



## SHIPMENTS

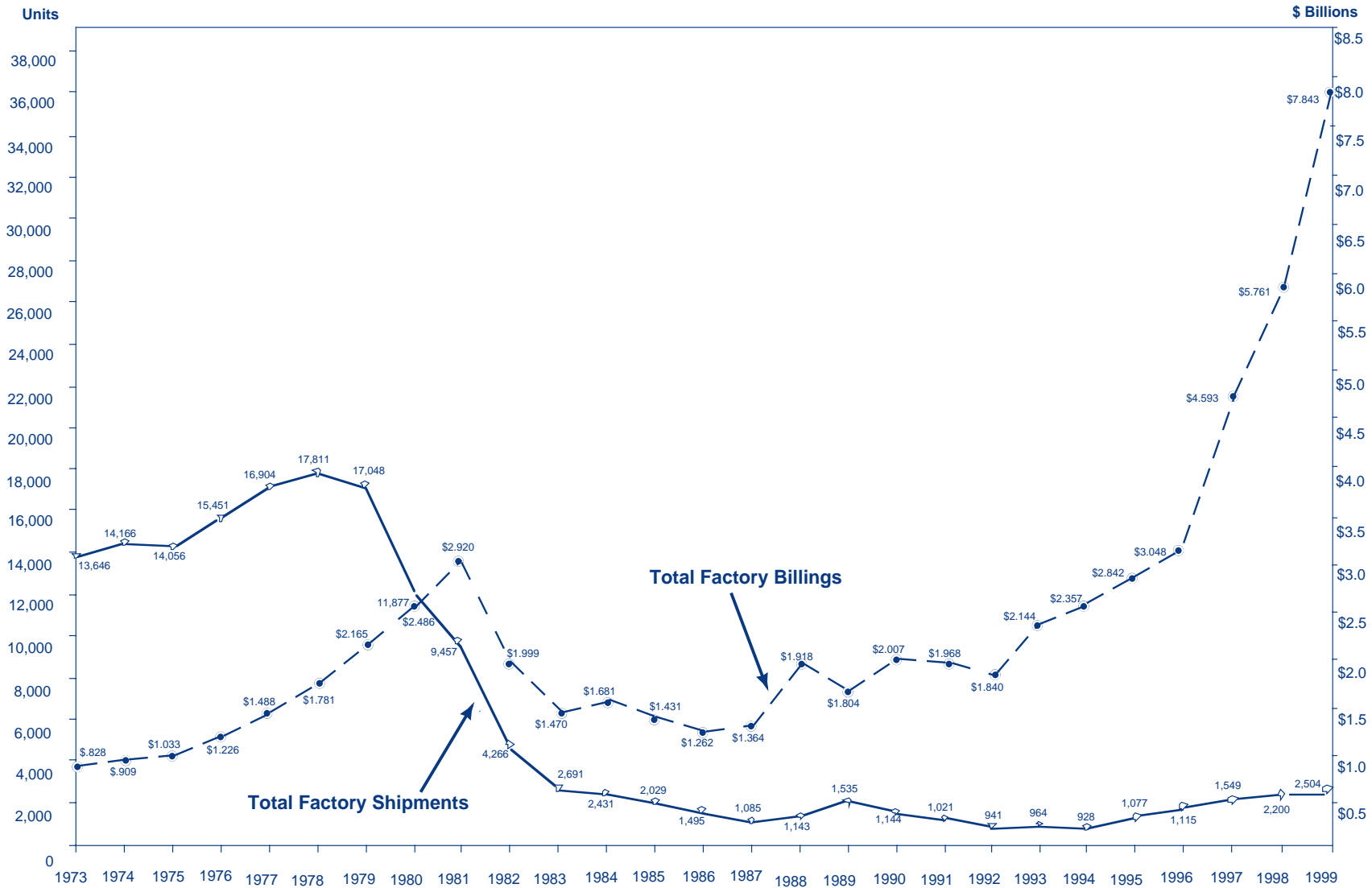
### Annual Shipments of New U.S. Manufactured General Aviation Airplanes By Units Shipped, Number of Companies Reporting, and Factory Net Billings

Year	Units Shipped	Companies Reporting	Factory Net Billings (Millions)
1946	35,000	—	\$ 110.0
1947	15,594	15	57.9
1948	7,037	12	32.4
1949	3,405	11	17.7
1950	3,386	13	19.1
1951	2,302	12	16.8
1952	3,058	8	26.8
1953	3,788	7	34.4
1954	3,071	7	43.4
1955	4,434	7	68.2
1956	6,738	8	103.7
1957	6,118	9	99.6
1958	6,414	10	101.9
1959	7,689	9	129.8
1960	7,588	8	151.2
1961	6,778	8	124.3
1962	6,697	7	136.8
1963	7,569	7	153.4
1964	9,336	8	198.8
1965	11,852	8	318.2
1966	15,768	10	444.9
1967	13,577	14	359.6
1968	13,698	14	425.7
1969	12,457	14	584.5
1970	7,292	13	337.0
1971	7,466	11	321.5
1972	9,774	12	557.6
1973	13,646	12	828.1
1974	14,166	12	909.4
1975	14,056	12	1,032.9
1976	15,451	12	1,225.5
1977	16,904	12	1,488.1
1978	17,811	12	1,781.2
1979	17,048	12	2,165.0
1980	11,877	12	2,486.2
1981	9,457	12	2,919.9
1982	4,266	11	1,999.5
1983	2,691	10	1,469.5
1984	2,431	9	1,680.7
1985	2,029	9	1,430.6
1986	1,495	9	1,261.9
1987	1,085	9	1,363.5
1988	1,143	9	1,918.4
1989	1,535	11	1,803.9
1990	1,144	14	2,007.5
1991	1,021	14	1,968.3
1992	941	16	1,839.6
1993	964	16	2,143.8
1994	928	13	2,357.1
1995	1,077	13	2,841.9
1996R	1,115	13	3,047.5
1997R	1,549	12	4,592.9
1998R	2,200	12	5,761.2
1999	2,504	13	7,843.0

R=Revised

Source: GAMA

## Annual New U.S. Manufactured General Aviation Unit Shipments/Billings



Source: GAMA

...AND BILLINGS





## SHIPMENTS BY TYPE

### Annual New U.S. Manufactured General Aviation Airplane Shipments By Type of Airplane

Year	Grand Total	Single-Engine	Multi-Engine	Total Piston	Turboprop	Jet	Total Turbine
1962	6,697	5,690	1,007	6,697	0	0	0
1963	7,569	6,248	1,321	7,569	0	0	0
1964	9,336	7,718	1,606	9,324	9	3	12
1965	11,852	9,873	1,780	11,653	87	112	199
1966	15,768	13,250	2,192	15,442	165	161	326
1967	13,577	11,557	1,773	13,330	149	98	247
1968	13,698	11,398	1,959	13,357	248	93	341
1969	12,457	10,054	2,078	12,132	214	111	325
1970	7,292	5,942	1,159	7,101	135	56	191
1971	7,466	6,287	1,043	7,330	89	47	136
1972	9,774	7,913	1,548	9,446	179	134	313
1973	13,646	10,788	2,413	13,193	247	198	445
1974	14,166	11,579	2,135	13,697	250	202	452
1975	14,056	11,441	2,116	13,555	305	194	499
1976	15,451	12,785	2,120	14,905	359	187	546
1977	16,904	14,054	2,195	16,249	428	227	655
1978	17,811	14,398	2,634	17,032	548	231	779
1979	17,048	13,286	2,843	16,129	639	282	921
1980	11,877	8,640	2,116	10,756	778	326	1,104
1981	9,457	6,608	1,542	8,150	918	389	1,307
1982	4,266	2,871	678	3,549	458	259	717
1983	2,691	1,811	417	2,228	321	142	463
1984	2,431	1,620	371	1,991	271	169	440
1985	2,029	1,370	193	1,563	321	145	466
1986	1,495	985	138	1,123	250	122	372
1987	1,085	613	87	700	263	122	385
1988	1,143	628	67	695	291	157	448
1989	1,535	1,023	87	1,110	268	157	425
1990	1,144	608	87	695	281	168	449
1991	1,021	564	49	613	222	186	408
1992	941	552	41	593	177	171	348
1993	964	516	39	555	211	198	409
1994	928	444	55	499	207	222	429
1995	1,077	515	61	576	255	246	501
1996 R	1,115	524	67	591	290	233	523
1997 R	1,549	898	86	984	223	342	565
1998 R	2,200	1,434	94	1,528	259	413	672
1999	2,504	1,634	114	1,748	239	517	756

R=Revised

Source: GAMA

### Estimated Value of Annual New U.S. Manufactured General Aviation Airplane Shipments By Type of Airplane (In Millions)

Year	**Grand Total	Single-Engine	Multi-Engine	Total Piston	Turboprop	Jet	Total Turbine
1975	\$ 1,033	\$ 290	\$ 280	\$ 570	\$ 180	\$ 281	\$ 461
1976	1,226	376	320	696	238	293	531
1977	1,488	473	390	863	296	329	625
1978	1,781	516	493	1,009	394	378	772
1979	2,165	523	555	1,078	548	540	1,088
1980	2,486	391	403	794	875	816	1,691
1981	2,920	327	348	675	1,120	1,125	2,245
1982	2,000	200	220	420	590	990	1,580
1983	1,470	145	115	260	460	750	1,210
1984	1,681	147	133	280	436	966	1,402
1985	1,431	126	68	194	524	713	1,237
1986	1,262	80	43	123	430	709	1,139
1987	1,364	80	18	98	477	789	1,266
1988	1,918	66	12	78	596	1,242	1,838
1989	1,804	104	24	128	524	1,149	1,673
1990	2,008	68	24	92	644	1,272	1,916
1991	1,968	*	*	93	527	1,348	1,875
1992	1,840	*	*	96	460	1,284	1,744
1993	2,144	*	*	76	595	1,473	2,068
1994	2,357	*	*	81 R	595	1,681	2,276
1995	2,842	*	*	123	653	2,066	2,719
1996	3,127	*	*	142 R	715 R	2,191 R	2,906 R
1997	4,674	*	*	200 R	727 R	3,653 R	4,380 R
1998	5,874	*	*	330 R	763 R	4,668 R	5,431 R
1999	7,843	*	*	385	658	6,800	7,458

\*Multi-Engine combined with Single-Engine Piston.

\*\*Some Totals do not add up due to rounding.

R=Revised.

Source: GAMA

# SHIPMENTS BY YEAR AND BY QUARTER



## U.S. Manufactured General Aviation Airplane Shipments By Year and Quarter

YEAR	QUARTER I	QUARTER II	QUARTER III	QUARTER IV	YEAR END
1963	1,806	2,000	1,625	2,138	7,569
1964	2,156	2,503	1,934	2,743	9,336
1965	2,642	3,008	2,859	3,343	11,852
1966*	3,855	4,266	3,881	3,585	15,768
1967*	3,392	3,480	2,801	3,811	13,577
1968*	3,661	3,545	3,282	3,068	13,698
1969*	3,297	3,592	2,825	2,693	12,457
1970*	1,929	2,099	1,749	1,500	7,292
1971*	1,771	1,902	1,903	1,770	7,466
1972	2,157	2,564	2,417	2,636	9,744
1973	3,246	3,555	3,442	3,403	13,646
1974	3,493	3,576	3,488	3,609	14,166
1975	3,777	3,562	3,291	3,426	14,056
1976	3,949	4,159	3,479	3,864	15,451
1977	4,124	4,513	3,985	4,282	16,904
1978	4,176	4,621	4,672	4,342	17,811
1979	4,259	4,602	4,426	3,761	17,048
1980	3,512	2,756	2,796	2,813	11,877
1981	2,389	2,631	2,529	1,908	9,457
1982	1,390	1,126	890	860	4,266
1983	659	709	717	606	2,691
1984	523	563	681	664	2,431
1985	455	519	581	474	2,029
1986	285	364	393	453	1,495
1987	227	330	239	289	1,085
1988	260	291	252	340	1,143
1989	304	361	425	445	1,535
1990	269	294	274	297	1,144
1991	250	262	237	272	1,021
1992*	193	200	238	225	941
1993*	170	194	246	260	964
1994*	181	225	209	266	928
1995*	208	248	257	315	1,077
1996*R	229	284	230	310	1,115
1997*R	253	337	367	525	1,549
1998*R	481	486	546	602	2,200
1999*	502	611	606	702	2,504

\*Quarterly figures do not sum to annual because some manufacturers reported annual shipments only.

Source: GAMA

## U.S. Civil Airplane Imports from the World—1995-1999 Units and Dollar Value (\$Millions)

	1995		1996		1997		1998		1999	
	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars	Units	Dollars
Single-Engine	117	\$48.5	100	\$57.8	99	\$71.8	102	\$81.3	162	\$145.5
Multi-Engine—under 4,400 lbs	5	\$0.3	0	\$0	2	\$0.2	4	\$3.6	3	\$0.2
Multi-Engine—4,400-10,000 lbs	2	\$3.0	1	\$8	2	\$5.4	3	\$6.4	1	\$4.5
Multi-Engine—Turbojet/Turbofan 10,000-33,000 lbs.	72	\$902.4	96	\$1,286.6	114	\$1,795.2	171	\$2,860.8	239	\$3,879.1
Multi-Engine—Other —including Turboshaft 10,000-33,000 lbs	63	\$494.6	90	\$783.9	65	\$641.1	60	\$578.3	27	\$249.7
<b>TOTAL</b>	<b>261</b>	<b>\$1,710.9</b>	<b>259</b>	<b>\$1,448.8</b>	<b>287</b>	<b>\$2,136.2</b>	<b>282</b>	<b>\$2,513.7</b>	<b>432</b>	<b>\$4,279</b>

Source: Aerospace Industries Association



## EXPORTS

### Annual New U.S. Manufactured General Aviation Airplane Exports

Year	Units Exported	% of Total Production	Factory Net Billings (Millions)	% of Total Dollars
1965	2,325	19.6%	\$ 61.2	19.2%
1966	2,903	18.4%	75.4	16.9%
1967	3,035	22.4%	76.5	21.3%
1968	2,803	20.5%	91.5	21.5%
1969	2,623	21.1%	107.1	18.3%
1970	2,170	29.8%	98.9	29.3%
1971	1,854	24.8%	95.6	29.7%
1972	2,254	23.1%	137.9	24.7%
1973	3,530	25.9%	230.2	27.8%
1974	4,248	30.0%	287.5	31.6%
1975	3,512	25.0%	308.1	29.8%
1976	3,539	22.9%	331.2	27.0%
1977	3,611	21.4%	354.5	23.8%
1978	3,612	20.3%	486.7	27.3%
1979	3,995	23.4%	600.9	27.8%
1980	3,555	29.9%	756.4	30.4%
1981	2,270	24.0%	749.0	25.7%
1982	1,162	27.2%	650.2	32.5%
1983	513	19.1%	316.5	21.5%
1984	334	13.7%	260.7	15.5%
1985	354	17.4%	230.0	16.1%
1986	441	29.5%	343.6	27.2%
1987	439	40.5%	469.3	34.4%
1988	425	37.2%	626.8	32.7%
1989	566	36.9%	587.0	32.5%
1990	458	40.0%	872.2	43.4%
1991	382	37.4%	807.0	41.0%
1992	353	39.0%	608.7	33.0%
1993	349	36.2%	856.8	40.0%
1994	277	29.8%	684.2	29.0%
1995	315	29.3%	815.9	28.7%
1996	345	30.5%	903.0	28.9%
1997	449	28.6%	1,504.6	32.2%
1998	535	24.1%	1,640.1	27.9%
1999	562	22.3%	2,503.8	31.6%

Source: GAMA

### Annual New U.S. Manufactured General Aviation Airplane Exports by Type

Year	Single-Engine Piston	Multi-Engine Piston	Turboprop	Turbojet
1972	1,715	455	55	29
1973	2,674	732	58	66
1974	3,371	732	75	70
1975	2,680	644	122	66
1976	2,704	669	114	52
1977	2,835	594	126	56
1978	2,712	652	166	82
1979	2,942	774	181	98
1980	2,565	635	245	110
1981	1,546	363	259	102
1982	718	227	135	82
1983	298	119	66	30
1984	199	79	25	31
1985	208	69	49	28
1986	272	69	68	32
1987	252	60	78	49
1988	220	52	91	62
1989	385	46	78	57
1990	224	57	86	91
1991	204	25	74	79
1992	196	16	90	51
1993	149	23	109	68
1994	84	42	84	67
1995	130	30	85	70
1996	126	24	135	60
1997	199	25	126	99
1998	268	30	131	106
1999	237	23	42	158

Source: GAMA