



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

2019 Second Quarter

Revised

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

	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	214	259	0	0	473
Multi-Engine Piston	34	60	0	0	94
Total Piston Airplanes	248	319	0	0	567
Single-Engine Turboprops	100	92	0	0	192
Multi-Engine Turboprops	23	18	0	0	41
Total Turboprop Airplanes	123	110	0	0	233
Business Jets	141	175	0	0	316
Total Turbine Airplanes	264	285	0	0	549
Grand Total Airplane Shipments	512	604	0	0	1,116
Grand Total Airplane Billings	\$4,300,715,287	\$4,745,757,918	\$0	\$0	\$9,046,473,205
Piston Helicopters	66	44	0	0	110
Turbine Helicopters	104	195	0	0	299
Grand Total Helicopter Shipments	170	239	0	0	409
Grand Total Helicopter Billings	\$553,123,526	\$919,628,694	\$0	\$0	\$1,472,752,220

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	154	194	0	0	348
Multi-Engine Piston	9	12	0	0	21
Total Piston Airplanes	163	206	0	0	369
Single-Engine Turboprops	78	60	0	0	138
Multi-Engine Turboprops	23	16	0	0	39
Total Turboprop Airplanes	101	76	0	0	177
Business Jets	103	98	0	0	201
Total Turbine Airplanes	204	174	0	0	378
Grand Total	367	380	0	0	747

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	87	96	0	0	183
Multi-Engine Piston	25	48	0	0	73
Total Piston Airplanes	112	144	0	0	256
Single-Engine Turboprops	20	30	0	0	50
Multi-Engine Turboprops	0	2	0	0	2
Total Turboprop Airplanes	20	32	0	0	52
Business Jets	7	11	0	0	18
Total Turbine Airplanes	27	43	0	0	70
Grand Total	139	187	0	0	326

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

	QI	QII	QIII	QIV	Year-To-Date
North America	389	413	0	0	802
South America	2	25	0	0	27
Europe	108	152	0	0	260
Rest of World	13	14	0	0	27
Grand Total	512	604	0	0	1,116

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Corporate Jets^{7, 14}					
ACJ318	0	0			0
ACJ319	0	0			0
ACJ320neo	2	0			2
ACJ321	0	0			0
ACJ330	0	0			0
Total Units	2	0	0	0	2
Total Billings	\$190,000,000	\$0	\$0	\$0	\$190,000,000
Air Tractor⁴					
AT-401B	0	0			0
AT-402A	1	0			1
AT-402B	1	6			7
AT-502A	9	3			12
AT-502B	2	4			6
AT-504	0	0			0
AT-602	1	1			2
AT-802	2	0			2
AT-802A	17	4			21
AT-802AF	2	1			3
AT-802F	0	0			0
Total Units	35	19	0	0	54
Total Billings	\$20,545,391	\$10,181,994	\$0	\$0	\$30,727,385
American Champion Aircraft					
7ECA Citabria Aurora	0	0			0
7GCAA Citabria Adventure	0	0			0
7GCBC Citabria Explorer	1	0			1
8GCBC Scout	1	0			1
8KCAB Super Decathlon	0	2			2
8KCAB Xtreme Decathlon	0	0			0
Total Units	2	2	0	0	4
Total Billings	\$425,400	\$511,800	\$0	\$0	\$937,200
AVIC General					
Y5B	0	2			2
LE500	0	0			0
A2C	4	5			9
Y12 Series	0	0			0
Total Units	4	7	0	0	11
Total Billings	\$290,676	\$1,816,763	\$0	\$0	\$2,107,439
Boeing Business Jets⁷					
BBJ	0	0			0
BBJ MAX 7	0	0			0
BBJ MAX 8	0	0			0
BBJ MAX 9	0	0			0
B737-800	0	0			0
B777-300ER	0	0			0
B787-8	0	0			0
B787-9	0	0			0
B747-8	0	0			0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Bombardier					
Learjet 70 / 75	2	2			4
Challenger 350 / 650	14	17			31
Global 5000 / 6000 / 7500	8	16			24
Total Units	24	35	0	0	59
Total Billings	\$927,000,000	\$1,504,000,000	\$0	\$0	\$2,431,000,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Cirrus Aircraft					
SR20	9	23			32
SR22	23	29			52
SR22T	34	54			88
SF50	14	17			31
Total Units	80	123	0	0	203
Total Billings	\$94,537,335	\$132,956,956	\$0	\$0	\$227,494,291
CubCrafters⁶					
CC11-100 Sport Cub S2	0	0			0
CC11-160 Carbon Cub SS	0	0			0
CC18-180 Top Cub	4	1			5
CC19-180 XCub	1	2			3
Total Units	5	3	0	0	8
Total Billings	\$1,205,645	\$1,059,904	\$0	\$0	\$2,265,549
DAHER¹⁴					
TBM 910	7	2			9
TBM 930	1	0			1
TBM 940	0	9			9
Total Units	8	11	0	0	19
Total Billings	\$32,750,000	\$47,260,000	\$0	\$0	\$80,010,000
Dassault Aviation^{5, 8, 15}					
2000S / 2000LXS / 900LX / 7X / 8X		0		0	0
Total Units		0		0	0
Total Billings		\$0		\$0	\$0
Diamond Aircraft^{5, 6}					
DA20 (All)	0	0			0
DA40 (All)	17	31			48
DA42 (All)	5	30			35
DA62	9	6			15
Total Units	31	67	0	0	98
Total Billings	\$21,890,600	\$45,637,800	\$0	\$0	\$67,528,400
Discovery Aviation					
XL2	0	0			0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Embraer^{5, 14}					
Phenom 100	2	4			6
Phenom 300	6	15			21
Legacy 450	0	1			1
Legacy 500	2	3			5
Praetor 500	0	0			0
Praetor 600	0	1			1
Legacy 650	1	1			2
Lineage 1000 / E190 Head of State	0	0			0
Shuttles (ERJs and E-Jets)	0	0			0
Total Units	11	25	0	0	36
Total Billings	\$134,430,000	\$286,030,000	\$0	\$0	\$420,460,000
Extra Aircraft¹⁶					
EA300	8				8
Total Units	8	0	0	0	8
Total Billings	\$2,760,000	\$0	\$0	\$0	\$2,760,000
Flight Design GmbH⁶					
ASTM CT Series	16	18			34
Total Units	16	18	0	0	34
Total Billings	\$2,387,433	\$2,677,788	\$0	\$0	\$5,065,221
Gulfstream Aerospace Corp.⁵					
Gulfstream 280	7	8			15
Gulfstream 500 / 550 / 650 / 650ER	27	23			50
Total Units	34	31	0	0	65
Total Billings	\$1,863,000,000	\$1,646,500,000	\$0	\$0	\$3,509,500,000

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>10</u>			<u>17</u>
Total Units	7	10	0	0	17
Total Billings	\$34,912,500	\$49,875,000	\$0	\$0	\$84,787,500
ICON Aircraft					
A5	<u>14</u>	<u>14</u>			<u>28</u>
Total Units	14	14	0	0	28
Total Billings	n/a	n/a	n/a	n/a	n/a
Mahindra Aerospace⁵					
Airvan 8	<u>4</u>	<u>2</u>			<u>6</u>
Total Units	4	2	0	0	6
Total Billings	\$3,834,976	\$1,917,488	\$0	\$0	\$5,752,464
Mooney International Corp.					
M20U Ovation Ultra	<u>0</u>	<u>0</u>			<u>0</u>
M20V Acclaim Ultra	<u>2</u>	<u>2</u>			<u>4</u>
Total Units	2	2	0	0	4
Total Billings	\$1,660,800	\$1,686,500	\$0	\$0	\$3,347,300
ONE Aviation Corp.⁵					
Eclipse 550	<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.¹⁷					
PAC 750XL	<u>2</u>	<u>2</u>			<u>4</u>
Total Units	2	2	0	0	4
Total Billings	\$4,100,000	\$4,100,000	\$0	\$0	\$8,200,000
Piaggio Aerospace					
P.180 Avanti Evo	<u>0</u>	<u>2</u>			<u>2</u>
Total Units	0	2	0	0	2
Total Billings	\$0	\$15,390,000	\$0	\$0	\$15,390,000
Pilatus					
PC-6	<u>0</u>	<u>0</u>			<u>0</u>
PC-12	<u>12</u>	<u>19</u>			<u>31</u>
PC-24	<u>5</u>	<u>11</u>			<u>16</u>
Total Units	17	30	0	0	47
Total Billings	\$107,650,000	\$199,571,000	\$0	\$0	\$307,221,000
Piper Aircraft, Inc.					
PA-28-161 Warrior III	<u>0</u>	<u>0</u>			<u>0</u>
PA-28-181 Archer III	<u>35</u>	<u>42</u>			<u>77</u>
PA-28R-201 Arrow	<u>0</u>	<u>0</u>			<u>0</u>
PA-34-220T Seneca V	<u>0</u>	<u>0</u>			<u>0</u>
PA-44-180 Seminole	<u>9</u>	<u>8</u>			<u>17</u>
PA-46-350P M350	<u>7</u>	<u>5</u>			<u>12</u>
PA-46-500TP M500	<u>7</u>	<u>6</u>			<u>13</u>
PA-46-600TP M600	<u>0</u>	<u>1</u>			<u>1</u>
Total Units	58	62	0	0	120
Total Billings	\$46,649,369	\$47,483,512	\$0	\$0	\$94,132,881
Pipistrel Aircraft					
Virus SW 121	<u>6</u>	<u>4</u>			<u>10</u>
Total Units	6	4	0	0	10
Total Billings	n/a	n/a	n/a	n/a	n/a
Quest Aircraft Company					
Kodiak 100	<u>7</u>	<u>6</u>			<u>13</u>
Total Units	7	6	0	0	13
Total Billings	\$16,650,894	\$14,638,788	\$0	\$0	\$31,289,682

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

Make and Model	QI	QII	QIII	QIV	YTD
TECNAM Aircraft^{6, 14}					
ASTM - LSA	15	17			32
P2002JF	8	5			13
P92JS	1	1			2
P2002JR	0	0			0
P2008JC	8	11			19
P2006T	11	10			21
P2010P Twenty Ten	8	9			17
P2012 Traveller	0	2			2
Total Units	51	55	0	0	106
Total Billings	\$14,677,356	\$21,085,000	\$0	\$0	\$35,762,356
Textron Aviation^{4, 5}					
<u>Beechcraft Corporation</u>					
Bonanza G36	1	2			3
Baron G58	0	4			4
King Air C90GTx	3	5			8
King Air 250	11	7			18
King Air 350i / ER	9	4			13
Total Units	24	22	0	0	46
Total Billings (Beechcraft - Total)	\$158,567,515	\$104,536,340	\$0	\$0	
<u>Cessna Aircraft Company</u>					
CE-172S Skyhawk SP	28	24			52
CE-182T Skylane	5	1			6
CE-T206H Turbo Stationair	2	6			8
CE-208 Caravan 675	3	4			7
CE-208B Grand Caravan EX	18	14			32
CE-525 Citation M2	8	8			16
CE-525B Citation CJ3+	8	9			17
CE-525C Citation CJ4	6	10			16
CE-560 Citation XLS+	5	4			9
CE-680 Citation Sovereign+	2	2			4
CE-680A Citation Latitude	14	13			27
CE-750 Citation X+	1	0			1
Total Units	100	95	0	0	195
Total Billings (Cessna - Total)	\$613,050,000	\$596,637,000	\$0	\$0	
Total Billings (Combined)	\$771,617,515	\$701,173,340	\$0	\$0	\$1,472,790,855
Thrush Aircraft, Inc.					
S2R-T34	6	6			12
S2RHG-T65	0	0			0
S2R-T660	0	2			2
S2R-G10	0	0			0
S2R-H80	2	2			4
Total Units	8	10	0	0	18
Total Billings	\$7,189,397	\$9,645,286	\$0	\$0	\$16,834,683
Viking Air Ltd.^{5, 13}					
DHC-6 Series 400 Twin Otter	n/a	n/a	n/a	n/a	
Total Units	n/a	n/a	n/a	n/a	0
Total Billings	n/a	n/a	n/a	n/a	\$0
WACO Aircraft Company					
2T-1A-2	0	0			0
YMF-5D	1	1			2
Total Units	1	1	0	0	2
Total Billings	\$550,000	\$559,000	\$0	\$0	\$1,109,000

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

Make and Model	QI	QII	QIII	QIV	YTD
<i>Airbus Helicopters</i> ^{5, 9, 10}					
H120	0	0			0
AS350 B2	0	0			0
H125 / H125M / H130	23	57			80
AS355 NP / ASS555AP	0	0			0
H135 / H135M	5	8			13
H145 / H145M	13	21			34
AS365 N3+ / AS565 Mbe	0	0			0
H155	1	1			2
H175	1	1			2
H215 / H215M	0	2			2
H225 / H225M	0	0			0
TIGER	1	0			1
Total Units	44	90	0	0	134
Total Billings	\$200,500,000	\$393,100,000	\$0	\$0	\$593,600,000
<i>Bell</i> ⁵					
505	18	30			48
206L-4	0	2			2
407	0	0			0
407GX	0	1			1
407GX _i	6	13			19
407GXP	1	0			1
429	2	6			8
429WLG	0	0			0
412EP	0	0			0
412EPI	3	1			4
Huey II	0	0			0
Total Units	30	53	0	0	83
Total Billings	\$124,000,000	\$116,000,000	\$0	\$0	\$240,000,000
<i>Enstrom Helicopter Corp.</i> ^{4, 5}					
F28F	0	0			0
280FX	6	5			11
480B-G	0	0			0
Total Units	6	5	0	0	11
Total Billings	\$3,748,000	\$3,090,000	\$0	\$0	\$6,838,000
<i>Hélicoptères Guimbal</i>					
Cabri G2	6	6			12
Total Units	6	6	0	0	12
Total Billings	\$1,980,526	\$2,297,694	\$0	\$0	\$4,278,220
<i>Leonardo Helicopters</i> ^{5, 9, 10, 11, 12}					
AW119Kx	0	0			0
AW109 Power	2	0			2
AW109 Trekker	0	0			0
AW109 GrandNew	1	5			6
AW139	10	16			26
AW169	6	9			15
AW189 / AW149	0	4			4
AW159	0	2			2
SUPER LYNX	0	0			0
AW101	0	2			2
CH47F	0	0			0
SW4	0	0			0
W3	0	0			0
Total Units	19	38	0	0	57
Total Billings	\$189,300,000	\$374,300,000	\$0	\$0	\$563,600,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Robinson Helicopter Company ⁵					
R22 Beta II	9	4			13
R44 Cadet	7	0			7
R44 Raven I	10	8			18
R44 Raven II	28	21			49
R66	<u>12</u>	<u>18</u>			<u>30</u>
Total Units	66	51	0	0	117
Total Billings	\$33,595,000	\$30,841,000	\$0	\$0	\$64,436,000
Sikorsky Aircraft Corporation ^{4,5}					
S-76	0	0			0
S-92	<u>0</u>	<u>0</u>			<u>0</u>
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0

Grand Total Civil Aircraft Shipments ⁶	732	901	0	0	1,633
Grand Total Aircraft Billings	\$4,853,838,813	\$5,665,386,612	\$0	\$0	\$10,519,225,425

Other Military and Government Aircraft Shipments⁴

Make and Model	QI	QII	QIII	QIV	Year-To-Date
Air Tractor					
AT-802U	<u>0</u>	<u>0</u>			<u>0</u>
Total Units	0	0	0	0	0
Bell					
H-1	5	6			11
V22	<u>3</u>	<u>0</u>			<u>3</u>
Total Units	8	6	0	0	14
NHIndustries ¹⁰					
NH90	<u>2</u>	<u>7</u>			<u>9</u>
Total Units	2	7	0	0	9
Sikorsky Aircraft Corporation					
Blackhawk	16	27			43
Seahawk	0	0			0
CH-53K	<u>0</u>	<u>0</u>			<u>0</u>
Total Units	16	27	0	0	43
Textron Aviation					
<u>Beechcraft Corporation</u>					
T-6 A/B/C	<u>2</u>	<u>0</u>			<u>2</u>
Total Units	2	0	0	0	2

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 2019.
6. AVIC General A2C, CubCrafters CC11, Flight Design GmbH ASTM CT Series, 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, 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 two T129 and two NH90 kits in Q1; and 2 T129 and 4 NH90 kits in Q2.
12. Leonardo Helicopters reports combined AW189/AW149 deliveries.
13. Viking Air Ltd. reports aircraft deliveries on an annual basis.
14. The Airbus ACJ320neo, Daher TBM 940, Embraer Praetor 500 and 600, and TECNAM P2012 are new models entering into service in 2019.
15. Dassault Aviation will publish first half-year results on September 4th. GAMA will update the report with Dassault Aviation shipment data then.
16. Extra Aircraft second quarter data was not available at the time of publication.
17. Pacific Aerospace second quarter data was added to the report since its original publication.