	0	4
% Std. Error	1.0	1.3	1.2	1.2									1.3	1.0		
Est. % Active	73.3															
Turbojet: Total																
Est. Active	9,823	720	834	5,508	25	0	0	4	0	5	0	15	604	2,025	3	79
% Std. Error	0.3	0.4	0.4	0.4	0.5			0.5		0.5		0.4	0.2	0.3	0.4	0.3
Est. % Active	92.6															
Fixed Wing: Total																
Est. Active	185,373	123,315	24,072	9,893	11,479	2,929	2,884	533	5	482	340	222	2,763	5,933	195	329
% Std. Error	1.4	2.0	1.7	0.9	1.9	1.4	1.6	1.4	1.1	1.1	1.5	1.3	1.1	0.7	0.8	0.7
Est. % Active	79.5															

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2005 GENERAL AVIATION AND AIR TAXI **NUMBER OF ACTIVE AIRCRAFT** BY PRIMARY USE
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Total Active	General Aviation Use											On-Demand FAR Part 135 Use			
		Per-sonal	Busi-ness	Cor-porate	Instruc-tional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Rotorcraft																
Piston																
Est. Active	3,039	1,006	251	35	1,166	162	239	18	21	10	48	3	46	28	7	0
% Std. Error	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.6	1.1		1.2	1.4	1.3	
Est. % Active	69.8															
1 Eng: Turbine																
Est. Active	4,537	336	227	241	78	350	1,427	228	115	36	67	100	91	696	263	283
% Std. Error	0.7	1.0	1.0	1.1	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.4	1.0	0.8	0.9	0.8
Est. % Active	78.4															
Multi-Eng: Turbine																
Est. Active	1,151	26	51	246	2	24	39	13	83	0	6	94	6	188	11	365
% Std. Error	0.4	1.6	1.3	1.7		1.3	1.3	1.1	1.3		2.3	1.6	1.6	1.2	1.3	1.1
Est. % Active	87.5															
Turbine: Total																
Est. Active	5,689	362	278	487	79	374	1,465	240	197	36	73	194	98	884	274	647
% Std. Error	0.6	1.1	1.0	1.2	1.0	1.0	1.1	1.1	0.9	1.1	1.1	1.3	1.1	0.8	0.9	0.8
Est. % Active	80.1															
Rotorcraft: Total																
Est. Active	8,728	1,368	529	522	1,246	536	1,704	258	218	46	121	197	144	912	281	647
% Std. Error	0.7	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.3	1.1	0.9	1.0	0.8
Est. % Active	76.2															

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BY AIRCRAFT TYPE**

AIRCRAFT TYPE	General Aviation Use												On-Demand FAR Part 135 Use			
	Total Active	Per- sonal	Busi- ness	Cor- porate	Instruc- tional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Other Aircraft																
Gliders																
Est. Active	2,074	1,806	7	0	208	0	0	0	0	0	47	0	5	0	0	0
% Std. Error	1.3	1.7	2.2		1.7						2.2		1.8			
Est. % Active	65.9															
Lighter-than-air																
Est. Active	4,380	3,652	11	0	36	0	0	0	0	156	386	0	3	0	136	0
% Std. Error	2.4	3.2	2.1		1.6					3.1	2.8				5.5	
Est. % Active	63.5															
Other Aircraft: Total																
Est. Active	6,454	5,458	19	0	244	0	0	0	0	156	432	0	9	0	136	0
% Std. Error	1.9	2.5	1.8		1.8					3.0	2.6		1.7		5.4	
Est. % Active	64.2															

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AIRCRAFT TYPE	General Aviation Use												On-Demand FAR Part 135 Use			
	Total Active	Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Experimental																
Amateur																
Est. Active	19,817	18,367	700	0	343	0	14	0	0	0	37	0	357	0	0	0
% Std. Error	3.9	5.2	6.0		5.4		3.9						5.5			
Est. % Active	58.5															
Exhibition																
Est. Active	2,120	1,914	28	0	41	0	0	0	0	24	2	0	112	0	0	0
% Std. Error	1.4	1.7	2.1		2.5					2.4			1.4			
Est. % Active	72.7															
Other																
Est. Active	1,691	871	171	139	11	83	62	20	3	25	13	0	214	80	0	0
% Std. Error	1.0	1.3	1.3	1.4	1.2	1.4	1.3	1.3		1.2	2.4		1.2	2.4		
Est. % Active	72.4															
Experimental: Total																
Est. Active	23,627	21,151	899	139	394	83	75	20	3	49	52	0	683	80	0	0
% Std. Error	3.0	4.1	3.7	2.0	4.3	2.0	2.0	1.9		2.1	4.2		2.6	3.4		
Est. % Active	60.4															
Light-sport																
Est. Active	170	115	5	0	36	0	0	0	0	0	0	0	14	0	0	0
% Std. Error	0.3	0.3	0.4		0.3								0.4			
Est. % Active	88.5															
Total All Aircraft																
Est. Active	224,352	151,408	25,524	10,553	13,399	3,548	4,663	811	226	732	945	418	3,612	6,926	613	976
% Std. Error	1.5	2.2	1.9	1.0	1.8	1.4	1.3	1.2	0.8	1.3	1.5	1.2	1.3	0.7	1.0	0.7
Est. % Active	76.3															

Table Notes:

¹ Excludes Air Medical Services conducted under FAR Part 135.² Excludes Air Tour and Air Medical FAR Part 135.

Definitions of use categories may be found in Appendix B, Figure B.1.

Starting in 2004, Far Part 135 Air Taxi, Air Tours, Air Medical, and Commuter use categories were added and tabulated separately from other general use categories.

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

The small number of aircraft in some of the 'other' categories (e.g., "Piston: Other", "Turbojet: Other") may result in relatively high standard errors for estimates of the number of active aircraft and hours flown. For this reason estimates reported for 'other' categories may vary greatly from year to year and should be evaluated with caution.

Columns may not add to totals due to rounding procedures.

Beginning in 2005, light-sport was added as an aircraft type.

Table 3.2

2005 GENERAL AVIATION AND AIR TAXI **TOTAL HOURS FLOWN BY ACTUAL USE**
BY AIRCRAFT TYPE

AIRCRAFT TYPE	General Aviation Use													On-Demand FAR Part 135 Use		
	Total	Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Fixed Wing																
Fixed Wing - Piston																
1 Eng: 1-3 Seats																
Est. Total Hours	3,113,033	1,437,585	114,267	2,701	654,638	610,990	124,435	19,324	531	17,752	22,509	711	50,771	48,486	6,688	1,646
% Std. Error	2.6	2.1	11.4	52.4	8.2	8.4	18.3	29.4	192.7	36.3	22.9	57.1	11.9	25.2	75.6	67.0
1 Eng: 4+ Seats																
Est. Total Hours	10,626,195	5,356,541	1,728,056	140,414	2,248,770	808	390,573	22,730	286	42,193	76,346	23,609	207,420	332,171	46,126	10,153
% Std. Error	1.8	1.5	3.5	16.8	6.2	79.2	12.9	33.0	146.4	39.3	16.3	19.8	7.8	15.8	32.2	54.3
1 Engine: Total																
Est. Total Hours	13,739,228	6,794,126	1,842,323	143,115	2,903,408	611,798	515,008	42,053	817	59,945	98,855	24,320	258,191	380,657	52,814	11,799
% Std. Error	1.4	1.2	3.1	14.7	4.8	9.6	10.1	22.0	148.9	27.5	12.6	17.2	6.2	12.8	27.2	42.8
2 Eng: 1-6 Seats																
Est. Total Hours	1,544,844	510,969	383,025	116,328	195,430	3,874	35,530	3,480	0	4,336	1,994	10,406	40,164	229,505	3,877	5,926
% Std. Error	2.8	2.9	4.0	14.3	12.1	52.9	30.0	73.6		73.9	30.9	21.6	9.0	12.8	96.0	54.7
2 Eng: 7+ Seats																
Est. Total Hours	1,131,743	231,519	235,043	134,103	52,804	969	42,867	10,536	293	9,694	3,850	2,160	28,531	317,572	9,325	52,478
% Std. Error	4.7	5.9	6.2	20.7	15.6	50.7	25.4	38.0	195.5	73.8	51.6	62.3	11.3	11.3	55.0	58.6
2 Engine: Total																
Est. Total Hours	2,676,587	742,488	618,068	250,431	248,234	4,842	78,396	14,016	293	14,030	5,844	12,566	68,695	547,077	13,202	58,404
% Std. Error	2.5	2.7	3.4	12.5	10.3	44.5	19.1	32.8	183.3	53.3	33.7	20.9	7.0	8.4	46.6	49.7
Piston: Other																
Est. Total Hours	18,154	1,116	42	0	467	1,952	0	0	0	6,243	1,002	0	616	6,321	396	0
% Std. Error	33.1	58.1	92.9		54.8	86.1				82.1	119.5		56.0	72.4	159.1	
Piston: Total																
Est. Total Hours	16,433,970	7,537,730	2,460,433	393,546	3,152,109	618,592	593,404	56,069	1,110	80,218	105,701	36,886	327,502	934,055	66,412	70,203
% Std. Error	1.3	1.1	2.5	11.7	4.3	9.2	9.0	19.1	122.7	24.9	11.7	14.3	5.1	8.3	24.1	54.6

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BY AIRCRAFT TYPE

AIRCRAFT TYPE	Total	General Aviation Use											On-Demand FAR Part 135 Use			
		Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Fixed Wing - Turboprop																
1 Engine: Total																
Est. Total Hours	845,811	75,910	104,099	66,524	9,398	232,408	9,256	6,121	0	20,453	155	1,490	18,140	280,753	9,691	11,414
% Std. Error	2.5	3.9	3.9	8.0	9.5	5.1	26.4	27.0		31.6	32.4	27.1	6.5	6.8	22.7	22.0
2 Eng: 1-12 Seats																
Est. Total Hours	988,076	103,491	174,838	372,558	13,207	598	16,839	9,584	0	446	4,448	5,253	24,117	209,695	1,677	51,324
% Std. Error	1.5	3.6	4.8	2.9	15.4	38.2	13.7	17.0		50.5	48.0	31.0	5.3	5.2	66.9	11.2
2 Eng: 13+ Seats																
Est. Total Hours	264,113	18,297	19,484	157,726	1,226	491	3,587	2,108	0	8,029	0	110	11,825	39,022	0	2,208
% Std. Error	3.1	14.9	18.7	5.5	17.1	81.0	58.7	45.9		31.4		97.2	23.2	14.1		67.8
2 Engine: Total																
Est. Total Hours	1,252,189	121,788	194,321	530,285	14,433	1,089	20,427	11,692	0	8,475	4,448	5,363	35,942	248,718	1,677	53,532
% Std. Error	1.3	3.7	4.7	2.6	14.6	37.4	14.5	16.0		25.2	49.7	31.5	7.4	4.9	69.4	11.4
Turboprop: Other																
Est. Total Hours	8,287	0	0	0	5	7,192	0	0	0	1,009	0	0	81	0	0	0
% Std. Error	25.6				115.4	34.5				77.5			50.1			
Turboprop: Total																
Est. Total Hours	2,106,287	197,697	298,420	596,808	23,836	240,688	29,682	17,813	0	29,938	4,603	6,854	54,163	529,471	11,368	64,946
% Std. Error	1.4	2.7	3.3	2.5	9.4	6.0	13.3	14.5		25.7	45.2	24.1	5.2	4.7	24.2	9.9

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		Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Fixed Wing - Turbojet																
2 Engine Turbojet																
Est. Total Hours	3,488,440	222,323	298,903	1,672,529	11,847	0	601	615	0	1,503	30	3,631	336,139	890,321	30	49,968
% Std. Error	0.8	2.7	3.0	1.4	12.2		24.2	54.5		47.2	78.5	17.9	2.9	2.3	60.1	9.1
Turbojet: Other																
Est. Total Hours	282,389	17,092	7,120	211,518	213	0	0	0	0	25	0	360	13,918	31,408	0	734
% Std. Error	3.6	17.7	35.2	5.6	51.9					78.1		100.4	15.2	22.4		40.6
Turbojet: Total																
Est. Total Hours	3,770,829	239,415	306,023	1,884,047	12,060	0	601	615	0	1,528	30	3,990	350,058	921,729	30	50,702
% Std. Error	0.8	2.8	3.1	1.3	12.6		25.2	56.9		48.4	81.9	17.9	2.9	2.4	62.6	9.4
Fixed Wing: Total																
Est. Total Hours	22,311,086	7,974,842	3,064,876	2,874,401	3,188,005	859,281	623,688	74,497	1,110	111,684	110,334	47,730	731,722	2,385,255	77,810	185,850
% Std. Error	1.0	0.9	2.1	3.7	3.6	7.1	7.4	15.2	103.6	23.5	10.7	13.6	4.5	4.7	19.6	20.8

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AIRCRAFT TYPE	Total	General Aviation Use											On-Demand FAR Part 135 Use				
		Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med	
Rotorcraft																	
Piston																	
Est. Total Hours	616,575	80,230	30,244	7,759	341,712	34,227	62,643	2,348	3,191	4,146	23,846	424	8,130	13,392	4,284	0	
% Std. Error	3.7	5.5	9.7	27.6	6.2	16.3	11.1	54.0	37.4	47.8	12.1	97.4	12.1	28.1	30.6		
1 Eng: Turbine																	
Est. Total Hours	1,862,878	25,765	33,302	65,704	30,289	93,696	540,545	53,474	83,864	20,628	28,369	34,330	60,923	355,698	246,074	190,217	
% Std. Error	1.8	8.5	13.9	9.6	9.4	8.1	4.1	7.6	11.7	16.7	20.2	12.6	5.2	5.1	9.3	8.3	
Multi-Eng: Turbine																	
Est. Total Hours	576,347	3,202	24,173	84,415	6,308	12,356	19,980	12,977	45,671	3,269	824	28,511	18,526	80,263	6,856	229,017	
% Std. Error	2.0	21.5	18.0	8.6	8.1	22.9	14.3	12.0	13.0	19.5	44.4	10.8	7.8	7.9	31.6	5.4	
Turbine: Total																	
Est. Total Hours	2,439,225	28,967	57,475	150,119	36,597	106,052	560,525	66,451	129,535	23,897	29,192	62,842	79,449	435,961	252,930	419,233	
% Std. Error	1.4	7.8	12.0	7.2	7.6	7.6	3.9	6.5	9.1	14.2	18.9	8.9	4.4	4.4	8.8	5.3	
Rotocraft: Total																	
Est. Total Hours	3,055,800	109,197	87,719	157,878	378,309	140,279	623,168	68,799	132,726	28,043	53,038	63,265	87,579	449,352	257,215	419,233	
% Std. Error	1.5	4.4	9.0	7.6	5.3	7.1	4.0	7.1	9.7	14.5	12.2	9.6	4.5	4.8	9.4	5.8	

Table 3.2

2005 GENERAL AVIATION AND AIR TAXI *TOTAL HOURS FLOWN BY ACTUAL USE*
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Total	General Aviation Use											On-Demand FAR Part 135 Use			
		Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Other Aircraft																
Gliders																
Est. Total Hours	121,148	92,013	937	0	22,972	0	166	0	0	0	4,310	0	750	0	0	0
% Std. Error	6.9	7.7	85.4		14.4		53.7				32.7		60.2			
Lighter-than-air																
Est. Total Hours	146,350	74,122	432	0	3,552	0	0	0	0	31,074	14,466	0	5,740	5	16,957	0
% Std. Error	15.1	4.8	120.7		18.8					60.1	17.0		189.1	199.0	37.2	
Other Aircraft: Total																
Est. Total Hours	267,498	166,135	1,370	0	26,524	0	166	0	0	31,074	18,776	0	6,490	5	16,957	0
% Std. Error	8.0	6.4	86.1		17.9		74.0			49.0	14.9		136.6	162.1	30.4	

Table 3.2

2005 GENERAL AVIATION AND AIR TAXI *TOTAL HOURS FLOWN BY ACTUAL USE*
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Total	General Aviation Use											On-Demand FAR Part 135 Use			
		Personal	Business	Corporate	Instructional	Aerial Apps	Aerial Obs	Aerial Other	External Load	Other Work	Sight See	Air Med ¹	Other	Air Taxi ²	Air Tours	Air Med
Experimental																
Amateur																
Est. Total Hours	986,916	853,003	66,437	0	29,364	0	1,816	0	0	412	2,007	180	33,697	0	0	0
% Std. Error	4.4	4.7	20.3		28.1		65.7			115.4	80.6	105.6	31.9			
Exhibition																
Est. Total Hours	112,594	96,867	2,406	0	2,337	0	66	0	0	2,324	112	13	8,467	0	0	0
% Std. Error	16.9	19.6	48.3		41.4		181.1			52.2	89.5	135.1	23.4			
Other																
Est. Total Hours	239,198	60,099	20,591	39,672	8,437	31,836	16,131	4,435	94	2,769	6,568	258	25,315	22,634	355	4
% Std. Error	5.9	11.4	16.6	17.4	43.3	23.3	28.6	55.9	103.3	44.6	56.0	88.6	17.2	24.3	52.4	122.4
Experimental: Total																
Est. Total Hours	1,338,708	1,009,969	89,434	39,672	40,139	31,836	18,013	4,435	94	5,505	8,688	451	67,480	22,634	355	4
% Std. Error	4.6	4.9	15.6	44.2	28.1	58.2	63.7	137.3	253.4	68.4	105.1	128.9	21.3	60.6	128.9	300.1
Light-sport																
Est. Total Hours	9,292	5,448	356	0	2,305	0	53	0	0	0	0	0	1,129	0	0	0
% Std. Error	5.8	6.6	43.9		14.6		68.2						17.1			
Total All Aircraft																
Est. Total Hours	26,982,383	9,265,592	3,243,755	3,071,951	3,635,282	1,031,395	1,265,087	147,731	133,930	176,306	190,836	111,446	894,401	2,857,247	352,337	605,087
% Std. Error	1.0	0.9	2.0	3.5	3.4	6.3	5.8	10.6	20.3	17.3	10.0	12.5	4.0	4.3	15.4	10.8

Table Notes:

¹ Excludes Air Medical Services conducted under FAR Part 135.² Excludes Air Tour and Air Medical FAR Part 135.

Definitions of use categories may be found in Appendix B, Figure B.1.

Starting in 2004, Far Part 135 Air Taxi, Air Tours, Air Medical, and Commuter use categories were added and tabulated separately from other general use categories.

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

The small number of aircraft in some of the 'other' categories (e.g., "Piston: Other", "Turbojet: Other") may result in relatively high standard errors for estimates of the number of active aircraft and hours flown. For this reason estimates reported for 'other' categories may vary greatly from year to year and should be evaluated with caution.

Columns may not add to totals due to rounding procedures.

Beginning in 2005, light-sport was added as an aircraft type.

Table 3.3*

2005 GENERAL AVIATION AND AIR TAXI *PUBLIC USE, RENTAL, AND FRACTIONAL OWNERSHIP HOURS FLOWN*
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Public Use Hours Flown	Public Use Percent Standard Error	Rental Hours Flown	Rental Hours Percent Standard Error	Fractional Ownership Hours Flown	Fractional Ownership Percent Standard Error
Fixed Wing						
Fixed Wing - Piston						
1 Eng: 1-3 Seats	85,765	21.7	602,226	9.4	53,692	23.2
1 Eng: 4+ Seats	277,950	14.1	2,020,062	6.8	292,281	13.0
1 Engine: Total	363,714	11.2	2,622,288	5.3	345,973	10.6
2 Eng: 1-6 Seats	29,895	29.9	175,987	13.5	14,198	32.5
2 Eng: 7+ Seats	41,052	19.3	153,952	15.9	26,528	27.6
2 Engine: Total	70,947	16.7	329,939	10.2	40,726	20.6
Piston: Other	3,909	54.5	11,347	50.9	0	
Piston: Total	438,571	9.6	2,963,574	4.7	386,699	9.5

Table 3.3*

2005 GENERAL AVIATION AND AIR TAXI *PUBLIC USE, RENTAL, AND FRACTIONAL OWNERSHIP HOURS FLOWN*
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Public Use Hours Flown	Public Use Percent Standard Error	Rental Hours Flown	Rental Hours Percent Standard Error	Fractional Ownership Hours Flown	Fractional Ownership Percent Standard Error
Fixed Wing - Turboprop						
1 Engine: Total	15,771	13.0	66,961	8.2	23,524	28.9
2 Eng: 1-12 Seats	88,921	8.4	132,775	8.1	20,804	13.3
2 Eng: 13+ Seats	29,829	14.7	21,487	18.4	1,737	81.9
2 Engine: Total	118,750	7.2	154,262	7.5	22,541	13.8
Turboprop: Other	8,282	25.7	8,282	25.7	0	
Turboprop: Total	142,803	6.0	229,505	5.6	46,065	18.1
Fixed Wing - Turbojet						
2 Engine Turbojet	38,489	9.4	296,639	4.2	59,933	9.7
Turbojet: Other	3,107	44.5	18,956	26.0	3,127	44.2
Turbojet: Total	41,596	9.3	315,595	4.2	63,060	9.7
Fixed Wing: Total	622,970	7.0	3,508,674	3.7	495,824	8.3

Table 3.3*

2005 GENERAL AVIATION AND AIR TAXI *PUBLIC USE, RENTAL, AND FRACTIONAL OWNERSHIP HOURS FLOWN*
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Public Use Hours Flown	Public Use Percent Standard Error	Rental Hours Flown	Rental Hours Percent Standard Error	Fractional Ownership Hours Flown	Fractional Ownership Percent Standard Error
Rotorcraft						
Piston	27,027	19.6	139,972	9.5	13,665	38.5
1 Eng: Turbine	612,708	3.8	141,274	8.9	51,748	14.6
Multi-Eng: Turbine	100,248	7.0	65,885	11.3	249	67.5
Turbine: Total	712,956	3.4	207,159	7.3	51,997	13.9
Rotocraft: Total	739,983	3.7	347,131	5.8	65,661	13.8
Other Aircraft						
Gliders	880	46.5	24,522	18.8	2,202	45.3
Lighter-than-air	5,622	193.0	533	46.1	3,925	47.8
Other Aircraft: Total	6,502	136.2	25,055	25.9	6,126	33.5

Table 3.3*

2005 GENERAL AVIATION AND AIR TAXI *PUBLIC USE, RENTAL, AND FRACTIONAL OWNERSHIP HOURS FLOWN*
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Public Use Hours Flown	Public Use Percent Standard Error	Rental Hours Flown	Rental Hours Percent Standard Error	Fractional Ownership Hours Flown	Fractional Ownership Percent Standard Error
Experimental						
Amateur	465	114.5	6,630	68.7	11,456	52.6
Exhibition	15,862	117.0	7,837	95.4	8,855	105.0
Other	24,790	23.6	25,135	24.9	6,359	69.8
Experimental: Total	41,117	88.5	39,602	52.7	26,670	76.9
Light-sport	118	66.4	672	34.1	276	65.0
Total All Aircraft	1,410,690	5.7	3,921,134	3.5	594,557	8.0

Table Notes:

Starting in 2000, public use was asked in a separate question because public use is not mutually exclusive from other use categories.

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

The small number of aircraft in some of the 'other' categories (e.g., "Piston: Other", "Turbojet: Other") may result in relatively high standard errors for estimates of the number of active aircraft and hours flown. For this reason estimates reported for 'other' categories may vary greatly from year to year and should be evaluated with caution.

Columns may not add to totals due to rounding procedures.

Beginning in 2005, light-sport was added as an aircraft type.

*Revised 5/30/07