



General Aviation Aircraft Shipment Report

General Aviation Manufacturers Association

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

Rue de la Loi 67 | Brussels 1040 | Belgium

2022 Third Quarter

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

	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston and Electric	238	329	344	0	911
Multi-Engine Piston	29	42	30	0	101
Total Piston Airplanes	267	371	374	0	1,012
Single-Engine Turboprops	95	120	116	0	331
Multi-Engine Turboprops	15	17	20	0	52
Total Turboprop Airplanes	110	137	136	0	383
Business Jets	118	171	157	0	446
Total Turbine Airplanes	228	308	293	0	829
Grand Total Airplane Shipments	495	679	667	0	1,841
Grand Total Airplane Billings	\$3,823,888,493	\$5,275,684,316	\$5,012,247,165	\$0	\$14,111,819,975
Piston Helicopters	40	47	50	0	137
Turbine Helicopters	98	160	181	0	439
Grand Total Helicopter Shipments	138	207	231	0	576
Grand Total Helicopter Billings	\$505,098,532	\$925,566,333	\$1,120,735,781	\$0	\$2,551,400,646

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	152	227	254	0	633
Multi-Engine Piston	4	4	4	0	12
Total Piston Airplanes	156	231	258	0	645
Single-Engine Turboprops	79	96	79	0	254
Multi-Engine Turboprops	15	16	20	0	51
Total Turboprop Airplanes	94	112	99	0	305
Business Jets	86	111	116	0	313
Total Turbine Airplanes	180	223	215	0	618
Grand Total	336	454	473	0	1,263

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston and Electric	90	119	101	0	310
Multi-Engine Piston	25	38	26	0	89
Total Piston Airplanes	115	157	127	0	399
Single-Engine Turboprops	16	24	37	0	77
Multi-Engine Turboprops	0	1	0	0	1
Total Turboprop Airplanes	16	25	37	0	78
Business Jets	10	27	9	0	46
Total Turbine Airplanes	26	52	46	0	124
Grand Total	141	209	173	0	523

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Corporate Jets ⁷					
ACJ220-100	1	0	0		1
ACJ319neo	0	0	1		1
ACJ320neo	0	0	0		0
ACJ321neo	0	0	0		0
ACJ330-200	<u>2</u>	<u>1</u>	<u>0</u>		<u>3</u>
Total Units	3	1	1	0	5
Total Billings	\$81,000,000	\$0	\$87,000,000	\$0	\$168,000,000
Air Tractor ⁴					
AT-402A	0	0	0		0
AT-402B	6	8	5		19
AT-502A/XP	12	9	6		27
AT-502B	7	8	10		25
AT-504	0	3	3		6
AT-602	5	5	3		13
AT-802	2	6	4		12
AT-802A	14	11	7		32
AT-802AF	1	0	3		4
AT-802F	<u>1</u>	<u>1</u>	<u>2</u>		<u>4</u>
Total Units	48	51	43	0	142
Total Billings	\$39,351,424	\$57,674,206	\$52,546,102	\$0	\$149,571,732
American Champion Aircraft					
7ECA Citabria Aurora	0	0	0		0
7GCAA Citabria Adventure	0	0	0		0
7GCBC Citabria Explorer	0	2	0		2
8GCBC Scout	0	1	2		3
8KCAB Super Decathlon	0	2	2		4
8KCAB Xtreme Decathlon	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	0	5	4	0	9
Total Billings	\$0	\$1,261,000	\$1,114,000	\$0	\$2,375,000
AVIC General ¹²					
SR20	21	0	8		29
B610C	2	1	0		3
Y5B	0	1	0		1
LE500	0	0	0		0
A2C	0	0	0		0
Y12 Series	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	23	2	8	0	33
Total Billings	\$15,191,320	\$954,142	\$5,172,414	\$0	\$21,317,876
Boeing Business Jets ⁷					
BBJ MAX 7	0	0	0		0
BBJ MAX 8	0	0	0		0
BBJ MAX 9	<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
Bombardier					
Learjet 70 / 75 / 75 Liberty	3	0	0		3
Challenger 350 / 650	6	12	12		30
Global 5000 / 5500 / 6000 / 6500 / 7500	<u>12</u>	<u>16</u>	<u>13</u>		<u>41</u>
Total Units	21	28	25	0	74
Total Billings	\$1,046,000,000	\$1,385,000,000	\$1,202,000,000	\$0	\$3,633,000,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Cirrus Aircraft					
SR20	8	27	38		73
SR22	19	33	34		86
SR22T	41	53	60		154
SF50	<u>11</u>	<u>19</u>	<u>23</u>		<u>53</u>
Total Units	79	132	155	0	366
Total Billings	\$103,116,534	\$157,452,626	\$179,209,050	\$0	\$439,778,210
CubCrafters^{5,6,11}					
Carbon Cub LSA & E/A-B	7	10	8		25
XCub/NXCub E/A-B	0	8	6		14
CC19 XCub/NXCub	<u>5</u>	<u>4</u>	<u>1</u>		<u>10</u>
Total Units	12	22	15	0	49
Total Billings	\$4,625,300	\$8,874,200	\$5,963,500	\$0	\$19,463,000
DAHER¹²					
Kodiak 100	2	5	2		9
TBM 910	0	0	0		0
TBM 960	<u>2</u>	<u>3</u>	<u>24</u>		<u>29</u>
Total Units	4	8	26	0	38
Total Billings	\$14,879,012	\$27,897,824	\$120,529,012	\$0	\$163,305,848
Dassault Aviation^{5,8}					
2000S / 2000LXS / 900LX / 7X / 8X		<u>14</u>			<u>14</u>
Total Units		14		0	14
Total Billings		\$738,400,000		\$0	\$738,400,000
Diamond Aircraft^{5,6}					
DA20 (All)	1	4	3		8
DA40 (All)	20	40	25		85
DA42 (All)	8	9	7		24
DA50	2	5	6		13
DA62	<u>9</u>	<u>16</u>	<u>13</u>		<u>38</u>
Total Units	40	74	54	0	168
Total Billings	\$30,446,100	\$53,630,700	\$41,789,500	\$0	\$125,866,300
Elixir Aircraft¹²					
Elixir 912iS	<u>2</u>	<u>2</u>	<u>1</u>		<u>5</u>
Total Units	2	2	1	0	5
Total Billings	\$520,211	\$520,211	\$241,896	\$0	\$1,282,319
Embraer⁵					
Phenom 100EV	1	2	2		5
Phenom 300	2	5	1		8
Phenom 300E	3	5	12		20
Praetor 500	0	5	4		9
Praetor 600	<u>2</u>	<u>4</u>	<u>4</u>		<u>10</u>
Total Units	8	21	23	0	52
Total Billings	\$98,960,000	\$287,895,000	\$300,785,000	\$0	\$687,640,000
Epic Aircraft, LLC					
E1000 GX	<u>3</u>	<u>3</u>	<u>4</u>		<u>10</u>
Total Units	3	3	4	0	10
Total Billings	\$11,550,000	\$11,550,000	\$16,080,000	\$0	\$39,180,000
Extra Aircraft					
EA300	<u>6</u>	<u>6</u>	<u>6</u>		<u>18</u>
Total Units	6	6	6	0	18
Total Billings	\$1,890,000	\$1,818,000	\$1,764,000	\$0	\$5,472,000
Flight Design GmbH⁶					
F2	0	0	0		0
CT ASTM	<u>7</u>	<u>0</u>	<u>0</u>		<u>7</u>
Total Units	7	0	0	0	7
Total Billings	\$1,108,000	\$0	\$0	\$0	\$1,108,000
Game Composites¹²					
GB1 GameBird	<u>5</u>	<u>6</u>	<u>6</u>		<u>17</u>
Total Units	5	6	6	0	17
Total Billings	\$2,650,000	\$3,180,000	\$3,180,000	\$0	\$9,010,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Gulfstream Aerospace Corp.⁵					
Gulfstream 280	4	5	7		16
Gulfstream 500 / 600 / 650 / 650ER	<u>21</u>	<u>17</u>	<u>28</u>		<u>66</u>
Total Units	25	22	35	0	82
Total Billings	\$1,402,500,000	\$1,178,523,810	\$1,932,500,000	\$0	\$4,513,523,810
Honda Aircraft Company⁵					
HA-420 HondaJet	<u>4</u>	<u>6</u>	<u>3</u>		<u>13</u>
Total Units	4	6	3	0	13
Total Billings	\$23,000,000	\$34,500,000	\$19,500,000	\$0	\$77,000,000
ICON Aircraft					
A5	<u>4</u>	<u>10</u>	<u>7</u>		<u>21</u>
Total Units	4	10	7	0	21
Total Billings	\$1,436,000	\$3,590,000	\$2,513,000	\$0	\$7,539,000
NZSkydive Ltd.¹³					
E-350 Expedition	0	0	0		0
Cresco	0	0	0		0
PAC 750XL	<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
Piaggio Aerospace					
P.180 Avanti Evo	<u>0</u>	<u>1</u>	<u>0</u>		<u>1</u>
Total Units	0	1	0	0	1
Total Billings	\$0	\$7,695,000	\$0	\$0	\$7,695,000
Pilatus					
PC-6	1	0	0		1
PC-12	13	21	13		47
PC-24	<u>7</u>	<u>12</u>	<u>8</u>		<u>27</u>
Total Units	21	33	21	0	75
Total Billings	\$154,345,000	\$253,899,000	\$163,687,000	\$0	\$571,931,000
Piper Aircraft, Inc.					
PA-28-181 Pilot 100i	11	12	8		31
PA-28-181 Archer III	22	18	19		59
PA-28R-201 Arrow	0	0	0		0
PA-34-220T Seneca V	0	0	0		0
PA-44-180 Seminole	4	4	4		12
PA-46-350P M350	3	5	5		13
PA-46-500TP M500	4	2	2		8
PA-46-600TP M600/SLS	<u>3</u>	<u>11</u>	<u>8</u>		<u>22</u>
Total Units	47	52	46	0	145
Total Billings	\$41,269,206	\$66,521,140	\$55,985,985	\$0	\$163,776,331
Pipistrel Aircraft					
Virus SW 121	4	6	10		20
Virus SW 128 Velis Electro	<u>4</u>	<u>6</u>	<u>1</u>		<u>11</u>
Total Units	8	12	11	0	31
Total Billings	n/a	n/a	n/a	n/a	n/a
Sonaca Aircraft					
Sonaca 200	<u>4</u>	<u>3</u>	<u>5</u>		<u>12</u>
Total Units	4	3	5	0	12
Total Billings	\$902,000	\$633,450	\$1,127,500	\$0	\$2,662,950
TECNAM Aircraft^{6,12}					
ASTM - LSA	18	18	19		55
P2002JF	0	0	2		2
P92JS	0	0	0		0
P2008JC	9	17	8		34
P-Mentor	2	3	6		11
P2006T	4	10	4		18
P2010P Twenty Ten	11	9	9		29
P2012 Traveller	<u>4</u>	<u>3</u>	<u>2</u>		<u>9</u>
Total Units	48	60	50	0	158
Total Billings	\$24,150,000	\$25,250,000	\$17,830,000	\$0	\$67,230,000

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	20	42	56		118
CE-182T Skylane	9	10	12		31
CE-T206H Turbo Stationair	8	9	10		27
Bonanza G36	0	0	0		0
Baron G58	0	0	0		0
CE-208 Caravan 675	2	4	2		8
CE-208B Grand Caravan EX	14	15	11		40
King Air 260	9	7	10		26
King Air 360 / ER	6	8	8		22
CE-408 SkyCourier	0	1	2		3
CE-525 Citation M2 Gen2	8	8	9		25
CE-525B Citation CJ3+	8	7	6		21
CE-525C Citation CJ4 Gen2	7	9	6		22
CE-560 Citation XLS+ Gen2	3	5	6		14
CE-680A Citation Latitude	10	11	7		28
CE-700 Citation Longitude	3	8	5		16
Total Units	107	144	150	0	401
Total Billings (Combined)	\$720,061,000	\$961,238,500	\$792,346,000	\$0	\$2,473,645,500
Thrush Aircraft, LLC. ¹²					
S2R-T34	0	0	1		1
S2RHG-T65	0	0	0		0
S2R-510	0	4	4		8
S2R-T660	3	1	2		6
S2R-G10	0	0	0		0
S2R-H80	0	0	0		0
Total Units	3	5	7	0	15
Total Billings	\$4,658,386	\$6,608,507	\$9,104,206	\$0	\$20,371,099
WACO Aircraft Company					
2T-1A-2 Great Lakes	1	2	1		4
YMF-5D	0	1	0		1
Total Units	1	3	1	0	5
Total Billings	\$279,000	\$1,117,000	\$279,000	\$0	\$1,675,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Helicopters ^{5, 9, 10}					
H125 / H125M	14	35	20		69
H130	4	8	9		21
H135 / H135M	5	5	10		20
H145 / H145M	10	17	25		52
AS365 N3+ / AS565 Mbe	0	0	0		0
H155	0	0	0		0
H160	0	1	1		2
H175	0	0	0		0
H215 / H215M	0	0	2		2
H225 / H225M	3	4	4		11
TIGER	0	0	0		0
Total Units	36	70	71	0	177
Total Billings	\$260,800,000	\$444,800,000	\$540,600,000	\$0	\$1,246,200,000
Bell ⁵					
505	17	15	18		50
407	0	0	0		0
407GX	0	0	0		0
407GX _i	5	9	15		29
429	3	8	7		18
429WLG	0	0	2		2
412EP	0	1	2		3
412EPI	0	1	3		4
412EPX	0	0	2		2
Huey II	0	0	0		0
Total Units	25	34	49	0	108
Total Billings	\$70,400,000	\$143,900,000	\$232,000,000	\$0	\$446,300,000
Enstrom Helicopter Corp. ^{4, 5}					
F28F, 280FX	0	0	0		0
480B-G	0	0	0		0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Hélicoptères Guimbal					
Cabri G2	3	6	9		18
Total Units	3	6	9	0	18
Total Billings	\$1,067,812	\$2,101,261	\$3,565,654	\$0	\$6,734,727
KAMAN ⁵					
K-1200 K-MAX	0	1	0		1
Total Units	0	1	0	0	1
Total Billings	\$0	\$8,000,000	\$0	\$0	\$8,000,000
Leonardo Helicopters ^{5, 9, 10}					
AW119Kx	6	9	11		26
AW109 Trekker	0	2	0		2
AW109 GrandNew	2	2	4		8
AW139	4	7	11		22
AW169	2	4	4		10
AW189 / AW149	2	3	4		9
AW159	0	0	0		0
SUPER LYNX	0	0	0		0
AW101	0	0	0		0
CH47F	0	0	0		0
SW4	0	0	0		0
W3	0	0	0		0
Total Units	16	27	34	0	77
Total Billings	\$134,760,000	\$227,720,000	\$298,920,000	\$0	\$661,400,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Robinson Helicopter Company⁵					
R22 Beta II	3	3	5		11
R44 Cadet	2	0	3		5
R44 Raven I	12	15	12		39
R44 Raven II	19	21	19		59
R66	<u>21</u>	<u>26</u>	<u>27</u>		<u>74</u>
Total Units	57	65	66	0	188
Total Billings	\$37,584,000	\$44,046,000	\$44,497,000	\$0	\$126,127,000
Schweizer RSG					
S300C	1	2	2		5
Total Units	1	2	2	0	5
Total Billings	\$486,720	\$999,072	\$1,153,127	\$0	\$2,638,919
Sikorsky Aircraft Corporation^{4,5}					
S-76	0	0	0		0
S-92	0	2	0		2
Total Units	0	2	0	0	2
Total Billings	\$0	\$54,000,000	\$0	\$0	\$54,000,000

Grand Total Civil Aircraft Shipments⁶	671	933	938	0	2,542
Grand Total Aircraft Billings	\$4,328,500,306	\$6,200,251,577	\$6,131,829,819	\$0	\$16,660,581,702

Other Military and Government Aircraft Shipments⁴

Make and Model	QI	QII	QIII	QIV	YTD
Air Tractor					
AT-802U	0	0	1		1
Total Units	0	0	1	0	1
Bell					
H-1	3	4	4		11
V-22	<u>3</u>	<u>3</u>	<u>2</u>		<u>8</u>
Total Units	6	7	6	0	19
NHIndustries¹⁰					
NH90	3	6	7		16
Total Units	3	6	7	0	16
Sikorsky Aircraft Corporation					
Blackhawk	17	25	20		62
Seahawk	0	0	0		0
CH-53K	0	0	0		0
CH-148	0	0	0		0
Total Units	17	25	20	0	62
Textron Aviation					
Beechcraft T-6 A / B / C	0	0	1		1
Beechcraft AT-6	0	0	0		0
Total Units	0	0	1	0	1

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 2021.
6. AVIC General A2C, CubCrafters CCX and CC11 models, Flight Design GmbH ASTM CT Series, Icon A5, Sonaca 200, and TECNAM ASTM - LSA models 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 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.
11. CubCrafters manufacturers general aviation airplanes in Part 23, ASTM S-LSA, builder assist, and experimental kit categories.
12. The Airbus ACJ220-100, Daher TBM 960, Elixir 912iS, TECNAM Aircraft P-Mentor, Textron Aviation CE-408 SkyCourier, CE-525 M2 Gen2, CE-560XL Citation XLS+ Gen 2, and Thrush Aircraft S2R-510 entered into service in 2022. Game Composites is new entry into the 2022 report. Prior reports have been updated for Game Composite deliveries.
13. Pacific Aerospace Limited (PAL) was liquidated in 2021. The PAL type certificates have been transferred to NZSkydive Limited.