



General Aviation Aircraft Shipment Report

General Aviation Manufacturers Association

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2020 Year-End

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

	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston and Electric	188	251	354	371	1,164
Multi-Engine Piston	31	33	44	49	157
Total Piston Airplanes	219	284	398	420	1,321
Single-Engine Turboprops	60	72	89	160	381
Multi-Engine Turboprops	11	9	13	29	62
Total Turboprop Airplanes	71	81	102	189	443
Business Jets	114	130	134	266	644
Total Turbine Airplanes	185	211	236	455	1,087
Grand Total Airplane Shipments	404	495	634	875	2,408
Grand Total Airplane Billings	\$3,333,858,234	\$4,561,196,816	\$3,990,067,959	\$8,162,430,469	\$20,047,553,478
Piston Helicopters	37	26	42	37	142
Turbine Helicopters	39	155	138	235	567
Grand Total Helicopter Shipments	76	181	180	272	709
Grand Total Helicopter Billings	\$193,854,355	\$810,644,050	\$759,353,825	\$1,635,446,366	\$3,399,298,596

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	138	175	281	260	854
Multi-Engine Piston	6	3	11	11	31
Total Piston Airplanes	144	178	292	271	885
Single-Engine Turboprops	45	45	59	106	255
Multi-Engine Turboprops	11	9	13	29	62
Total Turboprop Airplanes	56	54	72	135	317
Business Jets	71	66	76	140	353
Total Turbine Airplanes	127	120	148	275	670
Grand Total	271	298	440	546	1,555

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston and Electric	70	88	91	127	376
Multi-Engine Piston	25	30	33	38	126
Total Piston Airplanes	95	118	124	165	502
Single-Engine Turboprops	15	27	29	53	124
Multi-Engine Turboprops	0	0	0	0	0
Total Turboprop Airplanes	15	27	29	53	124
Business Jets	7	27	8	37	79
Total Turbine Airplanes	22	54	37	90	203
Grand Total	117	172	161	255	705

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

	QI	QII	QIII	QIV	Year-To-Date
North America	294	316	462	586	1,658
South America	9	13	21	43	86
Europe	98	154	135	237	624
Rest of World	3	12	16	9	40
Grand Total	404	495	634	875	2,408

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

	North America	Europe	Asia Pacific	Latin America	Middle East & Africa
Piston Engine	67.9%	10.4%	17.4%	2.1%	2.2%
Turboprops	54.9%	14.4%	14.0%	11.7%	5.0%
Business Jets	66.0%	16.7%	8.1%	7.2%	1.9%
Total Shipments in Region	64.7%	13.1%	14.0%	5.5%	2.7%

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Corporate Jets ⁷					
ACJ318	0	0	0	0	0
ACJ319neo	0	0	0	0	0
ACJ320ceo	1	0	0	0	1
ACJ320neo	0	1	0	1	2
ACJ321	0	0	0	0	0
ACJ350XWB	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>2</u>
Total Units	1	2	0	2	5
Total Billings	\$95,000,000	\$95,000,000	\$0	\$95,000,000	\$285,000,000
Air Tractor ⁴					
AT-401B	0	0	0	0	0
AT-402A	0	1	2	2	5
AT-402B	5	1	6	5	17
AT-502A	9	3	3	4	19
AT-502B	2	2	7	10	21
AT-504	0	1	0	2	3
AT-602	2	2	1	1	6
AT-802	2	1	2	1	6
AT-802A	14	8	9	10	41
AT-802AF	1	0	0	0	1
AT-802F	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>4</u>
Total Units	35	19	30	39	123
Total Billings	\$19,806,333	\$11,873,962	\$17,621,913	\$22,332,728	\$71,634,936
American Champion Aircraft					
7ECA Citabria Aurora	0	0	0	0	0
7GCAA Citabria Adventure	0	0	0	0	0
7GCBC Citabria Explorer	0	0	2	0	2
8GCBC Scout	0	2	3	3	8
8KCAB Super Decathlon	0	1	0	3	4
8KCAB Xtreme Decathlon	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	0	3	5	6	14
Total Billings	\$0	\$765,700	\$1,105,700	\$1,532,400	\$3,403,800
AVIC General					
Y5B	0	0	5	2	7
LE500	0	6	0	0	6
A2C	0	1	0	0	1
Y12 Series	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	0	7	5	2	14
Total Billings	\$0	\$3,718,711	\$3,807,340	\$1,522,936	\$9,048,987
Boeing Business Jets ⁷					
BBJ MAX 7	0	0	0	0	0
BBJ MAX 8	0	0	0	1	1
BBJ MAX 9	0	0	0	0	0
BBJ 787-9	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	0	0	0	1	1
Total Billings	\$0	\$0	\$0	\$80,000,000	\$80,000,000
Bombardier					
Learjet 70 / 75 / 75 Liberty	3	2	2	4	11
Challenger 350 / 650	14	9	9	12	44
Global 5000 / 5500 / 6000 / 6500 / 7500	<u>9</u>	<u>9</u>	<u>13</u>	<u>28</u>	<u>59</u>
Total Units	26	20	24	44	114
Total Billings	\$1,061,000,000	\$880,000,000	\$1,146,000,000	\$2,223,000,000	\$5,310,000,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Cirrus Aircraft					
SR20	8	12	19	17	56
SR22	20	17	26	44	107
SR22T	39	32	56	57	184
SF50	<u>18</u>	<u>13</u>	<u>16</u>	<u>26</u>	<u>73</u>
Total Units	85	74	117	144	420
Total Billings	\$106,397,900	\$85,820,172	\$127,945,044	\$171,587,079	\$491,750,195
CubCrafters^{6,15}					
CCX-1865 FX-2 Carbon Cub	0	0	0	0	0
CCX-2000 FX-3 Carbon Cub	15	13	5	4	37
CCX-2300 NXcub	0	1	9	8	18
CC11-160 Carbon Cub SS	2	0	1	2	5
CC18-180 Top Cub	0	0	0	2	2
CC19-180 XCub	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>2</u>
Total Units	18	14	16	16	64
Total Billings	\$4,699,349	\$3,567,370	\$4,614,940	\$4,554,940	\$17,436,599
DAHER¹²					
Kodiak 100	0	2	3	6	11
TBM 910	0	0	1	0	1
TBM 940 Homesafe	<u>4</u>	<u>9</u>	<u>9</u>	<u>19</u>	<u>41</u>
Total Units	4	11	13	25	53
Total Billings	\$18,020,000	\$45,453,575	\$52,116,055	\$100,626,894	\$216,216,524
Dassault Aviation^{5,8}					
2000S / 2000LXS / 900LX / 7X / 8X	/	16	/	18	34
Total Units	/	16	/	18	34
Total Billings	/	\$755,200,000	/	\$844,800,000	\$1,600,000,000
Diamond Aircraft^{5,6}					
DA20 (All)	0	0	4	4	8
DA40 (All)	14	41	25	63	143
DA42 (All)	10	14	20	18	62
DA62	<u>5</u>	<u>4</u>	<u>5</u>	<u>12</u>	<u>26</u>
Total Units	29	59	54	97	239
Total Billings	\$20,230,200	\$34,329,000	\$34,405,200	\$57,383,000	\$146,347,400
Embraer⁵					
Phenom 100	0	2	3	1	6
Phenom 300	1	1	1	7	10
Phenom 300E	4	6	15	15	40
Legacy 450	0	0	0	0	0
Legacy 500	0	0	0	1	1
Praetor 500	1	1	2	6	10
Praetor 600	3	2	0	13	18
Legacy 650	0	1	0	0	1
Lineage 1000 / E190 Head of State	0	0	0	0	0
Shuttles (ERJs and E-Jets)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	9	13	21	43	86
Total Billings	\$128,230,000	\$163,785,000	\$201,140,000	\$611,450,000	\$1,104,605,000
Epic Aircraft, LLC¹²					
E1000	1	2	1	3	7
Total Units	1	2	1	3	7
Total Billings	\$3,250,000	\$6,500,000	\$3,250,000	\$9,750,000	\$22,750,000
Extra Aircraft¹⁶					
EA300	6	4	6	6	22
Total Units	6	4	6	6	22
Total Billings	\$1,980,000	\$1,476,000	\$2,214,000	\$2,214,000	\$7,884,000
Flight Design GmbH^{6,12}					
F2	0	0	1	1	2
ASTM CT Series	<u>12</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>36</u>
Total Units	12	8	9	9	38
Total Billings	\$1,830,500	\$1,197,500	\$1,227,000	\$1,367,500	\$5,622,500
Gulfstream Aerospace Corp.⁵					
Gulfstream 280	3	6	7	6	22
Gulfstream 500 / 550 / 600 / 650 / 650ER	<u>20</u>	<u>26</u>	<u>25</u>	<u>34</u>	<u>105</u>
Total Units	23	32	32	40	127
Total Billings	\$1,227,500,000	\$1,734,000,000	\$1,588,000,000	\$2,182,000,000	\$6,731,500,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Honda Aircraft Company⁵					
HA-420 HondaJet	<u>7</u>	<u>2</u>	<u>8</u>	<u>14</u>	<u>31</u>
Total Units	7	2	8	14	31
Total Billings	\$37,100,000	\$10,600,000	\$42,400,000	\$74,200,000	\$164,300,000
ICON Aircraft					
A5	<u>6</u>	<u>7</u>	<u>6</u>	<u>3</u>	<u>22</u>
Total Units	6	7	6	3	22
Total Billings	n/a	n/a	n/a	n/a	n/a
Mahindra Aerospace⁵					
Airvan 8	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>2</u>
Total Units	0	0	2	0	2
Total Billings	\$0	\$0	\$1,917,488	\$0	\$1,917,488
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.¹²					
E-350 Explorer	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>
Cresco	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>
PAC 750XL	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>
Total Units	0	0	2	1	3
Total Billings	\$0	\$0	\$2,775,000	\$1,550,000	\$4,325,000
Piaggio Aerospace					
P.180 Avanti Evo	<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
Pilatus¹²					
PC-6	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
PC-12	<u>11</u>	<u>18</u>	<u>19</u>	<u>34</u>	<u>82</u>
PC-24	<u>7</u>	<u>9</u>	<u>8</u>	<u>17</u>	<u>41</u>
Total Units	18	27	27	51	123
Total Billings	\$121,507,000	\$180,414,000	\$191,211,000	\$372,096,000	\$865,228,000
Piper Aircraft, Inc.¹²					
PA-28-161 Warrior III	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
PA-28-181 Pilot 100i	<u>0</u>	<u>0</u>	<u>0</u>	<u>11</u>	<u>11</u>
PA-28-181 Archer III	<u>18</u>	<u>45</u>	<u>46</u>	<u>40</u>	<u>149</u>
PA-28R-201 Arrow	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>3</u>
PA-34-220T Seneca V	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>
PA-44-180 Seminole	<u>4</u>	<u>2</u>	<u>9</u>	<u>7</u>	<u>22</u>
PA-46-350P M350	<u>0</u>	<u>5</u>	<u>3</u>	<u>7</u>	<u>15</u>
PA-46-500TP M500	<u>0</u>	<u>0</u>	<u>5</u>	<u>2</u>	<u>7</u>
PA-46-600TP M600/SLS	<u>3</u>	<u>8</u>	<u>7</u>	<u>18</u>	<u>36</u>
Total Units	25	60	73	86	244
Total Billings	\$20,106,584	\$53,396,025	\$67,444,540	\$93,859,851	\$234,807,000
Pipistrel Aircraft¹²					
Virus SW 121	<u>1</u>	<u>2</u>	<u>4</u>	<u>10</u>	<u>17</u>
Virus SW 128 Velis Electro	<u>0</u>	<u>0</u>	<u>5</u>	<u>8</u>	<u>13</u>
Total Units	1	2	9	18	30
Total Billings	n/a	n/a	n/a	n/a	n/a
Sonaca Aircraft					
Sonaca 200	<u>5</u>	<u>1</u>	<u>5</u>	<u>8</u>	<u>19</u>
Total Units	5	1	5	8	19
Total Billings	\$1,178,750	\$235,750	\$1,178,750	\$1,984,400	\$4,577,650

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

Make and Model	QI	QII	QIII	QIV	YTD
TECNAM Aircraft⁶					
ASTM - LSA	8	10	18	10	46
P2002JF	2	5	1	0	8
P92JS	0	0	0	0	0
P2008JC	14	12	10	4	40
P2006T	5	8	5	4	22
P2010P Twenty Ten	8	5	4	5	22
P2012 Traveller	5	4	3	4	16
Total Units	42	44	41	27	154
Total Billings	\$18,658,193	\$22,482,721	\$17,500,000	\$21,382,086	\$80,023,000
Textron Aviation^{4,5}					
CE-172S Skyhawk SP	48	51	94	48	241
CE-182T Skylane	2	1	11	13	27
CE-T206H Turbo Stationair	0	5	8	13	26
Bonanza G36	2	2	6	2	12
Baron G58	2	1	2	3	8
CE-208 Caravan 675	1	1	1	5	8
CE-208B Grand Caravan EX	4	5	7	27	43
King Air C90GTx	1	2	2	3	8
King Air 250	6	2	6	6	20
King Air 350i / 360 / ER	4	5	5	20	34
CE-525 Citation M2	3	6	4	11	24
CE-525B Citation CJ3+	3	2	7	9	21
CE-525C Citation CJ4	4	4	5	10	23
CE-560 Citation XLS+	2	1	3	7	13
CE-680 Citation Sovereign+	2	0	0	4	6
CE-680A Citation Latitude	7	3	3	13	26
CE-700 Citation Longitude	2	7	2	7	18
CE-750 Citation X+	0	0	1	0	1
Total Units	93	98	167	201	559
Total Billings (Combined)	\$446,284,800	\$460,768,000	\$474,569,000	\$1,180,719,000	\$2,562,340,800
Thrush Aircraft, LLC.					
S2R-T34	0	4	3	1	8
S2RHG-T65	0	0	0	0	0
S2R-T660	0	2	2	3	7
S2R-G10	0	0	0	0	0
S2R-H80	1	2	0	2	5
Total Units	1	8	5	6	20
Total Billings	\$1,078,625	\$9,775,330	\$6,227,989	\$7,517,655	\$24,599,599
WACO Aircraft Company					
2T-1A-2 Great Lakes	0	1	1	0	2
YMF-5D	0	1	2	0	3
Total Units	0	2	3	0	5
Total Billings	\$0	\$838,000	\$1,397,000	\$0	\$2,235,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Helicopters ^{5, 9, 10, 13}					
H120		0	0	0	0
H125 / H125M		40	23	40	103
H130		6	4	10	20
H135 / H135M		10	7	16	33
H145 / H145M		37	16	30	83
AS365 N3+ / AS565 Mbe		0	0	1	1
H155		0	3	0	3
H160		0	0	0	0
H175		1	1	4	6
H215 / H215M		1	1	6	8
H225 / H225M		2	2	10	14
TIGER		1	0	0	1
Total Units		98	57	117	272
Total Billings		\$494,200,000	\$323,500,000	\$791,000,000	\$1,608,700,000
Bell ⁵					
505	7	10	15	17	49
407	0	1	0	0	1
407GX	0	0	0	0	0
407GX _i	3	10	19	21	53
407GXP	0	0	0	0	0
429	5	4	5	13	27
429WLG	0	0	2	1	3
412EP	0	0	0	1	1
412EPI	0	1	0	4	5
412EPX	0	1	0	0	1
Huey II	0	0	0	0	0
Total Units	15	27	41	57	140
Total Billings	\$62,300,000	\$111,900,000	\$151,600,000	\$279,300,000	\$605,100,000
Enstrom Helicopter Corp. ^{4, 5}					
F28F, 280FX	0	0	0	2	2
480B-G	0	1	2	0	3
Total Units	0	1	2	2	5
Total Billings	\$0	\$1,325,000	\$2,651,036	\$1,236,000	\$5,212,036
Hélicoptères Guimbal					
Cabri G2	2	5	5	5	17
Total Units	2	5	5	5	17
Total Billings	\$800,355	\$1,926,050	\$1,942,789	\$2,119,366	\$6,788,560
Leonardo Helicopters ^{5, 9, 10, 11, 14}					
AW119Kx	1	0	1	2	4
AW109 Power	0	0	0	0	0
AW109 Trekker	0	1	1	5	7
AW109 GrandNew	0	5	2	7	14
AW139	6	8	7	27	48
AW169	1	2	6	5	14
AW189 / AW149	1	0	5	4	10
AW159	0	0	0	0	0
SUPER LYNX	0	0	0	0	0
AW101	1	1	1	2	5
CH47F	0	0	0	0	0
SW4	0	0	0	0	0
W3	0	0	0	0	0
Total Units	10	17	23	52	102
Total Billings	\$102,200,000	\$153,600,000	\$248,900,000	\$524,000,000	\$1,028,700,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Robinson Helicopter Company⁵					
R22 Beta II	5	5	6	2	18
R44 Cadet	6	1	2	3	12
R44 Raven I	10	7	10	5	32
R44 Raven II	14	8	19	20	61
R66	<u>15</u>	<u>13</u>	<u>16</u>	<u>10</u>	<u>54</u>
Total Units	50	34	53	40	177
Total Billings	\$28,554,000	\$20,693,000	\$30,760,000	\$22,791,000	\$102,798,000
Sikorsky Aircraft Corporation^{4,5}					
S-76	0	0	0	1	1
S-92	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>
Total Units	0	1	0	1	2
Total Billings	\$0	\$27,000,000	\$0	\$15,000,000	\$42,000,000

Grand Total Civil Aircraft Shipments⁶	524	718	862	1,184	3,288
Grand Total Aircraft Billings	\$3,524,462,590	\$5,365,340,866	\$4,746,171,784	\$9,788,126,835	\$23,424,102,074

Other Military and Government Aircraft Shipments⁴

Make and Model	QI	QII	QIII	QIV	YTD
Air Tractor					
AT-802U	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Units	0	0	0	0	0
Bell					
H-1	4	9	8	7	28
V22	<u>5</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>17</u>
Total Units	9	12	12	12	45
NHIndustries^{10,13}					
NH90		<u>6</u>	<u>7</u>	<u>15</u>	<u>28</u>
Total Units		6	7	15	28
Sikorsky Aircraft Corporation					
Blackhawk	14	17	7	28	66
Seahawk	0	0	0	5	5
CH-53K	0	0	0	0	0
CH-148	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>
Total Units	15	17	7	33	72
Textron Aviation					
Beechcraft T-6 A/B/C	0	1	0	4	5
Beechcraft AT-6	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>
Total Units	0	1	0	5	6

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 2020.
6. AVIC General A2C, CubCrafters CC11, 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 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. Leonardo Helicopters also delivered 2 NH90, 3 T129, and 1 AW 139 kits in Q1; 2 NH90 in Q2; 2 NH90 in Q3; and 4 NH90 in Q4.
12. The Bombardier Learjet 75 Liberty, Daher TBM 940 Homesafe, Epic Aircraft E1000, Flight Design F2, Pacific Aerospace Cresco and E-350, Pilatus PC-12 NGX, Piper PA-28-181 Pilot 100i and PA-46-600TP M600/SLS, Pipistrel VSW 128 Velis Electro, Textron King Air 360 and AT-6 entered into service in 2020.
13. Airbus Helicopters reported combined H1 (first and second quarter) model delivery data in 2020.
14. Leonardo Helicopters 2020 fourth quarter data was added to the report following its original publication.
15. CubCrafters 2020 delivery data has been updated since the report's original publication. CubCrafters manufacturers general aviation airplanes in Part 23, ASTM S-