

Table 3.1

**2007 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 <sup>1</sup>	Other	Air Taxi <sup>2</sup>	Air Tours	Air Med
Fixed Wing																
Fixed Wing - Piston																
1 Eng: 1-3 Seats																
Est. Active	36,366	28,408	652	60	2,561	2,393	471	296	0	367	3	2	867	75	208	3
% Std. Error	3.8	4.7	2.3	4.2	4.0	9.2	2.5	16.6		8.2			6.0	1.2	6.9	
Est. % Active	63.1															
1 Eng: 4+ Seats																
Est. Active	111,203	80,963	14,891	873	8,723	5	2,012	108	0	44	557	16	1,546	1,338	115	12
% Std. Error	2.0	2.6	1.7	1.4	1.6	0.8	1.9	1.7		0.5	2.9	0.6	2.0	0.7	0.5	0.7
Est. % Active	84.4															
1 Engine: Total																
Est. Active	147,569	109,372	15,543	934	11,284	2,397	2,482	405	0	411	560	18	2,413	1,413	323	15
% Std. Error	2.5	3.2	2.2	1.8	2.1	5.6	2.1	3.8		2.3	3.6	0.8	2.8	0.9	1.3	0.8
Est. % Active	77.9															
2 Eng: 1-6 Seats																
Est. Active	14,342	7,087	4,178	824	764	38	212	196	0	2	0	6	466	507	50	11
% Std. Error	1.9	2.6	2.9	2.3	1.5	2.9	2.3	2.0				1.0	2.1	0.6	1.4	0.5
Est. % Active	84															
2 Eng: 7+ Seats																
Est. Active	4,996	1,721	1,372	675	81	0	100	26	0	0	0	1	104	854	31	30
% Std. Error	0.9	2.1	1.8	1.8	0.4		1.0	0.5					0.3	0.4	0.4	0.4
Est. % Active	88.9															
2 Engine: Total																
Est. Active	19,337	8,808	5,551	1,499	845	38	313	222	0	2	0	7	569	1,361	81	41
% Std. Error	1.5	2.5	2.5	2.1	1.2	2.7	1.6	1.4				0.7	1.1	0.5	0.8	0.4
Est. % Active	85.1															
Piston: Total																
Est. Active	166,907	118,180	21,094	2,433	12,129	2,435	2,795	626	0	413	560	25	2,982	2,774	404	56
% Std. Error	2.4	3.1	2.3	2.2	2.0	5.3	2.1	2.5		2.2	3.6	0.8	2.3	0.8	1.2	0.6
Est. % Active	78.7															

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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 <sup>1</sup>	Other	Air Taxi <sup>2</sup>	Air Tours	Air Med
<b>Fixed Wing - Turboprop</b>																
1 Engine: Total																
Est. Active	4,059	961	883	306	44	1,038	30	77	0	36	0	10	91	547	31	4
% Std. Error	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3		0.4	0.3	0.2	0.2	0.4
Est. % Active	94.9															
2 Eng: 1-12 Seats																
Est. Active	4,567	663	867	1,507	68	2	404	37	6	26	4	16	212	606	0	147
% Std. Error	0.3	0.4	0.4	0.4	0.4		0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3		0.3
Est. % Active	94.5															
2 Eng: 13+ Seats																
Est. Active	889	63	72	412	5	6	37	17	0	24	0	0	125	128	0	0
% Std. Error	0.5	0.6	0.6	0.6	0.9	0.9	0.6	0.6		0.6			0.5	0.5		
Est. % Active	85.3															
2 Engine: Total																
Est. Active	5,456	726	939	1,918	74	8	441	54	6	49	4	16	337	735	0	147
% Std. Error	0.3	0.4	0.4	0.4	0.4	0.6	0.4	0.4	0.5	0.4	0.5	0.4	0.4	0.4		0.3
Est. % Active	93															
Turboprop: Total																
Est. Active	9,514	1,687	1,822	2,224	117	1,047	471	131	6	85	4	26	428	1,281	31	151
% Std. Error	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.3
Est. % Active	93.7															
<b>Fixed Wing - Turbojet</b>																
Turbojet: Total																
Est. Active	10,385	749	880	5,472	54	3	19	15	0	73	24	7	407	2,594	0	87
% Std. Error	0.3	0.4	0.4	0.3	0.4		0.5	0.4		0.3	0.3	0.5	0.4	0.3		0.3
Est. % Active	93															
Fixed Wing: Total																
Est. Active	186,806	120,616	23,796	10,128	12,301	3,485	3,286	773	6	572	588	59	3,817	6,649	435	294
% Std. Error	1.6	2.7	1.7	0.8	1.9	1.3	1.5	1.5	0.8	1.2	2.5	0.7	1.4	0.6	1.1	0.6
Est. % Active	80.0															

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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 <sup>1</sup>	Other	Air Taxi <sup>2</sup>	Air Tours	Air Med
<b>Rotorcraft</b>																
<b>Piston</b>																
Est. Active	2,769	910	235	21	866	236	232	33	6	12	63	0	86	54	11	3
% Std. Error	1.1	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.9	2.1	1.4		1.6	1.4	2.0	
Est. % Active	64.9															
<b>1 Eng: Turbine</b>																
Est. Active	5,431	552	304	312	212	342	1,455	391	134	51	34	82	313	738	372	139
% Std. Error	0.6	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.8	0.8	0.7	0.6	0.6	0.8
Est. % Active	84.1															
<b>Multi-Eng: Turbine</b>																
Est. Active	1,367	30	28	204	5	7	73	80	35	5	0	77	186	404	12	220
% Std. Error	0.3	0.8	0.9	0.8	1.1	0.7	0.8	0.8	0.7	1.2		0.9	0.7	0.7	0.9	0.7
Est. % Active	92															
<b>Turbine: Total</b>																
Est. Active	6,798	582	332	516	217	349	1,528	472	169	56	34	159	499	1,142	384	359
% Std. Error	0.5	0.7	0.8	0.7	0.8	0.8	0.8	0.7	0.6	0.7	0.8	0.8	0.7	0.6	0.6	0.7
Est. % Active	85.7															
<b>Rotorcraft: Total</b>																
Est. Active	9,567	1,492	567	537	1,083	585	1,760	505	175	69	97	159	585	1,196	396	362
% Std. Error	0.7	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.8	0.9	1.0	0.9	0.9	0.8	0.8	0.9
Est. % Active	78															
<b>Other Aircraft</b>																
<b>Gliders</b>																
Est. Active	1,947	1,635	2	10	211	0	0	0	2	8	44	0	34	0	0	0
% Std. Error	1.1	1.5		1.6	1.5					2.7	1.7		1.6			
Est. % Active	62															
<b>Lighter-than-air</b>																
Est. Active	3,993	3,091	2	13	119	0	3	2	0	123	513	0	85	2	39	0
% Std. Error	2.0	2.7		2.7	3.3					2.9	2.1		2.8		2.3	
Est. % Active	57															
<b>Other Aircraft: Total</b>																
Est. Active	5,940	4,726	4	23	330	0	3	2	2	132	558	0	118	2	39	0
% Std. Error	1.6	2.1	1.8	2.0	1.9					2.8	2.0		2.2		2.2	
Est. % Active	58.7															

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**2007 GENERAL AVIATION AND AIR TAXI *NUMBER OF ACTIVE AIRCRAFT* BY PRIMARY USE  
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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 <sup>1</sup>	Other	Air Taxi <sup>2</sup>	Air Tours	Air Med
Experimental																
Amateur																
Est. Active	19,538	17,895	428	5	353	45	26	34	2	70	11	0	670	0	0	0
% Std. Error	2.1	2.5	2.6	1.5	2.3	4.6	1.8	7.0		2.6	2.1		3.3			
Est. % Active	54.9															
Exhibition																
Est. Active	2,101	1,807	42	7	29	4	7	7	0	23	0	0	175	0	0	0
% Std. Error	1.1	1.4	1.9	2.0	1.3	1.3	2.0	2.0		1.6			1.1			
Est. % Active	68.7															
Other																
Est. Active	1,589	702	123	156	40	44	73	36	2	54	7	4	240	95	11	1
% Std. Error	0.7	0.9	0.9	0.9	1.0	1.0	1.0	0.9		0.9	1.2	1.2	0.9	0.8	1.0	
Est. % Active	71.7															
Experimental: Total																
Est. Active	23,228	20,404	594	168	422	93	106	78	4	147	18	4	1,084	95	11	1
% Std. Error	1.8	2.2	2.1	1.5	2.1	2.1	1.6	2.1	1.8	1.9	1.8	1.9	2.2	1.3	1.6	
Est. % Active	56.9															
Light-sport																
Est. Active	6,066	5,277	32	7	514	2	32	0	0	17	14	0	171	0	0	0
% Std. Error	0.5	0.7	0.7	0.8	0.7		0.7			0.8	0.8		0.7			
Est. % Active	72.3															
Total All Aircraft																
Est. Active	231,607	152,514	24,993	10,864	14,650	4,164	5,188	1,358	188	936	1,275	222	5,776	7,942	880	657
% Std. Error	1.5	2.0	1.8	0.9	1.7	1.4	1.3	1.2	0.8	1.3	1.5	0.9	1.3	0.7	1.0	0.8
Est. % Active	75.9															

## Table Notes:

<sup>1</sup> Excludes Air Medical Services conducted under FAR Part 135.

<sup>2</sup> 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.

Table cells that are populated by a small number of aircraft may display relatively high standard errors for the corresponding estimates. Estimates in these types of categories also may vary noticeably from year to year and should be interpreted with caution.

Columns may not add to totals due to rounding procedures.

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

Estimated number of light-sport aircraft has increased significantly in 2007 due to mandatory regulation process changes.

Table 3.2

**2007 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 <sup>1</sup>	Other	Air Taxi <sup>2</sup>	Air Tours	Air Med	
Fixed Wing																	
Fixed Wing - Piston																	
1 Eng: 1-3 Seats																	
Est. Total Hours	2,756,087	1,142,919	61,735	18,519	441,728	798,627	43,452	46,781	82	20,714	1,393	154	84,742	19,268	74,120	1,853	
% Std. Error	5.1	5.1	22.9	79.2	15.9	13.7	44.4	37.1	273.7	42.7	117.4	211.1	30.7	79.9	42.5	276.7	
1 Eng: 4+ Seats																	
Est. Total Hours	10,815,321	5,138,199	1,658,274	283,818	2,297,214	8,226	454,053	33,514	15,888	13,946	69,409	42,439	256,150	469,895	68,286	6,008	
% Std. Error	2.2	1.7	3.8	19.8	7.9	48.3	12.3	35.8	48.3	45.0	15.8	13.2	8.7	13.4	39.3	90.3	
1 Engine: Total																	
Est. Total Hours	13,571,408	6,281,118	1,720,008	302,337	2,738,942	806,853	497,505	80,295	15,970	34,661	70,802	42,593	340,892	489,163	142,406	7,861	
% Std. Error	2.1	1.7	4.0	20.2	7.4	11.7	12.4	24.3	51.3	29.0	16.7	14.0	9.5	14.1	27.5	92.0	
2 Eng: 1-6 Seats																	
Est. Total Hours	1,744,749	444,147	411,090	246,603	284,852	1,671	31,016	49,109	0	360	2,711	3,721	39,374	208,030	16,362	5,701	
% Std. Error	5.5	4.8	7.6	21.6	20.0	85.8	52.2	34.0		109.5	43.4	38.2	15.3	26.3	87.0	81.9	
2 Eng: 7+ Seats																	
Est. Total Hours	941,322	175,849	189,608	88,338	52,179	140	38,933	13,593	0	1,637	411	940	37,179	305,174	22,452	14,891	
% Std. Error	3.9	6.5	6.4	11.5	17.7	102.4	26.8	30.4		41.1	39.5	55.6	9.8	10.2	48.1	36.5	
2 Engine: Total																	
Est. Total Hours	2,686,071	619,996	600,698	334,942	337,030	1,811	69,949	62,701	0	1,996	3,122	4,662	76,553	513,204	38,814	20,592	
% Std. Error	3.6	3.9	5.2	13.8	14.5	66.2	29.0	23.9		52.0	31.9	30.0	9.6	12.6	50.7	42.9	
Piston: Total																	
Est. Total Hours	16,257,479	6,901,114	2,320,707	637,279	3,075,972	808,664	567,454	142,997	15,970	36,657	73,924	47,255	417,446	1,002,367	181,220	28,453	
% Std. Error	1.8	1.6	3.4	13.3	6.6	11.3	11.5	19.0	49.3	26.6	15.4	12.8	7.8	10.9	25.1	47.5	

Table 3.2

**2007 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 <sup>1</sup>	Other	Air Taxi <sup>2</sup>	Air Tours	Air Med
Fixed Wing - Turboprop																
1 Engine: Total																
Est. Total Hours	1,117,958	113,463	131,444	82,926	21,138	426,461	14,250	16,293	744	10,656	110	2,233	38,742	233,065	23,932	2,503
% Std. Error	1.3	2.9	3.2	7.3	9.6	3.1	16.7	11.3	33.1	17.3	29.9	18.5	6.2	4.5	14.1	23.4
2 Eng: 1-12 Seats																
Est. Total Hours	1,214,624	99,096	131,544	337,109	24,530	198	146,020	47,587	9,441	3,913	470	5,168	88,197	241,047	0	80,303
% Std. Error	1.9	3.6	3.9	2.9	16.1	73.0	5.9	6.6	45.0	25.9	34.9	31.4	13.5	6.9		10.3
2 Eng: 13+ Seats																
Est. Total Hours	328,892	15,585	16,812	119,089	3,201	359	14,217	5,832	5	5,786	273	220	53,586	92,663	48	1,217
% Std. Error	5.7	11	14.7	5.1	50.3	49.5	19.8	19.6	75.8	29.0	38.1	39.9	17.5	17.4	54.5	34.3
2 Engine: Total																
Est. Total Hours	1,543,516	114,682	148,356	456,198	27,732	556	160,237	53,418	9,446	9,699	744	5,388	141,783	333,710	48	81,519
% Std. Error	1.9	3.5	3.9	2.6	15.4	40.3	5.7	6.3	45.4	19.7	26	30.4	10.6	6.9	52.3	10.3
Turboprop: Total																
Est. Total Hours	2,661,474	228,144	279,801	539,124	48,870	427,017	174,487	69,712	10,190	20,354	853	7,621	180,524	566,775	23,979	84,022
% Std. Error	1.2	2.3	2.5	2.4	9.3	3.7	5.1	5.4	38.9	13.3	21.3	20.7	7.8	4.3	15.8	9.3
Fixed Wing - Turbojet																
Est. Total Hours	3,938,215	249,881	353,400	1,818,162	20,257	350	5,846	3,149	226	17,110	15,697	4,229	387,329	1,008,060	383	54,135
% Std. Error	0.8	3.2	3.1	1.2	14.2	62.2	21.0	26.8	41.2	12.6	21.7	22.0	2.5	2.2	49.9	10.0
Fixed Wing: Total																
Est. Total Hours	22,857,168	7,379,139	2,953,908	2,994,565	3,145,100	1,236,032	747,787	215,858	26,386	74,121	90,474	59,105	985,299	2,577,202	205,582	166,610
% Std. Error	1.3	1.1	2.4	4.1	4.7	6.8	7.4	10.8	53.5	18.2	15.8	12.6	6.4	5.4	16.9	19.9

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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 <sup>1</sup>	Other	Air Taxi <sup>2</sup>	Air Tours	Air Med	
<b>Rotorcraft</b>																	
Piston																	
Est. Total Hours	704,382	67,505	31,253	3,579	429,228	42,198	60,782	4,209	3,264	3,190	16,750	264	17,999	17,034	4,969	2,159	
% Std. Error	4.2	8.4	22.7	37.7	6.6	14.9	13.1	28.1	47.6	50.7	13.3	66.2	15.4	22.1	63.4	97.6	
1 Eng: Turbine																	
Est. Total Hours	1,990,913	48,187	36,658	86,356	83,352	104,300	497,030	96,754	96,241	36,275	12,028	32,061	129,052	334,106	286,230	112,284	
% Std. Error	1.8	6.2	8.0	9.2	11.9	7.7	4.0	7.2	10.1	19.2	15.2	14.7	12.6	4.9	8.0	7.5	
Multi-Eng: Turbine																	
Est. Total Hours	550,163	2,479	3,859	64,410	5,739	2,693	24,578	33,741	23,104	2,482	258	24,374	77,535	152,373	4,799	127,741	
% Std. Error	2.6	20.5	36.0	10.4	8.4	26.6	11.3	12.0	17.9	37.6	43.6	13.7	15.0	5.2	36.5	5.5	
Turbine: Total																	
Est. Total Hours	2,541,076	50,666	40,516	150,766	89,090	106,993	521,607	130,496	119,344	38,757	12,286	56,435	206,587	486,479	291,029	240,024	
% Std. Error	1.5	5.8	8.1	7.2	10.8	7.4	3.8	6.3	8.8	17.6	14.5	10.6	10.0	3.8	7.7	4.9	
Rotorcraft: Total																	
Est. Total Hours	3,245,458	118,171	71,769	154,344	518,318	149,191	582,389	134,705	122,609	41,947	29,036	56,699	224,586	503,513	295,998	242,183	
% Std. Error	1.5	4.9	9.5	7.9	5.2	6.8	4	6.8	9.6	18.2	9.3	11.6	10.2	4.2	8.4	5.5	
<b>Other Aircraft</b>																	
Gliders																	
Est. Total Hours	107,597	68,901	220	1,897	26,755	2	12	6	51	1,046	4,354	162	4,191	0	0	0	
% Std. Error	5.1	4.5	57	60.3	15.1	82.2	85.4	110.1	103	61.7	25.5	88.6	35.1				
Lighter-than-air																	
Est. Total Hours	107,372	60,146	114	1,650	4,188	0	68	377	1	2,863	30,676	1	4,962	600	1,727	0	
% Std. Error	7.6	4.6	105.9	92.0	26.8		133.2	207.4	115.2	37.1	24.2	115.2	38.0	184.7	34.6		
Other Aircraft: Total																	
Est. Total Hours	214,969	129,047	333	3,547	30,943	2	79	383	52	3,909	35,030	163	9,153	600	1,727	0	
% Std. Error	4.9	4.2	61.8	58.0	19.5	119.6	92.3	163.0	147	32.3	17.6	128.2	28.6	147.4	27.7		

Table 3.2

**2007 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 <sup>1</sup>	Other	Air Taxi <sup>2</sup>	Air Tours	Air Med
Experimental																
Amateur																
Est. Total Hours	896,485	733,217	42,736	702	48,086	8,973	4,601	10,434	1,156	10,184	1,698	56	34,643	0	0	0
% Std. Error	2.7	2.4	11.1	141.4	21.3	47.6	31.3	52.8	173.1	47.9	93.6	92.8	18.4			
Exhibition																
Est. Total Hours	101,566	75,757	2,162	2,030	3,134	1,936	1,234	1,586	521	2,012	247	0	10,946	0	0	0
% Std. Error	4.9	4.6	25.9	70.6	43.8	99.1	111.8	79.2	81.1	56.8	53.3		17.5			
Other																
Est. Total Hours	276,574	46,205	20,209	57,426	12,904	18,273	25,690	8,394	1,166	11,188	1,957	2,248	31,015	32,058	4,369	3,472
% Std. Error	4.6	10.2	15.9	10.7	25.4	21.4	17.7	22.9	58.2	25.9	69.0	43.3	9.6	14.9	47.1	44.4
Experimental: Total																
Est. Total Hours	1,274,625	855,180	65,107	60,158	64,124	29,183	31,525	20,414	2,842	23,384	3,902	2,304	76,604	32,058	4,369	3,472
% Std. Error	3.0	2.2	12.4	22.6	18.2	32.8	31.5	32.7	83.7	32.9	81.4	88.8	11.9	31.9	98.9	93.1
Light-sport																
Est. Total Hours	259,763	194,600	3,065	1,288	45,750	106	1,795	1	4	2,096	1,247	5	9,807	0	0	0
% Std. Error	1.9	1.8	14.9	37.0	7.0	58.8	15.2	57.6	55.5	28.8	30.7	46.2	8.7			
Total All Aircraft																
Est. Total Hours	27,851,982	8,676,136	3,094,183	3,213,902	3,804,234	1,414,513	1,363,575	371,361	151,893	145,457	159,690	118,275	1,305,449	3,113,372	507,675	412,266
% Std. Error	1.0	0.9	2.0	3.3	3.5	5.1	5.0	7.4	17.4	14.3	9.6	12.5	5.4	3.9	11.5	9.5

## Table Notes:

<sup>1</sup> Excludes Air Medical Services conducted under FAR Part 135.

<sup>2</sup> 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.

Table cells that are populated by a small number of aircraft may display relatively high standard errors for the corresponding estimates. Estimates in these types of categories also may vary noticeably from year to year and should be interpreted with caution.

Columns may not add to totals due to rounding procedures.

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

Estimated number of light-sport aircraft has increased significantly in 2007 due to mandatory regulation process changes.



Table 3.3

**2007 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	95,046	29.1	344,404	18.9	*	*
1 Eng: 4+ Seats	295,587	16.3	1,905,783	10.1	*	*
1 Engine: Total	390,633	14.4	2,250,188	9.4	*	*
2 Eng: 1-6 Seats	87,164	27.3	190,411	19.4	*	*
2 Eng: 7+ Seats	34,507	25.0	122,242	16.9	*	*
2 Engine: Total	121,670	19.1	312,653	13.7	*	*
Piston: Total	512,303	12.2	2,562,840	8.3	*	*
Fixed Wing - Turboprop						
1 Engine: Total	41,774	7.4	143,117	6.0	21,813	12.0
2 Eng: 1-12 Seats	246,382	4.7	111,622	8.4	24,300	13.8
2 Eng: 13+ Seats	63,528	9.0	50,111	19.9	28,717	14.6
2 Engine: Total	309,910	4.2	161,734	8.3	53,017	10.0
Turboprop: Total	351,684	3.6	304,851	5.2	74,830	7.6
Fixed Wing - Turbojet						
Turbojet: Total	83,150	7.2	261,132	4.2	651,431	3.5
Fixed Wing: Total	947,138	6.9	3,128,822	5.2	726,261	11.5

Table 3.3

**2007 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
<b>Rotorcraft</b>						
Piston	38,630	18.5	225,208	9.0	*	*
1 Eng: Turbine	719,642	3.8	66,410	13.4	67,449	23.4
Multi-Eng: Turbine	131,048	9.7	2,138	29.2	54,778	21.4
Turbine: Total	850,690	3.5	68,548	12.6	122,228	16.7
Rotorcraft: Total	889,321	3.9	293,756	6.7	122,228	18.4
<b>Other Aircraft</b>						
Gliders	420	60.1	16,424	19.0	*	*
Lighter-than-air	13	60.4	719	46.0	*	*
Other Aircraft: Total	432	84.9	17,143	26.8	*	*
<b>Experimental</b>						
Amateur	10,973	48.4	21,463	31.1	*	*
Exhibition	1,901	67.0	4,812	42.8	*	*
Other	56,995	12.1	13,442	19.8	*	*
Experimental: Total	69,869	22.7	39,717	22.1	*	*
Light-sport	523	29.6	17,136	13.0	*	*
<b>Total All Aircraft</b>	<b>1,907,283</b>	<b>4.8</b>	<b>3,496,573</b>	<b>4.0</b>	<b>848,489</b>	<b>9.6</b>

## 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.

Table cells that are populated by a small number of aircraft may display relatively high standard errors for the corresponding estimates. Estimates in these types of categories also may vary noticeably from year to year and should be interpreted with caution.

Columns may not add to totals due to rounding procedures.

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

\*Only turbine aircraft meet the Part 91 subpart K definition and operate under fractional ownership programs.

Fractional ownership activity reported by non-turbine aircraft has been suppressed.

Estimated number of light-sport aircraft has increased significantly in 2007 due to mandatory regulation process changes.