



General Aviation Aircraft Shipment Report

General Aviation Manufacturers Association

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2021 Year-End

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

	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston and Electric	208	311	316	410	1,245
Multi-Engine Piston	<u>28</u>	<u>28</u>	<u>28</u>	<u>64</u>	<u>148</u>
Total Piston Airplanes	236	339	344	474	1,393
Single-Engine Turboprops	77	121	117	140	455
Multi-Engine Turboprops	<u>7</u>	<u>16</u>	<u>19</u>	<u>30</u>	<u>72</u>
Total Turboprop Airplanes	84	137	136	170	527
Business Jets	113	151	174	272	710
Total Turbine Airplanes	197	288	310	442	1,237
Grand Total Airplane Shipments	433	627	654	916	2,630
Grand Total Airplane Billings	\$3,959,684,423	\$4,679,685,678	\$4,809,254,092	\$8,145,643,162	\$21,594,267,356
Piston Helicopters	36	47	49	49	181
Turbine Helicopters	92	167	151	235	645
Grand Total Helicopter Shipments	128	214	200	284	826
Grand Total Helicopter Billings	\$565,284,592	\$842,603,236	\$1,014,526,475	\$1,258,582,969	\$3,681,097,271

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	126	210	237	301	874
Multi-Engine Piston	<u>2</u>	<u>3</u>	<u>2</u>	<u>8</u>	<u>15</u>
Total Piston Airplanes	128	213	239	309	889
Single-Engine Turboprops	63	81	79	82	305
Multi-Engine Turboprops	<u>7</u>	<u>16</u>	<u>19</u>	<u>29</u>	<u>71</u>
Total Turboprop Airplanes	70	97	98	111	376
Business Jets	67	82	111	145	405
Total Turbine Airplanes	137	179	209	256	781
Grand Total	265	392	448	565	1,670

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston and Electric	100	129	95	142	466
Multi-Engine Piston	<u>26</u>	<u>25</u>	<u>26</u>	<u>56</u>	<u>133</u>
Total Piston Airplanes	126	154	121	198	599
Single-Engine Turboprops	14	40	33	54	141
Multi-Engine Turboprops	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>
Total Turboprop Airplanes	14	40	33	55	142
Business Jets	4	20	13	46	83
Total Turbine Airplanes	18	60	46	101	225
Grand Total	144	214	167	299	824

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

	North America	Europe	Asia Pacific	Latin America	Middle East & Africa
Piston Engine	68.7%	11.5%	14.4%	3.0%	2.3%
Turboprops	52.6%	12.3%	13.1%	15.7%	6.3%
Business Jets	65.9%	18.0%	6.3%	5.9%	3.8%
Total Shipments in Region	64.3%	13.6%	11.7%	6.7%	3.6%

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Corporate Jets ⁷					
ACJ319neo	1	0	0	1	2
ACJ320neo	0	1	0	1	2
ACJ321neo	0	0	0	2	2
ACJ330-200	0	1	1	0	2
ACJ330-300	0	0	0	1	1
ACJ350-900	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>
Total Units	2	2	1	6	11
Total Billings	\$87,000,000	\$95,000,000	\$0	\$402,000,000	\$584,000,000
Air Tractor ⁴					
AT-401B	0	0	0	0	0
AT-402A	0	0	0	0	0
AT-402B	2	5	5	6	18
AT-502A/XP	8	10	10	3	31
AT-502B	5	7	8	9	29
AT-504	0	3	3	1	7
AT-602	4	2	2	4	12
AT-802	1	1	1	0	3
AT-802A	14	10	6	15	45
AT-802AF	1	4	4	2	11
AT-802F	<u>2</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>7</u>
Total Units	37	45	40	41	163
Total Billings	\$22,567,970	\$27,123,086	\$22,194,442	\$24,783,622	\$96,669,121
American Champion Aircraft					
7ECA Citabria Aurora	0	0	0	0	0
7GCAA Citabria Adventure	0	0	0	0	0
7GCBC Citabria Explorer	2	0	1	1	4
8GCBC Scout	1	3	3	4	11
8KCAB Super Decathlon	1	1	1	2	5
8KCAB Xtreme Decathlon	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	4	4	5	7	20
Total Billings	\$989,000	\$1,127,000	\$1,343,000	\$1,900,000	\$5,359,000
AVIC General					
Y5B	0	5	5	0	10
LE500	0	0	3	0	3
A2C	0	0	0	0	0
Y12 Series	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	0	5	8	0	13
Total Billings	\$0	\$3,807,340	\$5,631,313	\$0	\$9,438,653
Boeing Business Jets ⁷					
BBJ MAX 7	0	0	0	0	0
BBJ MAX 8	1	0	1	0	2
BBJ MAX 9	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	1	0	1	0	2
Total Billings	\$80,000,000	\$0	\$80,000,000	\$0	\$160,000,000
Bombardier					
Learjet 70 / 75 / 75 Liberty	1	3	4	2	10
Challenger 350 / 650	9	9	8	18	44
Global 5000 / 5500 / 6000 / 6500 / 7500	<u>16</u>	<u>17</u>	<u>15</u>	<u>18</u>	<u>66</u>
Total Units	26	29	27	38	120
Total Billings	\$1,319,000,000	\$1,436,000,000	\$1,278,000,000	\$1,718,000,000	\$5,751,000,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Cirrus Aircraft					
SR20	16	19	27	19	81
SR22	15	26	35	55	131
SR22T	39	57	59	75	230
SF50	<u>7</u>	<u>16</u>	<u>23</u>	<u>40</u>	<u>86</u>
Total Units	77	118	144	189	528
Total Billings	\$80,391,392	\$131,434,390	\$169,362,789	\$251,716,823	\$632,905,394
CubCrafters^{5,6,11,12}					
Carbon Cub LSA & E-AB	5	5	8	5	23
XCub/NXCub EA-B	3	6	3	5	17
CC19 XCub/NXCub	4	2	1	3	10
Total Units	12	13	12	13	50
Total Billings	\$2,924,920	\$2,994,890	\$2,542,390	\$3,077,400	\$11,539,600
DAHER¹²					
Kodiak 100	5	3	3	6	17
TBM 910	0	0	1	1	2
TBM 940 Homesafe	<u>7</u>	<u>14</u>	<u>8</u>	<u>20</u>	<u>49</u>
Total Units	12	17	12	27	68
Total Billings	\$45,194,980	\$71,948,988	\$48,873,835	\$111,807,755	\$277,825,558
Dassault Aviation^{5,8}					
2000S / 2000LXS / 900LX / 7X / 8X		<u>6</u>		<u>24</u>	<u>30</u>
Total Units		6		24	30
Total Billings		\$316,400,000		\$1,187,300,000	\$1,503,700,000
Diamond Aircraft^{5,6,11}					
DA20 (All)	10	6	1	6	23
DA40 (All)	18	41	24	39	122
DA42 (All)	13	7	8	27	55
DA50	0	0	4	3	7
DA62	<u>4</u>	<u>8</u>	<u>8</u>	<u>13</u>	<u>33</u>
Total Units	45	62	45	88	240
Total Billings	\$28,677,900	\$37,678,600	\$33,518,700	\$65,009,800	\$164,885,000
Embraer⁵					
Phenom 100EV	1	1	0	4	6
Phenom 300	0	2	4	3	9
Phenom 300E	9	9	10	19	47
Praetor 500	1	3	2	8	14
Praetor 600	<u>2</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>17</u>
Total Units	13	20	21	39	93
Total Billings	\$150,085,000	\$266,360,000	\$274,065,000	\$470,235,000	\$1,160,745,000
Epic Aircraft, LLC¹¹					
E1000	1	0	0	0	1
E1000 GX	<u>0</u>	<u>0</u>	<u>5</u>	<u>4</u>	<u>9</u>
Total Units	1	0	5	4	10
Total Billings	\$3,250,000	\$0	\$19,250,000	\$15,400,000	\$37,900,000
Extra Aircraft					
EA300	<u>5</u>	<u>6</u>	<u>5</u>	<u>6</u>	<u>22</u>
Total Units	5	6	5	6	22
Total Billings	\$1,815,000	\$2,142,000	\$1,845,000	\$2,034,000	\$7,836,000
Flight Design GmbH⁶					
F2	1	1	2	2	6
CT ASTM	<u>7</u>	<u>8</u>	<u>10</u>	<u>10</u>	<u>35</u>
Total Units	8	9	12	12	41
Total Billings	\$1,225,500	\$1,375,500	\$1,944,000	\$1,964,000	\$6,509,000
Gulfstream Aerospace Corp.⁵					
Gulfstream 280	3	3	6	4	16
Gulfstream 500 / 550 / 600 / 650 / 650ER	<u>25</u>	<u>18</u>	<u>25</u>	<u>35</u>	<u>103</u>
Total Units	28	21	31	39	119
Total Billings	\$1,504,000,000	\$1,090,500,000	\$1,539,500,000	\$2,207,500,000	\$6,341,500,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Honda Aircraft Company⁵					
HA-420 HondaJet	<u>5</u>	<u>1</u>	<u>9</u>	<u>22</u>	<u>37</u>
Total Units	5	1	9	22	37
Total Billings	\$26,500,000	\$5,400,000	\$48,600,000	\$118,800,000	\$199,300,000
ICON Aircraft					
A5	<u>3</u>	<u>3</u>	<u>4</u>	<u>8</u>	<u>18</u>
Total Units	3	3	4	8	18
Total Billings	n/a	n/a	n/a	n/a	n/a
Mahindra Aerospace⁵					
Airvan 8	<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
Mooney International Corp.					
M20U Ovation Ultra	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
M20V Acclaim Ultra	<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
Pacific Aerospace Ltd.					
E-350 Explorer	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>
Cresco	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
PAC 750XL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	1	0	0	0	1
Total Billings	\$725,000	\$0	\$0	\$0	\$725,000
Piaggio Aerospace					
P.180 Avanti Evo	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>
Total Units	0	0	0	1	1
Total Billings	\$0	\$0	\$0	\$7,695,000	\$7,695,000
Pilatus					
PC-6	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>2</u>
PC-12	<u>7</u>	<u>26</u>	<u>23</u>	<u>32</u>	<u>88</u>
PC-24	<u>3</u>	<u>12</u>	<u>12</u>	<u>18</u>	<u>45</u>
Total Units	10	38	36	51	135
Total Billings	\$71,957,000	\$276,910,000	\$262,586,000	\$379,205,000	\$990,658,000
Piper Aircraft, Inc.					
PA-28-181 Pilot 100i	<u>3</u>	<u>6</u>	<u>12</u>	<u>17</u>	<u>38</u>
PA-28-181 Archer III	<u>13</u>	<u>20</u>	<u>37</u>	<u>19</u>	<u>89</u>
PA-28R-201 Arrow	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
PA-34-220T Seneca V	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
PA-44-180 Seminole	<u>2</u>	<u>3</u>	<u>2</u>	<u>8</u>	<u>15</u>
PA-46-350P M350	<u>0</u>	<u>4</u>	<u>7</u>	<u>8</u>	<u>19</u>
PA-46-500TP M500	<u>0</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>7</u>
PA-46-600TP M600/SLS	<u>6</u>	<u>8</u>	<u>12</u>	<u>13</u>	<u>39</u>
Total Units	24	44	72	67	207
Total Billings	\$27,984,968	\$52,007,925	\$76,368,198	\$80,417,965	\$236,779,056
Pipistrel Aircraft					
Virus SW 121	<u>2</u>	<u>6</u>	<u>6</u>	<u>12</u>	<u>26</u>
Virus SW 128 Velis Electro	<u>14</u>	<u>8</u>	<u>6</u>	<u>20</u>	<u>48</u>
Total Units	16	14	12	32	74
Total Billings	n/a	n/a	n/a	n/a	n/a
Sonaca Aircraft					
Sonaca 200	<u>6</u>	<u>5</u>	<u>3</u>	<u>5</u>	<u>19</u>
Total Units	6	5	3	5	19
Total Billings	\$1,451,400	\$1,240,250	\$725,700	\$1,158,250	\$4,575,600

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

Make and Model	QI	QII	QIII	QIV	YTD
TECNAM Aircraft⁶					
ASTM - LSA	13	25	14	23	75
P2002JF	1	0	3	2	6
P92JS	0	0	0	0	0
P2008JC	14	12	9	6	41
P2006T	6	7	6	9	28
P2010P Twenty Ten	9	11	8	8	36
P2012 Traveller	<u>3</u>	<u>3</u>	<u>4</u>	<u>7</u>	<u>17</u>
Total Units	46	58	44	55	203
Total Billings	\$21,970,000	\$22,881,000	\$21,785,000	\$25,495,883	\$92,131,883
Textron Aviation^{4,5,11}					
CE-172S Skyhawk SP	27	47	42	50	166
CE-182T Skylane	0	16	9	13	38
CE-T206H Turbo Stationair	6	8	1	35	50
Bonanza G36	0	0	0	0	0
Baron G58	0	0	0	0	0
CE-208 Caravan 675	2	2	5	3	12
CE-208B Grand Caravan EX	5	15	11	11	42
King Air 250 / 260	3	3	8	8	22
King Air 350i / 360 / ER	4	13	11	21	49
CE-525 Citation M2	7	9	10	8	34
CE-525B Citation CJ3+	4	7	9	6	26
CE-525C Citation CJ4 Gen2	5	7	8	7	27
CE-560 Citation XLS+	2	7	6	4	19
CE-680 Citation Sovereign+	1	2	0	0	3
CE-680A Citation Latitude	6	7	9	12	34
CE-700 Citation Longitude	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>24</u>
Total Units	75	148	136	187	546
Total Billings (Combined)	\$473,673,000	\$830,808,000	\$912,442,000	\$1,062,593,000	\$3,279,516,000
Thrush Aircraft, LLC.					
S2R-T34	5	3	3	3	14
S2RHG-T65	0	0	0	0	0
S2R-T660	2	2	2	3	9
S2R-G10	0	0	0	0	0
S2R-H80	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>
Total Units	7	5	6	6	24
Total Billings	\$8,301,393	\$6,267,709	\$7,558,725	\$7,549,664	\$29,677,491
WACO Aircraft Company					
2T-1A-2 Great Lakes	0	1	0	0	1
YMF-5D	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>2</u>
Total Units	0	1	2	0	3
Total Billings	\$0	\$279,000	\$1,118,000	\$0	\$1,397,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Helicopters ^{5, 9, 10, 13}					
H125 / H125M	16	41	27		84
H130	3	8	4		15
H135 / H135M	4	4	7		15
H145 / H145M	8	13	23		44
AS365 N3+ / AS565 Mbe	0	0	0		0
H155	0	0	1		1
H160	0	0	0		0
H175	0	1	3		4
H215 / H215M	0	1	2		3
H225 / H225M	5	3	6		14
TIGER	0	0	0		0
Total Units	36	71	73	144	324
Total Billings	\$249,324,000	\$367,964,000	\$543,344,000	\$895,164,000	\$2,055,796,000
Bell ⁵					
505	4	24	13	22	63
407	0	0	0	0	0
407GX	0	0	0	0	0
407GX _i	5	15	13	23	56
429	5	6	7	10	28
429WLG	0	0	0	2	2
412EP	0	2	0	0	2
412EPI	3	0	0	2	5
Huey II	3	0	0	4	7
Total Units	20	47	33	63	163
Total Billings	\$125,600,000	\$163,000,000	\$127,500,000	\$274,800,000	\$691,000,000
Enstrom Helicopter Corp. ^{4, 5}					
F28F, 280FX	0	0	2	0	2
480B-G	0	0	0	0	0
Total Units	0	0	2	0	2
Total Billings	\$0	\$0	\$1,200,000	\$0	\$1,200,000
Hélicoptères Guimbal					
Cabri G2	2	4	6	8	20
Total Units	2	4	6	8	20
Total Billings	\$807,592	\$1,514,236	\$2,678,475	\$3,214,969	\$8,215,271
KAMAN ⁵					
K-1200 K-MAX	1	0	0	2	3
Total Units	1	0	0	2	3
Total Billings	\$8,000,000	\$0	\$0	\$16,000,000	\$24,000,000
Leonardo Helicopters ^{5, 9, 10, 14}					
AW119Kx	0	5	3		8
AW109 Power	0	0	0		0
AW109 Trekker	0	3	0		3
AW109 GrandNew	2	3	2		7
AW139	3	8	11		22
AW169	6	5	3		14
AW189 / AW149	1	5	5		11
AW159	0	0	0		0
SUPER LYNX	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	12	30	24	0	66
Total Billings	\$118,836,000	\$272,016,000	\$249,812,000	\$0	\$640,664,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Robinson Helicopter Company⁵					
R22 Beta II	8	9	8	8	33
R44 Cadet	1	2	5	2	10
R44 Raven I	10	10	9	5	34
R44 Raven II	15	22	18	26	81
R66	<u>22</u>	<u>20</u>	<u>19</u>	<u>25</u>	<u>86</u>
Total Units	56	63	59	66	244
Total Billings	\$35,717,000	\$38,109,000	\$35,531,000	\$42,404,000	\$151,761,000
Schweizer RSG¹¹					
S300C	0	0	1	0	1
Total Units	0	0	1	0	1
Total Billings	\$0	\$0	\$461,000	\$0	\$461,000
Sikorsky Aircraft Corporation^{4,5}					
S-76	0	0	0	0	0
S-92	1	0	2	1	4
Total Units	1	0	2	1	4
Total Billings	\$27,000,000	\$0	\$54,000,000	\$27,000,000	\$108,000,000
Grand Total Civil Aircraft Shipments⁶	592	889	892	1,251	3,624
Grand Total Aircraft Billings	\$4,521,719,015	\$5,522,288,915	\$5,804,069,567	\$9,388,826,131	\$25,237,003,627

Other Military and Government Aircraft Shipments⁴

Make and Model	QI	QII	QIII	QIV	YTD
Air Tractor					
AT-802U	0	0	0	0	0
Total Units	0	0	0	0	0
Bell					
H-1	6	8	6	6	26
V22	4	5	3	3	15
Total Units	10	13	9	9	41
NHIndustries¹⁰					
NH90	3	5	6	0	14
Total Units	3	5	6	0	14
Sikorsky Aircraft Corporation					
Blackhawk	16	27	18	18	79
Seahawk	0	0	0	0	0
CH-53K	0	0	0	0	0
CH-148	0	0	0	0	0
Total Units	16	27	18	18	79
Textron Aviation					
Beechcraft T-6 A/B/C	2	0	0	2	4
Beechcraft AT-6	0	0	0	1	1
Total Units	2	0	0	3	5

Footnotes (0730)

- A shipment occurs when an aircraft is shipped from its production facility to a customer located anywhere in the world.
- Shipments may include an aircraft delivery to a fractional operator owned by the company or to an aircraft dealer.
- 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.
- Other military and government aircraft shipments are not included in main shipment table totals, but listed separately.
- Company billings are not reported. GAMA estimates total billings using public information including BCA Purchase Planning Handbook 2021.
- 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.
- Airbus and Boeing twin aisle shipments are identified in the report, but their values are not included in the calculation of billings.
- Dassault reports combined civil airplane deliveries twice a year in accordance with company financial reporting procedures.
- Airbus Helicopters and Leonardo Helicopters report combined civil/commercial and military/government unit deliveries. Billings are estimated for civil/commercial models only.
- 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.
- The Airbus ACJ-330-300, CubCrafters CC19-215 Xcub, Diamond Aircraft DA-50, Epic Aircraft E1000 GX, and Textron Aviation CJ4 Gen2 entered into service in 2021. Schweizer RSG and S300C is a new addition to the industry shipment report in 2021.
- CubCrafters manufacturers general aviation airplanes in Part 23, ASTM S-LSA, builder assist, and experimental kit categories.
- Airbus Helicopters delivered 338 helicopters in 2021. Airbus model details for fourth quarter was not available at time of publication. The 2021 report will be updated when Airbus Helicopters data is available.
- Leonardo Helicopters fourth quarter data was not available at time of publication. Leonardo is scheduled to release year-end results in mid-March 2022. GAMA will update the 2021 report at that time.