



General Aviation Aircraft Shipment Report

General Aviation Manufacturers Association

1400 K Street NW, Suite 801 | Washington, DC 20005 | USA

Rue de la Science 14 | Brussels 1040 | Belgium

2013 Year End

Aircraft Shipments^{1, 2, 6} by Type - Manufactured Worldwide

	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	188	259	210	251	908
Multi-Engine Piston	21	37	23	41	122
Total Piston Airplanes	209	296	233	292	1,030
Single-Engine Turboprops	102	116	126	164	508
Multi-Engine Turboprops	34	24	26	51	137
Total Turboprop Airplanes	136	140	152	215	645
Business Jets	129	154	138	257	678
Total Turbine Airplanes	265	294	290	472	1,323
Grand Total Airplane Shipments	474	590	523	764	2,353
Grand Total Airplane Billings	\$4,704,548,638	\$5,731,215,616	\$4,983,012,706	\$8,016,759,275	\$23,449,926,236
Piston Helicopters	89	87	80	79	335
Turbine Helicopters	258	301	275	277	1,111
Grand Total Helicopter Shipments	347	388	355	356	1,446
Grand Total Helicopter Billings	\$1,249,482,769	\$1,431,250,846	\$1,369,531,923	\$1,532,449,154	\$6,845,714,692

Airplane Shipments^{1, 2, 6} by Type - Manufactured in United States³

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	124	208	147	195	674
Multi-Engine Piston	12	24	14	30	80
Total Piston	136	232	161	225	754
Single-Engine Turboprops	88	91	98	115	392
Multi-Engine Turboprops	34	24	26	51	135
Total Turboprop Airplanes	122	115	124	166	527
Business Jets	71	66	68	129	334
Total Turbine	193	181	192	295	861
Grand Total	329	413	353	520	1,615

Airplane Shipments^{1, 2, 6} by Type - Manufactured in Europe³

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	112	106	106	96	420
Multi-Engine Piston	9	13	9	11	42
Total Piston	121	119	115	107	462
Single-Engine Turboprops	13	23	25	49	110
Multi-Engine Turboprops	n/a	n/a	n/a	n/a	2
Total Turboprop Airplanes	13	23	25	49	112
Business Jets	10	22	12	39	83
Total Turbine	23	45	37	88	195
Grand Total	144	164	152	195	657

Airplane Shipments^{1, 2, 6} by Geographic Region of Origin

	QI	QII	QIII	QIV	Year-To-Date
North America	365	454	387	560	1,766
South America	8	19	18	42	87
Europe	91	106	106	154	459
Rest of World	10	11	12	8	41
Grand Total	474	590	523	764	2,353

Airplane Shipments^{1, 2, 6} by Delivery Region

	North America	Europe	Asia Pacific	Latin America	Middle East & Africa
Piston Engine	52.8%	17.2%	15.1%	10.0%	5.0%
Turboprops	57.1%	10.5%	14.0%	13.2%	5.3%
Business Jets	52.4%	15.6%	11.9%	11.1%	9.0%
Total Shipments in Region	53.9%	14.8%	13.8%	11.2%	6.3%

Airplane Shipments^{1, 2, 6} by Type: Manufactured Worldwide

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Corporate Jets⁷					
ACJ318	1	0	0	0	1
ACJ319	1	0	0	3	4
ACJ320	0	0	0	0	0
ACJ321	0	1	0	0	1
ACJ330	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	2	1	0	3	6
Total Billings⁷	\$151,000,000	\$110,000,000	\$0	\$249,000,000	\$510,000,000
Air Tractor					
AT-401B	0	0	0	0	0
AT-402A	0	0	0	0	0
AT-402B	11	8	7	7	33
AT-502A	1	1	0	0	2
AT-502B	21	19	17	13	70
AT-504	0	0	1	1	2
AT-602	4	6	2	6	18
AT-802	4	2	0	3	9
AT-802A	<u>14</u>	<u>5</u>	<u>9</u>	<u>12</u>	<u>40</u>
Total Units	55	41	36	42	174
Total Billings	\$24,108,208	\$18,575,795	\$15,017,432	\$19,047,937	\$76,749,372
American Champion Aircraft					
7EC Champ	0	0	0	3	3
7ECA Aurora	0	0	0	0	0
7GCAA Adventurer	0	0	0	0	0
7GCBC Citabria Explorer	1	0	0	0	1
8GCBC Scout	1	4	1	0	6
8KCAB Super Decathlon	1	5	1	3	10
8KCAB Xtreme Decathlon	<u>1</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>6</u>
Total Units	4	9	7	6	26
Total Billings	\$703,600	\$1,563,100	\$1,396,300	\$890,400	\$4,553,400
Beechcraft Corporation¹⁰					
Bonanza G36	9	9	8	9	35
Baron G58	7	12	4	12	35
King Air C90GTx	5	5	6	11	27
King Air 250	13	7	5	11	36
King Air 350i/ER	16	12	15	29	72
Hawker 4000	<u>6</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6</u>
Total Units	56	45	38	72	211
Total Billings	\$368,336,100	\$172,410,800	\$174,394,800	\$343,792,700	\$1,058,934,400
Boeing Business Jets⁷					
BBJ	1	1	2	1	5
BBJ 2	0	1	0	0	1
BBJ 3	0	0	0	0	0
B787-8	0	0	0	1	1
B747-8	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	1	2	2	2	7
Total Billings⁷	\$55,000,000	\$120,500,000	\$110,000,000	\$55,000,000	\$340,500,000
Bombardier					
Learjet 40XR / 45XR	1	0	0	0	1
Learjet 60XR	2	4	2	2	10
Learjet 70 / 75	0	0	0	18	18
Challenger 300	14	16	12	13	55
Challenger 605	5	11	8	8	32
Global 5000 / 6000	17	14	14	17	62
CL850 / 870 / 890	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>2</u>
Total Units	39	45	36	60	180
Total Billings	\$1,516,800,000	\$1,586,800,000	\$1,376,500,000	\$1,853,000,000	\$6,333,100,000

Airplane Shipments^{1, 2, 6} by Type: Manufactured Worldwide

Make and Model	QI	QII	QIII	QIV	YTD
Cessna Aircraft Company^{5, 6}					
172R Skyhawk	0	0	0	0	0
172S Skyhawk SP	16	31	19	40	106
182T Skylane	4	7	2	0	13
T182T Turbo Skylane	11	15	0	0	26
206H Stationair	3	0	0	0	3
T206H Turbo Stationair	3	12	10	12	37
400 Corvalis TTx	0	1	6	14	21
208 Caravan 675	2	1	4	4	11
208B Grand Caravan	16	26	24	28	94
510 Citation Mustang	2	5	6	7	20
525 Citation M2	0	0	0	12	12
525A Citation CJ2+	5	1	3	6	15
525B Citation CJ3	2	3	4	6	15
525C Citation CJ4	11	4	8	10	33
560 Citation XLS+	7	7	4	13	31
680 Citation Sovereign+	5	0	0	8	13
750 Citation X	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	87	113	90	160	450
Total Billings	\$402,766,920	\$270,084,520	\$286,115,280	\$686,956,260	\$1,645,922,980
Cirrus Aircraft					
Cirrus SR20	11	14	3	4	32
Cirrus SR22	14	27	39	32	112
Cirrus SR22T	<u>26</u>	<u>38</u>	<u>23</u>	<u>45</u>	<u>132</u>
Total Units	51	79	65	81	276
Total Billings	\$31,161,244	\$50,576,878	\$43,741,137	\$54,921,020	\$180,400,278
CubCrafters⁶					
CC11-100 Sport Cub S2	0	1	0	1	2
CC11-160 Carbon Cub SS	14	14	10	14	52
CC18-180 Top Cub	<u>4</u>	<u>3</u>	<u>2</u>	<u>0</u>	<u>9</u>
Total Units	18	18	12	15	63
Total Billings	\$3,609,386	\$2,965,173	\$2,345,249	\$2,853,821	\$11,773,629
Dassault Falcon Jet⁵					
Falcon 900LX	2	3	1	5	11
Falcon 2000LX	2	2	2	2	8
Falcon 2000LXS	0	0	0	3	3
Falcon 2000S	0	1	2	9	12
Falcon 7X	<u>4</u>	<u>15</u>	<u>7</u>	<u>17</u>	<u>43</u>
Total Units	8	21	12	36	77
Total Billings	\$358,600,000	\$1,009,200,000	\$538,900,000	\$1,560,500,000	\$3,467,200,000
Diamond Aircraft⁶					
HK-36	0	0	0	1	1
DV20	0	0	0	0	0
DA20-C1	3	3	4	4	14
DA40 (All)	27	19	33	23	102
DA42 (All)	<u>4</u>	<u>8</u>	<u>4</u>	<u>6</u>	<u>22</u>
Total Units	34	30	41	34	139
Total Billings	\$12,752,000	\$12,371,600	\$15,090,600	\$12,741,600	\$52,955,800
Embraer⁵					
Phenom 100	5	11	6	8	30
Phenom 300	3	12	15	30	60
Legacy 600/650	4	3	4	10	21
Lineage 1000 / E190 Head of State	0	1	0	3	4
Shuttles (ERJs and E-Jets)	<u>0</u>	<u>2</u>	<u>0</u>	<u>2</u>	<u>4</u>
Total Units	12	29	25	53	119
Total Billings	\$161,865,000	\$368,340,000	\$271,005,000	\$821,290,000	\$1,622,500,000

Airplane Shipments^{1, 2, 6} by Type: Manufactured Worldwide

Make and Model	QI	QII	QIII	QIV	YTD
Extra Aircraft					
EA300	7	8	7	7	29
EA500	1	0	0	0	1
Total Units	8	8	7	7	30
Total Billings	\$4,420,000	\$3,120,000	\$2,730,000	\$2,730,000	\$13,000,000
Flight Design GmbH⁶					
ASTM CT Series	25	26	22	16	89
Total Units	25	26	22	16	89
Total Billings	\$3,217,522	\$3,423,486	\$2,896,794	\$2,095,466	\$11,633,268
GippsAero Pty Ltd.⁵					
GA8 Airvan	5	3	3	1	12
Total Units	5	3	3	1	12
Total Billings	\$3,634,800	\$2,180,880	\$2,180,880	\$726,960	\$8,723,520
Gulfstream Aerospace Corp.⁵					
Gulfstream 150 / 280	4	6	6	7	23
Gulfstream 450 / 550 / 650	25	30	32	34	121
Total Units	29	36	38	41	144
Total Billings	\$1,507,900,000	\$1,830,900,000	\$1,958,100,000	\$2,056,700,000	\$7,353,600,000
Liberty Aerospace					
XL2	0	0	0	0	0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Maule Air, Inc.					
MX-7-180B	0	0	1	0	1
M-7-260C	1	1	1	1	4
M-9-235	0	0	1	0	1
Total Units	1	1	3	1	6
Total Billings	\$190,978	\$190,978	\$542,631	\$195,290	\$1,119,877
Mooney Aircraft					
M20R Ovation	0	0	0	0	0
M20TN Acclaim	0	0	0	0	0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Pacific Aerospace Ltd.					
PAC 750XL	1	2	3	0	6
Total Units	1	2	3	0	6
Total Billings	\$1,940,000	\$3,463,000	\$5,490,000	\$0	\$10,893,000
Piaggio Aero¹¹					
P.180 Avanti II	n/a	n/a	n/a	n/a	2
Total Units	0	0	0	0	2
Total Billings	\$0	\$0	\$0	\$0	\$14,390,000
Pilatus					
PC-6	0	0	0	4	4
PC-12	7	11	14	33	65
Total Units	7	11	14	37	69
Total Billings	\$31,255,000	\$49,115,000	\$62,510,000	\$154,090,000	\$296,970,000
Piper Aircraft, Inc					
PA-28-161 Warrior III	0	0	2	0	2
PA-28-181 Archer III	0	23	9	16	48
PA-28R-201 Arrow	0	0	0	1	1
PA-34-220T Seneca V	1	6	2	13	22
PA-44-180 Seminole	4	6	8	5	23
PA-46-350P Malibu Mirage	12	12	9	9	42
PA-46R-350T Matrix	4	4	3	5	16
PA-46-500TP Meridian	6	8	8	12	34
Total Units	27	59	41	61	188
Total Billings	\$29,723,271	\$47,095,306	\$37,172,898	\$54,785,284	\$168,776,759

Airplane Shipments^{1, 2, 6} by Type: Manufactured Worldwide

Make and Model	QI	QII	QIII	QIV	YTD
Quest Aircraft Company					
Kodiak 100	2	7	8	11	28
Total Units	2	7	8	11	28
Total Billings	\$3,550,000	\$12,425,000	\$14,200,000	\$19,525,000	\$49,700,000
SOCATA					
TBM 850	5	12	11	12	40
Total Units	5	12	11	12	40
Total Billings	\$17,340,000	\$41,600,000	\$38,190,000	\$41,780,000	\$138,910,000
TECNAM Aircraft¹²					
ASTM - LSA	28	32	24	24	108
P2002JF	8	9	8	8	33
P92JS	7	3	0	5	15
P2002JR	2	0	0	0	2
P2008JC	3	3	6	7	19
P2006T	5	5	5	5	20
Total Units	53	52	43	49	197
Total Billings	\$7,336,609	\$6,921,101	\$6,708,705	\$7,839,537	\$28,805,952
Thrush Aircraft, Inc.					
S2R-T34	5	4	4	7	20
S2RHG-T65	1	0	0	0	1
S2R-T660	0	0	0	1	1
S2R-G10	0	1	0	1	2
S2R-H80	1	3	14	9	27
Total Units	7	8	18	18	51
Total Billings	\$6,214,000	\$6,583,000	\$16,710,000	\$15,713,000	\$45,220,000
WACO Aircraft Company					
2T-1A-2	0	1	0	0	1
YMF-5D	2	1	2	1	6
Total Units	2	2	2	1	7
Total Billings	\$1,124,000	\$810,000	\$1,075,000	\$585,000	\$3,594,000
XtremeAir GmbH¹³					
XA41	0	1	0	1	2
XA42	2	2	2	0	6
Total Units	2	3	2	1	8
Total Billings	n/a	n/a	n/a	n/a	n/a

Rotorcraft Shipments^{1, 2} by Type: Manufactured Worldwide

Make and Model	QI	QII	QIII	QIV	YTD
AgustaWestland⁸					
AW119Ke	2	5	10	5	22
AW109 Power	1	4	0	4	9
GRANDNEW	9	10	3	13	35
AW139	32	37	30	19	118
AW159	4	4	1	6	15
AW101	0	2	0	3	5
SW4	0	0	0	0	0
W3	3	2	3	2	10
Total Units	51	64	47	52	214
Total Billings	\$477,000,000	\$614,900,000	\$434,700,000	\$446,400,000	\$1,973,000,000

Rotorcraft Shipments^{1,2} by Type: Manufactured Worldwide

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Helicopters^{5,9}					
EC120	2	4	3	3	12
AS350 B2 / AS550 C2	8	8	8	8	32
AS350 B3 / AS550 C3	43	49	45	50	187
EC130	8	9	9	9	35
AS355 NP / AS555	1	1	1	2	5
EC135 / EC635	12	12	12	12	48
EC145 / EC645 / UH-72 / A	16	18	17	18	69
AS365 N3 / AS565 MB	2	2	2	2	8
EC155	2	2	3	3	10
AS332 / AS532	0	1	2	1	4
EC225 / EC725	6	5	8	11	30
Tiger	1	4	1	5	11
Total Units	101	115	111	124	451
Total Billings	\$502,900,000	\$534,800,000	\$605,000,000	\$674,000,000	\$2,316,700,000
Bell Helicopter⁵					
206L-4	2	4	3	2	11
407	26	25	25	34	110
429	4	9	17	26	56
412	8	6	9	13	36
Total Units	40	44	54	75	213
Total Billings	\$178,060,000	\$184,985,000	\$250,105,000	\$356,590,000	\$969,740,000
Enstrom Helicopter Corp.					
F-28F	0	0	0	0	0
280FX	1	1	1	1	4
480B	1	5	9	8	23
Total Units	2	6	10	9	27
Total Billings	\$1,579,769	\$6,094,846	\$10,609,923	\$9,481,154	\$27,765,692
Robinson Helicopter Company⁵					
R22 Beta II	11	13	9	9	42
R44 Raven I	26	25	20	10	81
R44 Raven II	51	48	50	59	208
R66	65	67	44	16	192
Total Units	153	153	123	94	523
Total Billings	\$89,943,000	\$90,471,000	\$69,117,000	\$45,978,000	\$295,509,000
Sikorsky Aircraft Corporation^{5,15}					
S-76	n/a	n/a	n/a	n/a	26
S-92	n/a	n/a	n/a	n/a	37
Total Units	10	15	19	19	63
Total Billings	n/a	n/a	n/a	n/a	\$1,263,000,000

Grand Total Civil Aircraft Shipments⁶	898	1,060	943	1,193	4,096
Grand Total Aircraft Billings	\$5,954,031,407	\$7,162,466,462	\$6,352,544,629	\$9,549,208,429	\$30,295,640,927

Military Aircraft Shipments⁴

Make and Model	QI	QII	QIII	QIV	Year-To-Date
Air Tractor					
AT-802U	0	0	0	0	0
Total Units	0	0	0	0	0
Beechcraft Corporation					
T-6A/B/C	9	11	10	4	34
Total Units	9	11	10	4	34
Bell Helicopter					
H-1	6	6	7	6	25
V22	9	9	10	13	41
Total Units	15	15	17	19	66

Military Aircraft Shipments⁴

Make and Model	QI	QII	QIII	QIV	Year-To-Date
NHIndustries¹⁴					
NH90	<u>3</u>	<u>10</u>	<u>12</u>	<u>18</u>	<u>43</u>
Total Units	3	10	12	18	43
Sikorsky Aircraft Corporation¹⁵					
BLACK HAWK	n/a	n/a	n/a	n/a	125
SEAHAWK	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<u>43</u>
Total Units	n/a	n/a	n/a	n/a	168

Notes:

1. A shipment occurs when an aircraft is shipped from its production facility to a customer located anywhere in the world.
2. Shipments may include deliveries to a fractional operator owned by the company or to an aircraft dealer.
3. An aircraft is considered manufactured in the United States when produced under an FAA production approval and in Europe when under an EASA production approval.
4. Military aircraft shipments are not included in shipment table totals.
5. Company billings are not reported. Where available, GAMA estimates total billings using public information including B&CA Purchase Planning Handbook 2013.
6. CubCrafters CC11, Diamond Aircraft HK36 Motor Glider and Flight Design GmbH ASTM CT Series models are included in civil make-model shipment total, but not summary tables. This change is intended to properly capture all deliveries by the companies listed while maintaining a consistent baseline of shipments from previous years' reports. GAMA will further integrate CS-VLA and S-LSA aircraft into future shipment reports.
7. Airbus and Boeing twin aisle shipments will be identified in the report as opposed to in the footnotes going forward. GAMA, however, is not including the value of twin aisle airplane shipments in the calculation of billings.
8. AgustaWestland is an addition to the GAMA shipment report in the third quarter 2014. The 2013 report has been amended to include AgustaWestland.
9. Airbus Helicopter data was previously reported as Eurocopter.
10. The listing in this report of Beechcraft Corporation for the period ending March 31, 2013 includes Hawker Beechcraft Corporation deliveries through February 15.
11. Piaggio Aero does not provide quarterly data, but reports airplane deliveries to GAMA on an annual basis.
12. TECNAM Aircraft is an addition to the GAMA shipment report in the second quarter 2014. The 2013 report has been amended to include TECNAM Aircraft.
13. XtremeAir is an addition to the GAMA shipment report in third quarter 2014. The 2013 report has been amended to include XtremeAir.
14. NHIndustries is wholly owned by Airbus Helicopters, AgustaWestland and Fokker Aerostructures and provides the focal point for these companies for the NH90 programme. The deliveries of the NH90 are identified under the NHIndustries entry only.
15. Sikorsky Aircraft Corporation is an addition to the GAMA shipment report in the fourth quarter of 2014. The 2013 report has been amended to include Sikorsky.
16. Leonardo Helicopters changed to reporting combined civil/commercial and military/government unit deliveries starting third quarter 2016. The 2013 report has been updated to reflect this change for AgustaWestland. The original 2013 report showed 6 AW119Ke, 4 AW109 Power, 8 GRANDNEW, 37 AW139, and 10 W3 military/government deliveries.
17. Airbus Helicopters changed to reporting combined civil/commercial and military/government unit deliveries starting second quarter 2016. The 2013 report has been updated to reflect this change. The original 2013 report showed 1 EC120, 13 AS350 B3 / AS550 C3, 45 EC145 / EC645 / UH-72 / A, 4 AS332 / AS532, 13 EC225 / EC725 military/government deliveries.