



General Aviation Aircraft Shipment Report

General Aviation Manufacturers Association

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2023 Year-End Report

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

	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston and Electric	251	374	389	494	1,508
Multi-Engine Piston	39	45	38	52	174
Total Piston Airplanes	290	419	427	546	1,682
Single-Engine Turboprops	102	157	124	180	563
Multi-Engine Turboprops	15	16	25	19	75
Total Turboprop Airplanes	117	173	149	199	638
Business Jets	117	179	159	275	730
Total Turbine Airplanes	234	352	308	474	1,368
Grand Total Airplane Shipments	524	771	735	1,020	3,050
Grand Total Airplane Billings	\$3,693,245,713	\$5,004,066,428	\$5,225,917,335	\$8,274,564,336	\$23,377,793,812
Piston Helicopters	56	56	46	51	209
Turbine Helicopters	153	186	130	284	753
Grand Total Helicopter Shipments	209	242	176	335	962
Grand Total Helicopter Billings	\$822,992,174	\$1,043,694,837	\$825,727,435	\$1,708,869,616	\$4,401,284,062

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	161	278	291	383	1,113
Multi-Engine Piston	4	5	7	7	23
Total Piston Airplanes	165	283	298	390	1,136
Single-Engine Turboprops	86	112	81	122	401
Multi-Engine Turboprops	15	16	24	19	74
Total Turboprop Airplanes	101	128	105	141	475
Business Jets	81	127	109	176	493
Total Turbine Airplanes	182	255	214	317	968
Grand Total	347	538	512	707	2,104

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston and Electric	107	108	101	116	432
Multi-Engine Piston	35	40	31	45	151
Total Piston Airplanes	142	148	132	161	583
Single-Engine Turboprops	16	44	41	57	158
Multi-Engine Turboprops	0	0	1	0	1
Total Turboprop Airplanes	16	44	42	57	159
Business Jets	10	17	14	36	77
Total Turbine Airplanes	26	61	56	93	236
Grand Total	168	209	188	254	819

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

	North America	Europe	Asia Pacific	Latin America	Middle East & Africa
Piston Engine	77.1%	9.5%	7.2%	4.1%	2.1%
Turboprops	53.6%	16.9%	6.6%	16.0%	6.9%
Business Jets	74.9%	12.1%	5.5%	4.8%	2.7%
Total Shipments in Region	71.1%	11.9%	6.6%	7.0%	3.4%

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Corporate Jets ⁷					
ACJ220-100	0	0	0	1	1
ACJ319neo	0	0	0	1	1
ACJ320neo	0	0	0	1	1
ACJ321neo	0	0	0	0	0
ACJ330-200	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>
Total Units	0	0	0	4	4
Total Billings	\$0	\$0	\$0	\$263,000,000	\$263,000,000
Air Tractor ⁴					
AT-402A	0	0	0	0	0
AT-402B	7	3	3	9	22
AT-502A/XP	9	13	9	2	33
AT-502B	6	13	8	9	36
AT-504	0	1	0	1	2
AT-602	5	6	5	8	24
AT-802	3	2	0	1	6
AT-802A	13	9	12	13	47
AT-802AF	2	7	1	2	12
AT-802F	<u>1</u>	<u>5</u>	<u>4</u>	<u>4</u>	<u>14</u>
Total Units	46	59	42	49	196
Total Billings	\$59,034,926	\$82,821,321	\$59,297,367	\$67,877,691	\$269,031,305
American Champion Aircraft ¹³					
7ECA Citabria Aurora	0	0	0	0	0
7GCAA Citabria Adventure	0	0	0	0	0
7GCBC Citabria Explorer	0	0	0	0	0
8GCBC Scout	0	0	0	0	0
8KCAB Super Decathlon	0	0	0	0	0
8KCAB Xtreme Decathlon	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
AVIC General ^{6, 12}					
SR20	2	1	6	0	9
B610C	1	0	0	0	1
AG50	1	2	0	2	5
Y5B	0	1	0	3	4
LE500	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	4	4	6	5	19
Total Billings	\$1,630,117	\$1,887,324	\$4,150,000	\$2,788,732	\$10,456,173
Boeing Business Jets ⁷					
BBJ MAX 7	0	0	0	0	0
BBJ 737-8	0	0	1	0	1
BBJ MAX 9	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	0	0	1	0	1
Total Billings	\$0	\$0	\$80,000,000	\$0	\$80,000,000
Bombardier					
Challenger 3500 / 650	8	15	16	24	63
Global 5500 / 6000 / 6500 / 7500	<u>14</u>	<u>14</u>	<u>15</u>	<u>32</u>	<u>75</u>
Total Units	22	29	31	56	138
Total Billings	\$1,124,000,000	\$1,356,000,000	\$1,478,000,000	\$2,861,000,000	\$6,819,000,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Cirrus Aircraft					
SR20	13	28	30	44	115
SR22	5	39	49	49	142
SR22T	54	84	87	130	355
SF50	<u>18</u>	<u>26</u>	<u>17</u>	<u>35</u>	<u>96</u>
Total Units	90	177	183	258	708
Total Billings	\$127,924,694	\$235,742,865	\$222,722,511	\$343,737,988	\$930,128,058
CubCrafters^{6,11}					
Carbon Cub LSA & E/A-B	7	10	6	6	29
XCub/NXCub E/A-B	5	13	6	4	28
CC19 XCub/NXCub	<u>6</u>	<u>2</u>	<u>1</u>	<u>3</u>	<u>12</u>
Total Units	18	25	13	13	69
Total Billings	\$7,658,600	\$10,862,500	\$5,506,400	\$5,419,400	\$29,446,900
DAHER¹²					
Kodiak 100	2	5	3	6	16
Kodiak 900	0	0	1	1	2
TBM 910	1	0	0	0	1
TBM 960	<u>4</u>	<u>16</u>	<u>14</u>	<u>21</u>	<u>55</u>
Total Units	7	21	18	28	74
Total Billings	\$31,510,000	\$81,714,000	\$82,320,000	\$126,170,000	\$321,714,000
Dassault Aviation^{5,8,12}					
2000LXS / 900LX / 6X / 7X / 8X	/	9	/	17	26
Total Units		9		17	26
Total Billings					\$1,180,000,000
Diamond Aircraft^{5,6}					
DA20 (All)	4	2	4	5	15
DA40 (All)	28	33	30	28	119
DA42 (All)	11	18	12	13	54
DA50	5	3	4	7	19
DA62	<u>15</u>	<u>15</u>	<u>11</u>	<u>25</u>	<u>66</u>
Total Units	63	71	61	78	273
Total Billings	\$48,528,700	\$54,727,700	\$44,616,400	\$64,728,400	\$212,601,200
Eclipse Aerospace, Inc.¹²					
Eclipse 550	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>
Total Units	2	0	0	0	2
Total Billings	n/a	n/a	n/a	n/a	n/a
Elixir Aircraft					
Elixir 912iS	<u>0</u>	<u>0</u>	<u>0</u>	<u>5</u>	<u>5</u>
Total Units	0	0	0	5	5
Total Billings	\$0	\$0	\$0	\$1,353,000	\$1,353,000
Embraer⁵					
Phenom 100EV	2	1	2	6	11
Phenom 300	1	3	2	3	9
Phenom 300E	3	15	15	21	54
Praetor 500	0	6	4	10	20
Praetor 600	<u>2</u>	<u>5</u>	<u>5</u>	<u>9</u>	<u>21</u>
Total Units	8	30	28	49	115
Total Billings	\$97,960,000	\$426,850,000	\$382,860,000	\$681,755,000	\$1,589,425,000
Epic Aircraft, LLC					
E1000 GX	<u>2</u>	<u>4</u>	<u>4</u>	<u>7</u>	<u>17</u>
Total Units	2	4	4	7	17
Total Billings	\$8,380,000	\$16,760,000	\$16,760,000	\$29,330,000	\$71,230,000
Extra Aircraft					
Extra 300	1	2	2	2	7
Extra NG	<u>5</u>	<u>4</u>	<u>5</u>	<u>2</u>	<u>16</u>
Total Units	6	6	7	4	23
Total Billings	\$3,618,000	\$3,606,400	\$4,000,000	\$2,060,000	\$13,284,400
Flight Design GmbH⁶					
F2	0	1	2	3	6
CT ASTM	<u>0</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>7</u>
Total Units	0	4	4	5	13
Total Billings	\$0	\$675,000	\$710,000	\$880,000	\$2,265,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Game Composites					
GB1 GameBird	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>24</u>
Total Units	6	6	6	6	24
Total Billings	\$3,180,000	\$3,180,000	\$3,180,000	\$3,565,000	\$13,105,000
Gulfstream Aerospace Corp.⁵					
Gulfstream 280	4	6	5	7	22
Gulfstream 500 / 600 / 650 / 650ER	<u>17</u>	<u>18</u>	<u>22</u>	<u>32</u>	<u>89</u>
Total Units	21	24	27	39	111
Total Billings	\$1,158,500,000	\$1,350,000,000	\$1,481,500,000	\$2,141,500,000	\$6,131,500,000
Honda Aircraft Company					
HA-420 HondaJet	<u>1</u>	<u>9</u>	<u>2</u>	<u>10</u>	<u>22</u>
Total Units	1	9	2	10	22
Total Billings	\$6,950,000	\$62,550,000	\$13,900,000	\$69,500,000	\$152,900,000
ICON Aircraft⁶					
A5	<u>7</u>	<u>9</u>	<u>6</u>	<u>11</u>	<u>33</u>
Total Units	7	9	6	11	33
Total Billings	\$2,625,000	\$3,375,000	\$2,310,000	\$4,290,000	\$12,600,000
NZSkydive Ltd.¹²					
E-350 Expedition	0	0	0	0	0
Cresco	0	0	0	0	0
PAC 750XL	0	1	1	0	2
PAC 750XL-II SuperPAC	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	0	1	1	0	2
Total Billings	\$0	\$2,050,000	\$2,050,000	\$0	\$4,100,000
Piaggio Aerospace					
P.180 Avanti Evo	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>
Total Units	0	0	1	0	1
Total Billings	\$0	\$0	\$7,695,000	\$0	\$7,695,000
Pilatus					
PC-12	11	28	27	36	102
PC-24	<u>10</u>	<u>8</u>	<u>14</u>	<u>15</u>	<u>47</u>
Total Units	21	36	41	51	149
Total Billings	\$181,619,000	\$258,172,000	\$322,463,000	\$387,069,000	\$1,149,323,000
Piper Aircraft, Inc.					
PA-28-181 Archer / Pilot 100i	29	38	40	38	145
PA-44-180 Seminole	3	3	5	7	18
PA-46-350P M350	1	4	7	10	22
PA-46-500TP M500	1	3	3	1	8
PA-46-600TP M600/SLS	<u>7</u>	<u>11</u>	<u>9</u>	<u>25</u>	<u>52</u>
Total Units	41	59	64	81	245
Total Billings	\$45,727,286	\$75,695,067	\$77,242,908	\$139,005,870	\$337,671,131
Pipistrel Aircraft⁶					
Alpha Trainer ASTM	3	15	17	18	53
VSW ASTM	4	8	3	3	18
Virus SW 121 Explorer	5	4	3	13	25
Virus SW 128 Velis Electro	<u>1</u>	<u>4</u>	<u>4</u>	<u>7</u>	<u>16</u>
Total Units	13	31	27	41	112
Total Billings	n/a	n/a	n/a	n/a	n/a
TECNAM Aircraft^{5,6}					
ASTM - LSA	23	15	12	8	58
P2002JF	1	0	0	0	1
P92JS	0	0	0	0	0
P2008JC	11	7	12	6	36
P-Mentor	13	20	13	14	60
P2006T	7	6	6	4	23
P2010P Twenty Ten	15	14	13	16	58
P2012 Traveller	<u>2</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>8</u>
Total Units	72	63	58	51	244
Total Billings	\$27,750,000	\$34,653,000	\$20,900,000	\$23,093,000	\$106,396,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Textron Aviation ^{4, 5, 12}					
CE-172S Skyhawk SP	26	54	40	60	180
CE-182T Skylane	11	9	7	12	39
CE-T182 Turbo Skylane	0	2	9	16	27
CE-T206H Turbo Stationair	8	8	12	13	41
Bonanza G36	0	2	1	2	5
Baron G58	1	2	2	0	5
CE-208 Caravan 675	2	2	2	4	10
CE-208B Grand Caravan EX	17	19	12	21	69
King Air 260	7	6	9	9	31
King Air 360 / ER	5	4	10	6	25
CE-408 SkyCourier	3	6	5	4	18
CE-525 Citation M2 Gen2	5	6	5	9	25
CE-525B Citation CJ3+	7	8	7	8	30
CE-525C Citation CJ4 Gen2	6	9	8	8	31
CE-560 Citation XLS+ Gen2	5	3	3	6	17
CE-680A Citation Latitude	7	11	10	13	41
CE-700 Citation Longitude	5	7	6	6	24
Total Units	115	158	148	197	618
Total Billings (Combined)	\$742,556,500	\$926,740,000	\$903,401,000	\$1,042,901,000	\$3,615,598,500
Thrush Aircraft, LLC.					
S2R-T34	0	0	0	0	0
S2RHG-T65	0	0	0	0	0
S2R-510	7	5	4	8	24
S2R-T660	2	4	2	1	9
S2R-G10	0	0	0	0	0
S2R-H80	0	0	0	0	0
Total Units	9	9	6	9	33
Total Billings	\$13,144,390	\$14,716,251	\$9,634,749	\$13,540,255	\$51,035,645
WACO Aircraft Company ¹²					
Junkers A50 Junior S-LSA	1	0	0	0	1
Great Lakes 2T-1A-2	0	0	2	0	2
Amphibious YMF-5	1	1	0	0	2
YMF-5 Super	0	1	0	0	1
Total Units	2	2	2	0	6
Total Billings	\$948,500	\$1,288,000	\$698,000	\$0	\$2,934,500

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Helicopters ^{5, 9, 10}					
H125 / H125M	30	29	22	52	133
H130	4	12	6	24	46
H135 / H135M	12	10	6	22	50
H145 / H145M	15	14	11	28	68
AS365 N3+ / AS565 Mbe	0	0	0	0	0
H155	0	0	0	0	0
H160	3	1	2	3	9
H175	1	0	1	3	5
H215 / H215M	0	1	0	0	1
H225 / H225M	3	3	2	7	15
TIGER	0	0	0	0	0
Total Units	68	70	50	139	327
Total Billings	\$448,900,000	\$425,700,000	\$320,300,000	\$898,400,000	\$2,093,300,000
Bell ⁵					
505	13	19	5	40	77
407GX	4	10	11	28	53
429	4	3	5	17	29
429WLG	0	0	0	1	1
412EPI	1	0	1	0	2
412EPX	0	3	1	5	9
Huey II	0	0	0	0	0
Total Units	22	35	23	91	171
Total Billings	\$80,700,000	\$154,900,000	\$123,600,000	\$440,000,000	\$799,200,000
Enstrom Helicopter Corp. ^{4, 5}					
F28F, 280FX	0	0	0	0	0
480B-G	0	0	0	0	0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Hélicoptères Guimbal					
Cabri G2	6	7	6	11	30
Total Units	6	7	6	11	30
Total Billings	\$2,308,174	\$2,946,837	\$2,419,435	\$4,969,116	\$12,643,562
KAMAN ⁵					
K-1200 K-MAX	0	0	0	0	0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Leonardo Helicopters ^{5, 9, 10, 14}					
AW119Kx	15	18	14		47
AW109	1	3	3		7
AW139	8	14	9		31
AW169	3	13	6		22
AW189 / AW149	1	2	2		5
AW159	0	0	0		0
AW101	0	1	0		1
CH47F	0	0	0		0
SW4	0	0	0		0
W3	0	0	0		0
Total Units	28	51	34	0	113
Total Billings	\$195,940,000	\$401,340,000	\$264,180,000	\$0	\$861,460,000
MD Helicopters, LLC					
MD 500E	0	0	0	1	1
MD 530F	3	0	1	4	8
Total Units	3	0	1	5	9
Total Billings	\$9,000,000	\$0	\$3,000,000	\$14,800,000	\$26,800,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Robinson Helicopter Company⁵					
R22 Beta II	4	6	2	3	15
R44 Cadet	4	2	2	1	9
R44 Raven I	22	17	8	6	53
R44 Raven II	20	24	28	29	101
R66	31	31	18	38	118
Total Units	81	80	58	77	296
Total Billings	\$59,144,000	\$58,808,000	\$41,228,000	\$62,168,000	\$221,348,000
Schweizer RSG					
S300C	0	0	0	1	1
Total Units	0	0	0	1	1
Total Billings	\$0	\$0	\$0	\$532,500	\$532,500
Sikorsky Aircraft Corporation^{4,5}					
S-70i	0	0	1	9	10
S-76	0	0	3	0	3
S-92	1	0	0	2	3
Total Units	1	0	4	11	16
Total Billings	\$27,000,000	\$0	\$71,000,000	\$288,000,000	\$386,000,000

Grand Total Civil Aircraft Shipments⁶	785	1,089	963	1,409	4,246
Grand Total Aircraft Billings	\$4,516,237,887	\$6,047,761,265	\$6,051,644,770	\$9,982,901,452	\$27,778,545,375

Other Military and Government Aircraft Shipments⁴

Make and Model	QI	QII	QIII	QIV	YTD
Air Tractor					
AT-802U	2	2	0	1	5
Total Units	2	2	0	1	5
Bell					
H-1	3	4	4	2	13
V-22	3	3	2	0	8
Total Units	6	7	6	2	21
NHIndustries¹⁰					
NH90	3	4	2	10	19
Total Units	3	4	2	10	19
Sikorsky Aircraft Corporation					
Blackhawk	10	11	3	22	46
Seahawk	0	0	0	0	0
CH-53K	0	0	0	4	4
CH-148	0	0	0	1	1
VH-92	0	0	0	2	2
Total Units	10	11	3	29	53
Textron Aviation					
Beechcraft T-6 A / B / C	5	4	4	0	13
Beechcraft AT-6	0	0	0	0	0
Total Units	5	4	4	0	13

Footnotes:

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 an aircraft delivery to a fractional operator owned by the company or to an aircraft dealer.
3. Aircraft are considered manufactured in the U.S. when produced under an FAA production approval and in Europe when produced under an EASA production approval.
4. Other military and government aircraft shipments are not included in main shipment table totals, but listed separately.
5. Company billings are not reported. GAMA estimates total billings using public information including BCA Purchase Planning Handbook 2023.
6. AVIC General AG50 S-LSA, CubCrafters CCX and CC11 models, Flight Design GmbH ASTM CT Series, Icon A5, Pipistrel Alpha Trainer ASTM and VSW ASTM, TECNAM ASTM - LSA, and Waco A50 Junior are included in civil make-model shipment total, but not summary tables. GAMA will further integrate CS-VLA and S-LSA aircraft into future shipment reports.
7. Airbus and Boeing twin aisle / wide body shipments are identified in the report, but their values are not included in the calculation of billings.
8. Dassault reports combined civil airplane deliveries twice a year in accordance with company financial reporting procedures.
9. Airbus Helicopters and Leonardo Helicopters report combined civil/commercial and military/government unit deliveries. Billings are estimated for civil/commercial models only.
10. NHIndustries is wholly owned by Airbus Helicopters, Leonardo Helicopters, and Fokker and provides the focal point for these companies for the NH90 programme. The deliveries of the NH90 are identified under the NHIndustries entry only.
11. CubCrafters manufacturers general aviation airplanes in Part 23, ASTM S-LSA, builder assist, and experimental kit categories.
12. The AVIC General AG50 S-LSA, Waco Junkers A50 Junior S-LSA, Dassault Falcon 6X, and PAC 750XL-II SuperPAC were added to the report in 2023. Additionally, the Eclipse Aerospace, Inc. Eclipse 550 and Textron Aviation CE-T182 Turbo Skylane were re-introduced to the shipment report.
13. Shipments for American Champion Aircraft were not available at time of publication of the report.
14. Leonardo will release year-end financial results after the initial publication of the report. GAMA will update the industry report with Leonardo fourth quarter data when available.