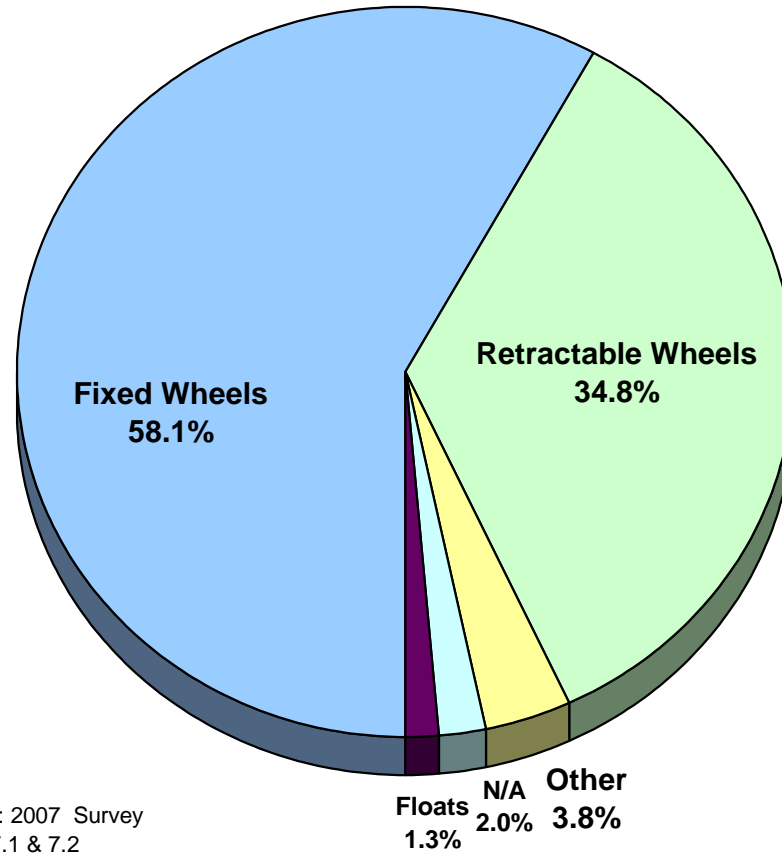


**Chart 10**  
**2007 Active Aircraft Landing Gear**



Source: 2007 Survey  
Table 7.1 & 7.2

Table 7.1

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT, AND TOTAL NUMBER OF AIRCRAFT WITH FIXED OR RETRACTABLE WHEELS***  
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Aircraft Population Size	Estimate of Number Active	Percent Standard Error	Estimate of Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Percent Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Active Aircraft w/ Retractable Wheels	Percent Standard Error	Estimate of Percent Active Aircraft w/ Retractable Wheels	Percent Standard Error
Fixed Wing											
Fixed Wing - Piston											
1 Eng: 1-3 Seats	57,676	36,366	3.8	34,206	1.6	94.1	1.0	1,322	32.6	3.6	20.5
1 Eng: 4+ Seats	131,808	111,203	2.0	73,743	3.6	66.3	3.0	35,524	7.3	31.9	6.2
1 Engine: Total	189,484	147,569	2.5	107,949	3.2	73.2	2.5	36,846	9.3	25.0	7.2
2 Eng: 1-6 Seats	17,107	14,342	1.9	107	54.9	0.7	46.0	14,226	0.4	99.2	0.4
2 Eng: 7+ Seats	5,619	4,996	0.9	69	22.6	1.4	20.1	4,852	0.5	97.1	0.4
2 Engine: Total	22,727	19,337	1.5	176	40.9	0.9	34.8	19,079	0.5	98.7	0.4
Piston: Total	212,211	166,907	2.4	108,125	3.8	64.8	3.0	55,925	7.2	33.5	5.7

Table 7.1

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT, AND TOTAL NUMBER OF AIRCRAFT WITH FIXED OR RETRACTABLE WHEELS***  
**BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimate of Number Active	Percent Standard Error	Estimate of Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Percent Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Active Aircraft w/ Retractable Wheels	Percent Standard Error	Estimate of Percent Active Aircraft w/ Retractable Wheels	Percent Standard Error
Fixed Wing - Turboprop											
1 Engine: Total	4,275	4,059	0.2	1,644	1.2	40.5	1.2	2,382	0.8	58.7	0.8
2 Eng: 1-12 Seats	4,835	4,567	0.3	22	17.5	0.5	16.6	4,541	0.1	99.4	0.1
2 Eng: 13+ Seats	1,042	889	0.5	45	5.5	5.0	4.7	844	0.3	95.0	0.2
2 Engine: Total	5,878	5,456	0.3	66	11.0	1.2	10.2	5,385	0.1	98.7	0.1
Turboprop: Total	10,153	9,514	0.3	1,710	2.4	18.0	2.2	7,767	0.5	81.6	0.5
Fixed Wing - Turbojet											
Turbojet: Total	11,189	10,385	0.3	60	13.9	0.6	12.9	10,325	0.1	99.4	0.1
Fixed Wing: Total	233,553	186,806	1.6	109,896	3.1	58.8	2.5	74,017	4.5	39.6	3.6

Table 7.1

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT, AND TOTAL NUMBER OF AIRCRAFT WITH FIXED OR RETRACTABLE WHEELS***  
BY AIRCRAFT TYPE

AIRCRAFT TYPE	Aircraft Population Size	Estimate of Number Active	Percent Standard Error	Estimate of Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Percent Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Active Aircraft w/ Retractable Wheels	Percent Standard Error	Estimate of Percent Active Aircraft w/ Retractable Wheels	Percent Standard Error
Rotorcraft											
Piston	4,265	2,769	1.1	266	5.6	9.6	3.6	19	22.2	0.7	14.4
1 Eng: Turbine	6,455	5,431	0.6	303	5.8	5.6	4.9	3	63.8	0.0	53.7
Multi-Eng: Turbine	1,482	1,367	0.3	86	4.6	6.3	4.3	614	1.3	44.9	1.2
Turbine: Total	7,936	6,798	0.5	389	5.5	5.7	4.7	617	4.3	9.1	3.7
Rotorcraft: Total	12,201	9,567	0.7	655	5.5	6.8	4.3	636	5.6	6.6	4.4
Other Aircraft											
Gliders	3,156	1,947	1.1	991	1.7	50.9	1.0	953	1.7	49.0	1.1
Lighter-than-air	6,960	3,993	2.0	3	109.6	0.1	62.9	0		0.0	
Other Aircraft: Total	10,115	5,940	1.6	994	5.5	16.7	3.2	953	5.7	16.0	3.3

Table 7.1

**2007 GENERAL AVIATION AND AIR TAXI POPULATION SIZE, ACTIVE AIRCRAFT, AND TOTAL NUMBER OF AIRCRAFT  
WITH FIXED OR RETRACTABLE WHEELS  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimate of Number Active	Percent Standard Error	Estimate of Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Percent Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Active Aircraft w/ Retrac Wheels	Percent Standard Error	Estimate of Percent Active Aircraft w/ Retrac Wheels	Percent Standard Error
Experimental											
Amateur	35,575	19,538	2.1	16,094	1.4	82.4	0.8	2,714	7.7	13.9	4.2
Exhibition	3,057	2,101	1.1	583	3.1	27.8	2.1	1,484	1.2	70.6	0.8
Other	2,216	1,589	0.7	488	2.0	30.7	1.4	882	1.2	55.5	0.9
Experimental: Total	40,848	23,228	1.8	17,165	1.7	73.9	0.9	5,081	5.3	21.9	3.0
Light-sport	8,391	6,066	0.5	5,901	0.2	97.3	0.1	0		0.0	
Total All Aircraft	305,108	231,607	1.5	134,612	2.5	58.1	1.9	80,687	4.1	34.8	3.1

## Table Notes:

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.

Beginning in 2007, the survey increased the number of different types of landing gear that could be reported.

Table 7.2

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL ANNUAL HOURS AND PERCENT HOURS FLOWN  
WITH FIXED OR RETRACTABLE WHEELS*  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Estimate of Annual Hours Flown	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Retractable Wheels	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Retractable Wheels	Percent Standard Error
Fixed Wing										
Fixed Wing - Piston										
1 Eng: 1-3 Seats	2,756,087	5.1	2,611,713	4.1	94.8	4.1	79,960	26.2	2.9	26.2
1 Eng: 4+ Seats	10,815,321	2.2	7,146,536	5.2	66.1	5.2	3,445,140	7.5	31.9	7.5
1 Engine: Total	13,571,408	2.1	9,758,249	4.9	71.9	4.9	3,525,099	8.0	26.0	8.0
2 Eng: 1-6 Seats	1,744,749	5.5	9,242	65.2	0.5	65.2	1,734,301	4.0	99.4	4.0
2 Eng: 7+ Seats	941,322	3.9	24,506	10.8	2.6	10.8	914,219	2.4	97.1	2.4
2 Engine: Total	2,686,071	3.6	33,747	25.3	1.3	25.3	2,648,520	3.3	98.6	3.3
Piston: Total	16,257,479	1.8	9,791,996	5.4	60.2	5.4	6,173,620	6.1	38.0	6.1

Table 7.2

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL ANNUAL HOURS AND PERCENT HOURS FLOWN  
WITH FIXED OR RETRACTABLE WHEELS*  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Estimate of Annual Hours Flown	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Retractable Wheels	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Retractable Wheels	Percent Standard Error
Fixed Wing - Turboprop										
1 Engine: Total	1,117,958	1.3	659,287	1.0	59.0	1.0	453,713	1.8	40.6	1.8
2 Eng: 1-12 Seats	1,214,624	1.9	7,501	12.7	0.6	12.7	1,206,799	1.1	99.4	1.1
2 Eng: 13+ Seats	328,892	5.7	10,109	7.9	3.1	7.9	318,783	1.1	96.9	1.1
2 Engine: Total	1,543,516	1.9	17,610	10.9	1.1	10.9	1,525,582	1.1	98.8	1.1
Turboprop: Total	2,661,474	1.2	676,896	1.8	25.4	1.8	1,979,295	1.3	74.4	1.3
Fixed Wing - Turbojet										
Turbojet: Total	3,938,215	0.8	23,509	12.6	0.6	12.6	3,914,706	1.0	99.4	1.0
Fixed Wing: Total	22,857,168	1.3	10,492,401	4.9	45.9	4.9	12,067,620	3.5	52.8	3.5

Table 7.2

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL ANNUAL HOURS AND PERCENT HOURS FLOWN  
WITH FIXED OR RETRACTABLE WHEELS*  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Estimate of Annual Hours Flown	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Retractable Wheels	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Retractable Wheels	Percent Standard Error
<b>Rotorcraft</b>										
Piston	704,382	4.2	61,022	4.2	8.7	4.2	1,077	63.8	0.2	63.8
1 Eng: Turbine	1,990,913	1.8	93,808	5.9	4.7	5.9	1,053	49.2	0.1	49.2
Multi-Eng: Turbine	550,163	2.6	17,342	8.7	3.2	8.7	256,269	1.6	46.6	1.6
Turbine: Total	2,541,076	1.5	111,150	6.4	4.4	6.4	257,322	3.5	10.1	3.5
Rotorcraft: Total	3,245,458	1.5	172,172	5.8	5.3	5.8	258,400	3.8	8.0	3.8
<b>Other Aircraft</b>										
Gliders	107,597	5.1	55,177	1.5	51.3	1.5	52,336	1.5	48.6	1.5
Lighter-than-air	107,372	7.6	3,354	1.6	3.1	1.6	0		0.0	
Other Aircraft: Total	214,969	4.9	58,531	2.2	27.2	2.2	52,336	2.4	24.3	2.4



Table 7.2

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL ANNUAL HOURS AND PERCENT HOURS FLOWN  
WITH FIXED OR RETRACTABLE WHEELS*  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Estimate of Annual Hours Flown	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Retractable Wheels	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Retractable Wheels	Percent Standard Error
Experimental										
Amateur	896,485	2.7	717,623	1.9	80.0	1.9	140,793	4.0	15.7	4.0
Exhibition	101,566	4.9	25,977	2.7	25.6	2.7	74,823	1.5	73.7	1.5
Other	276,574	4.6	66,211	2.2	23.9	2.2	142,544	1.4	51.5	1.4
Experimental: Total	1,274,625	3.0	809,811	2.1	63.5	2.1	358,159	2.6	28.1	2.6
Light-sport	259,763	1.9	252,257	0.7	97.1	0.7	0		0.0	
Total All Aircraft	27,851,982	1.0	11,785,172	4.1	42.3	4.1	12,736,515	2.9	45.7	2.9

## Table Notes:

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.

Beginning in 2007, the survey increased the number of different types of landing gear that could be reported.

Table 7.3

**2007 GENERAL AVIATION AND AIR TAXI *ACTIVE AIRCRAFT AND TOTAL NUMBER OF AIRCRAFT  
WITH FIXED OR RETRACTABLE WHEELS***  
**BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT				Estimate of Total Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Total Active Aircraft w/ Retrac Wheels	Percent Standard Error
(YEARS OLD)	(BUILT)						
1	to	5	2003 - 2007	17,081	0.9	5,249	2.5
6	to	10	1998 - 2002	9,707	1.7	5,956	2.6
11	to	15	1993 - 1997	4,290	2.6	3,397	3.2
16	to	20	1988 - 1992	2,375	3.2	3,092	2.5
21	to	25	1983 - 1987	4,552	3.5	6,855	2.4
26	to	30	1978 - 1982	16,460	3.5	18,418	3.2
31	to	35	1973 - 1977	22,582	3.1	12,298	5.5
36	to	40	1968 - 1972	14,693	3.2	7,581	5.9
41	to	45	1963 - 1967	14,435	3.9	8,410	6.6
46	to	50	1958 - 1962	7,573	4.5	4,978	6.7

Table 7.3

**2007 GENERAL AVIATION AND AIR TAXI *ACTIVE AIRCRAFT AND TOTAL NUMBER OF AIRCRAFT  
WITH FIXED OR RETRACTABLE WHEELS***  
**BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT		Estimate of Total Active Aircraft w/ Fixed Wheels	Percent Standard Error	Estimate of Total Active Aircraft w/ Retrac Wheels	Percent Standard Error
(YEARS OLD)	(BUILT)				
51 to 55	1953 - 1957	4,691	2.8	1,176	10.1
56 to 60	1948 - 1952	6,689	3.2	1,287	15.5
Over 60	- 1947	9,484	3.9	1,990	17.1
Total All Aircraft		134,612	2.5	80,687	4.1

## Table Notes:

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

Columns may not add to totals due to rounding procedures.

Beginning in 2007, the survey increased the number of different types of landing gear that could be reported.

Table 7.4

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT, AND TOTAL NUMBER OF AIRCRAFT WITH FLOATS OR OTHER LANDING GEAR SYSTEM***  
**BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimate of Number Active	Percent Standard Error	Estimate of Active Aircraft w/Floats	Percent Standard Error	Estimate of Percent Active Aircraft w/Floats	Percent Standard Error	Estimate of Active Aircraft w/Other Landing Gear	Percent Standard Error	Estimate of Percent Active Aircraft w/Other Landing Gear	Percent Standard Error
Fixed Wing											
Fixed Wing - Piston											
1 Eng: 1-3 Seats	57,676	36,366	3.8	598	48.9	1.6	30.9	240	77.6	0.7	48.9
1 Eng: 4+ Seats	131,808	111,203	2.0	1,719	39.9	1.5	33.7	72	196.3	0.1	165.6
1 Engine: Total	189,484	147,569	2.5	2,317	42.3	1.6	32.9	313	116.0	0.2	90.3
2 Eng: 1-6 Seats	17,107	14,342	1.9	6	235.9	0.0	197.8	2	386.6	0.0	324.1
2 Eng: 7+ Seats	5,619	4,996	0.9	74	21.8	1.5	19.4	0		0.0	
2 Engine: Total	22,727	19,337	1.5	80	60.8	0.4	51.7	2	369.4	0.0	314.3
Piston: Total	212,211	166,907	2.4	2,397	42.5	1.4	33.4	315	118.1	0.2	92.9

Table 7.4

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT, AND TOTAL NUMBER OF AIRCRAFT WITH FLOATS OR OTHER LANDING GEAR SYSTEM***  
**BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimate of Number Active	Percent Standard Error	Estimate of Active Aircraft w/Floats	Percent Standard Error	Estimate of Percent Active Aircraft w/Floats	Percent Standard Error	Estimate of Active Aircraft w/Other Landing Gear	Percent Standard Error	Estimate of Percent Active Aircraft w/Other Landing Gear	Percent Standard Error
Fixed Wing - Turboprop											
1 Engine: Total	4,275	4,059	0.2	33	11.2	0.8	10.6	0		0.0	
2 Eng: 1-12 Seats	4,835	4,567	0.3	2	54.9	0.0	51.9	2	56.6	0.0	53.5
2 Eng: 13+ Seats	1,042	889	0.5	0		0.0		0		0.0	
2 Engine: Total	5,878	5,456	0.3	2	60.6	0.0	56.2	2	62.4	0.0	57.9
Turboprop: Total	10,153	9,514	0.3	35	18.6	0.4	17.4	2	76.0	0.0	71.2
Fixed Wing - Turbojet											
Turbojet: Total	11,189	10,385	0.3	0		0.0		0		0.0	
Fixed Wing: Total	233,553	186,806	1.6	2,432	31.9	1.3	25.5	317	88.9	0.2	71.1

Table 7.4

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT, AND TOTAL NUMBER OF AIRCRAFT WITH FLOATS OR OTHER LANDING GEAR SYSTEM***  
**BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimate of Number Active	Percent Standard Error	Estimate of Active Aircraft w/Floats	Percent Standard Error	Estimate of Percent Active Aircraft w/Floats	Percent Standard Error	Estimate of Active Aircraft w/Other Landing Gear	Percent Standard Error	Estimate of Percent Active Aircraft w/Other Landing Gear	Percent Standard Error
<b>Rotorcraft</b>											
Piston	4,265	2,769	1.1	19	22.1	0.7	14.3	2,351	0.8	84.9	0.5
1 Eng: Turbine	6,455	5,431	0.6	84	11.2	1.6	9.4	4,951	0.4	91.2	0.4
Multi-Eng: Turbine	1,482	1,367	0.3	0		0.0		664	1.2	48.5	1.1
Turbine: Total	7,936	6,798	0.5	84	12.1	1.2	10.4	5,614	0.6	82.6	0.5
Rotorcraft: Total	12,201	9,567	0.7	103	14.4	1.1	11.3	7,965	0.7	83.3	0.5
<b>Other Aircraft</b>											
Gliders	3,156	1,947	1.1	0		0.0		0		0.0	
Lighter-than-air	6,960	3,993	2.0	0		0.0		2	130.4	0.1	74.8
Other Aircraft: Total	10,115	5,940	1.6	0		0.0		2	126.9	0.0	74.5

Table 7.4

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT, AND TOTAL NUMBER OF AIRCRAFT WITH FLOATS OR OTHER LANDING GEAR SYSTEM***  
**BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimate of Number Active	Percent Standard Error	Estimate of Active Aircraft w/Floats	Percent Standard Error	Estimate of Percent Active Aircraft w/Floats	Percent Standard Error	Estimate of Active Aircraft w/Other Landing Gear	Percent Standard Error	Estimate of Percent Active Aircraft w/Other Landing Gear	Percent Standard Error
Experimental											
Amateur	35,575	19,538	2.1	249	27.1	1.3	14.9	270	26.0	1.4	14.3
Exhibition	3,057	2,101	1.1	0		0.0		13	23.6	0.6	16.2
Other	2,216	1,589	0.7	34	8.9	2.2	6.4	173	3.8	10.9	2.7
Experimental: Total	40,848	23,228	1.8	283	25.0	1.2	14.2	457	19.6	2.0	11.2
Light-sport	8,391	6,066	0.5	149	6.3	2.5	4.6	16	19.8	0.3	14.3
Total All Aircraft	305,108	231,607	1.5	2,968	26.3	1.3	20.0	8,756	15.1	3.8	11.5

## Table Notes:

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.

Beginning in 2007, the survey increased the number of different types of landing gear that could be reported.

Table 7.5

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL ANNUAL HOURS AND PERCENT HOURS FLOWN***  
***WITH FLOATS OR OTHER LANDING GEAR SYSTEM***  
**BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Estimate of Annual Hours Flown	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Floats	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Floats	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Other Landing Gear	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Other Landing Gear	Percent Standard Error
Fixed Wing										
Fixed Wing - Piston										
1 Eng: 1-3 Seats	2,756,087	5.1	45,481	31.0	1.7	31	18,933	47.2	0.7	47.2
1 Eng: 4+ Seats	10,815,321	2.2	208,945	27.2	1.9	27.2	5,944	195.6	0.1	195.6
1 Engine: Total	13,571,408	2.1	254,427	27.8	1.9	27.8	24,878	104.4	0.2	104.4
2 Eng: 1-6 Seats	1,744,749	5.5	272	517.6	0.0	517.6	934	91.9	0.1	91.9
2 Eng: 7+ Seats	941,322	3.9	2,597	105.3	0.3	105.3	0		0.0	
2 Engine: Total	2,686,071	3.6	2,869	200.9	0.1	200.9	934	101.8	0.0	101.8
Piston: Total	16,257,479	1.8	257,296	30.6	1.6	30.6	25,812	110.4	0.2	110.4



Table 7.5

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL ANNUAL HOURS AND PERCENT HOURS FLOWN  
WITH FLOATS OR OTHER LANDING GEAR SYSTEM*  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Estimate of Annual Hours Flown	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Floats	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Floats	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Other Landing Gear	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Other Landing Gear	Percent Standard Error
Fixed Wing - Turboprop										
1 Engine: Total	1,117,958	1.3	4,959	19.3	0.4	19.3	0		0.0	
2 Eng: 1-12 Seats	1,214,624	1.9	221	138.0	0.0	138	104	284.5	0.0	284.5
2 Eng: 13+ Seats	328,892	5.7	0		0.0		0		0.0	
2 Engine: Total	1,543,516	1.9	221	159.1	0.0	159.1	104	328.0	0.0	328.0
Turboprop: Total	2,661,474	1.2	5,179	32.7	0.2	32.7	104	398.6	0.0	398.6
Fixed Wing - Turbojet										
Turbojet: Total	3,938,215	0.8	0		0.0		0		0.0	
Fixed Wing: Total	22,857,168	1.3	262,475	29.1	1.1	29.1	25,916	106.5	0.1	106.5

Table 7.5

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL ANNUAL HOURS AND PERCENT HOURS FLOWN  
WITH FLOATS OR OTHER LANDING GEAR SYSTEM*  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Estimate of Annual Hours Flown	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Floats	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Floats	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Other Landing Gear	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Other Landing Gear	Percent Standard Error
<b>Rotorcraft</b>										
Piston	704,382	4.2	2,100	32.9	0.3	32.9	618,105	1.2	87.8	1.2
1 Eng: Turbine	1,990,913	1.8	25,383	11.6	1.3	11.6	1,855,495	1.2	93.2	1.2
Multi-Eng: Turbine	550,163	2.6	0		0.0		275,730	1.5	50.1	1.5
Turbine: Total	2,541,076	1.5	25,383	13.0	1.0	13	2,131,224	1.3	83.9	1.3
Rotorcraft: Total	3,245,458	1.5	27,483	14.4	0.8	14.4	2,749,330	1.3	84.7	1.3
<b>Other Aircraft</b>										
Gliders	107,597	5.1	0		0.0		0		0.0	
Lighter-than-air	107,372	7.6	0		0.0		113	40.2	0.1	40.2
Other Aircraft: Total	214,969	4.9	0		0.0		113	53.9	0.1	53.9

Table 7.5

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL ANNUAL HOURS AND PERCENT HOURS FLOWN  
WITH FLOATS OR OTHER LANDING GEAR SYSTEM*  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Estimate of Annual Hours Flown	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Floats	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Floats	Percent Standard Error	Estimate of Hours Flown by Aircraft w/ Other Landing Gear	Percent Standard Error	Estimate of Percent of Hours Flown by Aircraft w/ Other Landing Gear	Percent Standard Error
Experimental										
Amateur	896,485	2.7	13,033	13.1	1.5	13.1	22,737	7.9	2.5	7.9
Exhibition	101,566	4.9	0		0.0		557	19.0	0.5	19.0
Other	276,574	4.6	4,807	8.1	1.7	8.1	62,816	1.4	22.7	1.4
Experimental: Total	1,274,625	3.0	17,840	12.5	1.4	12.5	86,110	3.3	6.8	3.3
Light-sport	259,763	1.9	6,796	4.4	2.6	4.4	710	13.5	0.3	13.5
Total All Aircraft	27,851,982	1.0	314,594	22.8	1.1	22.8	2,862,178	4.3	10.3	4.3

## Table Notes:

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.

Beginning in 2007, the survey increased the number of different types of landing gear that could be reported.

Table 7.6

**2007 GENERAL AVIATION AND AIR TAXI *ACTIVE AIRCRAFT AND TOTAL NUMBER OF AIRCRAFT  
WITH FLOATS OR OTHER LANDING GEAR SYSTEM*  
BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT					Estimate of	Percent	Estimate of	Percent	
(YEARS	(BUILT)				Total Active	Standard	Total Active	Standard	
OLD)					Aircraft	Error	Aircraft	Error	
					w/ Floats		w/ Other		
							Landing Gear		
1	to	5	2002	-	2006	274	12.1	1,947	4.4
6	to	10	1997	-	2001	203	17.0	1,096	7.1
11	to	15	1992	-	1996	60	29.6	727	8.2
16	to	20	1987	-	1991	27	36.5	671	7.0
21	to	25	1982	-	1986	120	27.3	536	12.7
26	to	30	1977	-	1981	475	28.0	842	20.9
31	to	35	1972	-	1976	438	35.7	781	26.6
36	to	40	1967	-	1971	315	34.7	1,145	17.9
41	to	45	1962	-	1966	256	46.9	464	34.6
46	to	50	1957	-	1961	206	41.6	182	44.3

Table 7.6

**2007 GENERAL AVIATION AND AIR TAXI *ACTIVE AIRCRAFT AND TOTAL NUMBER OF AIRCRAFT  
WITH FLOATS OR OTHER LANDING GEAR SYSTEM***  
**BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT		Estimate of Total Active Aircraft w/ Floats	Percent Standard Error	Estimate of Total Active Aircraft w/ Other Landing Gear	Percent Standard Error
(YEARS OLD)	(BUILT)				
51 to 55	1952 - 1956	190	27.4	136	32.5
56 to 60	1947 - 1951	113	56.5	88	64.0
Over 60	- 1946	292	48.3	141	69.9
Total All Aircraft		2,968	26.3	8,756	15.1

## Table Notes:

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

Columns may not add to totals due to rounding procedures.

Beginning in 2007, the survey increased the number of different types of landing gear that could be reported.