



General Aviation Aircraft Shipment Report

General Aviation Manufacturers Association

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2019 Third Quarter

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

	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	214	265	262	0	741
Multi-Engine Piston	34	60	42	0	136
Total Piston Airplanes	248	325	304	0	877
Single-Engine Turboprops	100	92	94	0	286
Multi-Engine Turboprops	23	18	22	0	63
Total Turboprop Airplanes	123	110	116	0	349
Business Jets	141	192	183	0	516
Total Turbine Airplanes	264	302	299	0	865
Grand Total Airplane Shipments	512	627	603	0	1,742
Grand Total Airplane Billings	\$4,300,715,287	\$5,582,171,918	\$4,961,447,557	\$0	\$14,844,334,762
Piston Helicopters	66	44	26	0	136
Turbine Helicopters	104	195	135	0	434
Grand Total Helicopter Shipments	170	239	161	0	570
Grand Total Helicopter Billings	\$534,523,526	\$965,028,694	\$716,536,032	\$0	\$2,216,088,252

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	154	194	198	0	546
Multi-Engine Piston	9	12	11	0	32
Total Piston Airplanes	163	206	209	0	578
Single-Engine Turboprops	78	60	62	0	200
Multi-Engine Turboprops	23	16	22	0	61
Total Turboprop Airplanes	101	76	84	0	261
Business Jets	103	120	130	0	353
Total Turbine Airplanes	204	196	214	0	614
Grand Total	367	402	423	0	1,192

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

Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	87	102	85	0	274
Multi-Engine Piston	25	48	31	0	104
Total Piston Airplanes	112	150	116	0	378
Single-Engine Turboprops	20	30	31	0	81
Multi-Engine Turboprops	0	2	0	0	2
Total Turboprop Airplanes	20	32	31	0	83
Business Jets	7	28	12	0	47
Total Turbine Airplanes	27	60	43	0	130
Grand Total	139	210	159	0	508

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

	QI	QII	QIII	QIV	Year-To-Date
North America	389	435	449	0	1,258
South America	2	3	6	0	11
Europe	115	181	135	0	431
Rest of World	13	14	15	0	42
Grand Total	519	633	605	0	1,742

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		0
ACJ319neo	0	0	1		1
ACJ320neo	2	0	0		2
ACJ321	0	0	0		0
ACJ330	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	2	0	1	0	3
Total Billings	\$190,000,000	\$0	\$83,000,000	\$0	\$273,000,000
Air Tractor⁴					
AT-401B	0	0	0		0
AT-402A	1	0	0		1
AT-402B	1	6	5		12
AT-502A	9	3	6		18
AT-502B	2	4	9		15
AT-504	0	0	1		1
AT-602	1	1	1		3
AT-802	2	0	0		2
AT-802A	17	4	3		24
AT-802AF	2	1	1		4
AT-802F	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	35	19	26	0	80
Total Billings	\$20,545,391	\$10,181,994	\$12,476,781	\$0	\$43,204,166
American Champion Aircraft					
7ECA Citabria Aurora	0	0	0		0
7GCAA Citabria Adventure	0	0	0		0
7GCBC Citabria Explorer	1	0	0		1
8GCBC Scout	1	0	2		3
8KCAB Super Decathlon	0	2	1		3
8KCAB Xtreme Decathlon	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	2	2	3	0	7
Total Billings	\$425,400	\$511,800	\$765,700	\$0	\$1,702,900
AVIC General					
Y5B	0	2	0		2
LE500	0	0	0		0
A2C	4	5	1		10
Y12 Series	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	4	7	1	0	12
Total Billings	\$290,676	\$1,816,763	\$70,766	\$0	\$2,178,205
Boeing Business Jets⁷					
BBJ	0	0	0		0
BBJ MAX 7	0	0	0		0
BBJ MAX 8	0	0	0		0
BBJ MAX 9	0	0	0		0
BBJ 787-9	<u>0</u>	<u>0</u>	<u>1</u>		<u>1</u>
Total Units	0	0	1	0	1
Total Billings	\$0	\$0	\$0	\$0	\$0
Bombardier					
Learjet 70 / 75	2	2	5		9
Challenger 350 / 650	14	17	17		48
Global 5000 / 6000 / 7500	<u>8</u>	<u>16</u>	<u>9</u>		<u>33</u>
Total Units	24	35	31	0	90
Total Billings	\$927,000,000	\$1,504,000,000	\$1,127,000,000	\$0	\$3,558,000,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Cirrus Aircraft					
SR20	9	23	9		41
SR22	23	29	26		78
SR22T	34	54	51		139
SF50	<u>14</u>	<u>17</u>	<u>21</u>		<u>52</u>
Total Units	80	123	107	0	310
Total Billings	\$94,537,335	\$132,956,956	\$132,570,833	\$0	\$360,065,124
CubCrafters⁶					
CC11-100 Sport Cub S2	0	0	0		0
CC11-160 Carbon Cub SS	0	0	2		2
CC18-180 Top Cub	4	1	0		5
CC19-180 XCub	<u>1</u>	<u>2</u>	<u>4</u>		<u>7</u>
Total Units	5	3	6	0	14
Total Billings	\$1,205,645	\$1,059,904	\$1,899,488	\$0	\$4,165,037
DAHER^{14, 15}					
Kodiak 100	7	6	2		15
TBM 910	7	2	0		9
TBM 930	1	0	1		2
TBM 940	<u>0</u>	<u>9</u>	<u>10</u>		<u>19</u>
Total Units	15	17	13	0	45
Total Billings	\$49,400,894	\$61,898,788	\$52,345,310	\$0	\$163,644,992
Dassault Aviation^{5, 8}					
2000S / 2000LXS / 900LX / 7X / 8X		<u>17</u>			<u>17</u>
Total Units		17		0	17
Total Billings		\$834,200,000		\$0	\$834,200,000
Diamond Aircraft^{5, 6}					
DA20 (All)	0	0	0		0
DA40 (All)	17	31	31		79
DA42 (All)	5	30	13		48
DA62	<u>9</u>	<u>6</u>	<u>7</u>		<u>22</u>
Total Units	31	67	51	0	149
Total Billings	\$21,890,600	\$45,637,800	\$32,496,200	\$0	\$100,024,600
Discovery Aviation					
XL2	<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
Embraer^{5, 14}					
Phenom 100	2	4	1		7
Phenom 300	6	15	14		35
Legacy 450	0	1	4		5
Legacy 500	2	3	1		6
Praetor 500	0	0	0		0
Praetor 600	0	1	7		8
Legacy 650	1	1	0		2
Lineage 1000 / E190 Head of State	0	0	0		0
Shuttles (ERJs and E-Jets)	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	11	25	27	0	63
Total Billings	\$134,430,000	\$286,030,000	\$370,035,000	\$0	\$790,495,000
Extra Aircraft					
EA300	<u>8</u>	<u>6</u>	<u>6</u>		<u>20</u>
Total Units	8	6	6	0	20
Total Billings	\$2,760,000	\$2,214,000	\$2,214,000	\$0	\$7,188,000
Flight Design GmbH⁶					
ASTM CT Series	<u>16</u>	<u>18</u>	<u>15</u>		<u>49</u>
Total Units	16	18	15	0	49
Total Billings	\$2,387,433	\$2,677,788	\$2,264,000	\$0	\$7,329,221
Gulfstream Aerospace Corp.⁵					
Gulfstream 280	7	8	9		24
Gulfstream 500 / 600 / 550 / 650 / 650ER	<u>27</u>	<u>23</u>	<u>29</u>		<u>79</u>
Total Units	34	31	38	0	103
Total Billings	\$1,863,000,000	\$1,646,500,000	\$2,007,400,000	\$0	\$5,516,900,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Honda Aircraft Company⁵					
HA-420 HondaJet	7	10	8		25
Total Units	7	10	8	0	25
Total Billings	\$34,912,500	\$49,875,000	\$39,900,000	\$0	\$124,687,500
ICON Aircraft					
A5	14	14	8		36
Total Units	14	14	8	0	36
Total Billings	n/a	n/a	n/a	n/a	n/a
Mahindra Aerospace⁵					
Airvan 8	4	2	5		11
Total Units	4	2	5	0	11
Total Billings	\$3,834,976	\$1,917,488	\$4,793,720	\$0	\$10,546,184
Mooney International Corp.					
M20U Ovation Ultra	0	0	2		2
M20V Acclaim Ultra	2	2	2		6
Total Units	2	2	4	0	8
Total Billings	\$1,660,800	\$1,686,500	\$3,132,500	\$0	\$6,479,800
ONE Aviation Corp.⁵					
Eclipse 550	0	0	0		0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Pacific Aerospace Ltd.					
PAC 750XL	2	2	1		5
Total Units	2	2	1	0	5
Total Billings	\$4,100,000	\$4,100,000	\$2,050,000	\$0	\$10,250,000
Piaggio Aerospace					
P.180 Avanti Evo	0	2	0		2
Total Units	0	2	0	0	2
Total Billings	\$0	\$15,390,000	\$0	\$0	\$15,390,000
Pilatus					
PC-6	0	0	0		0
PC-12	12	19	20		51
PC-24	5	11	11		27
Total Units	17	30	31	0	78
Total Billings	\$107,650,000	\$199,571,000	\$204,606,000	\$0	\$511,827,000
Piper Aircraft, Inc.					
PA-28-161 Warrior III	0	0	0		0
PA-28-181 Archer III	35	42	39		116
PA-28R-201 Arrow	0	0	0		0
PA-34-220T Seneca V	0	0	0		0
PA-44-180 Seminole	9	8	8		25
PA-46-350P M350	7	5	4		16
PA-46-500TP M500	7	6	5		18
PA-46-600TP M600	0	1	6		7
Total Units	58	62	62	0	182
Total Billings	\$46,649,369	\$47,483,512	\$57,865,415	\$0	\$151,998,296
Pipistrel Aircraft					
Virus SW 121	6	4	1		11
Total Units	6	4	1	0	11
Total Billings	n/a	n/a	n/a	n/a	n/a

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	11		43
P2002JF	8	5	4		17
P92JS	1	1	1		3
P2002JR	0	0	0		0
P2008JC	8	11	7		26
P2006T	11	10	9		30
P2010P Twenty Ten	8	9	9		26
P2012 Traveller	0	2	2		4
Total Units	51	55	43	0	149
Total Billings	\$14,677,356	\$21,085,000	\$16,715,644	\$0	\$52,478,000
Textron Aviation^{4,5}					
<u>Beechcraft Corporation</u>					
Bonanza G36	1	2	2		5
Baron G58	0	4	3		7
King Air C90GTx	3	5	3		11
King Air 250	11	7	4		22
King Air 350i / ER	9	4	15		28
Total Units	24	22	27	0	73
Total Billings (Beechcraft - Total)	\$158,567,515	\$104,536,340	\$167,348,525	\$0	
<u>Cessna Aircraft Company</u>					
CE-172S Skyhawk SP	28	24	28		80
CE-182T Skylane	5	1	14		20
CE-T206H Turbo Stationair	2	6	13		21
CE-208 Caravan 675	3	4	3		10
CE-208B Grand Caravan EX	18	14	14		46
CE-525 Citation M2	8	8	5		21
CE-525B Citation CJ3+	8	9	10		27
CE-525C Citation CJ4	6	10	7		23
CE-560 Citation XLS+	5	4	6		15
CE-680 Citation Sovereign+	2	2	2		6
CE-680A Citation Latitude	14	13	15		42
CE-750 Citation X+	1	0	0		1
Total Units	100	95	117	0	312
Total Billings (Cessna - Total)	\$613,050,000	\$596,637,000	\$634,206,000	\$0	
Total Billings (Combined)	\$771,617,515	\$701,173,340	\$801,554,525	\$0	\$2,274,345,380
Thrush Aircraft, Inc.					
S2R-T34	6	6	3		15
S2RHG-T65	0	0	0		0
S2R-T660	0	2	2		4
S2R-G10	0	0	0		0
S2R-H80	2	2	1		5
Total Units	8	10	6	0	24
Total Billings	\$7,189,397	\$9,645,286	\$6,012,675	\$0	\$22,847,358
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	1		1
YMF-5D	1	1	0		2
Total Units	1	1	1	0	3
Total Billings	\$550,000	\$559,000	\$279,000	\$0	\$1,388,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Airbus Helicopters ^{5, 9, 10}					
H120	0	0	0		0
AS350 B2	0	0	0		0
H125 / H125M / H130	23	57	25		105
AS355 NP / ASS555AP	0	0	0		0
H135 / H135M	5	8	4		17
H145 / H145M	13	21	21		55
AS365 N3+ / AS565 Mbe	0	0	0		0
H155	1	1	3		5
H175	1	1	1		3
H215 / H215M	0	2	1		3
H225 / H225M	0	0	0		0
TIGER	1	0	2		3
Total Units	44	90	57	0	191
Total Billings	\$200,500,000	\$393,100,000	\$293,300,000	\$0	\$886,900,000
Bell ⁵					
505	18	30	17		65
206L-4	0	2	0		2
407	0	0	0		0
407GX	0	1	0		1
407GX _i	6	13	15		34
407GXP	1	0	0		1
429	2	6	9		17
429WLG	0	0	0		0
412EP	0	0	0		0
412EPI	3	1	1		5
Huey II	0	0	0		0
Total Units	30	53	42	0	125
Total Billings	\$105,400,000	\$161,400,000	\$175,000,000	\$0	\$441,800,000
Enstrom Helicopter Corp. ^{4, 5}					
F28F	0	0	0		0
280FX	6	5	0		11
480B-G	0	0	1		1
Total Units	6	5	1	0	12
Total Billings	\$3,748,000	\$3,090,000	\$1,443,889	\$0	\$8,281,889
Hélicoptères Guimbal					
Cabri G2	6	6	5		17
Total Units	6	6	5	0	17
Total Billings	\$1,980,526	\$2,297,694	\$1,919,143	\$0	\$6,197,363
Leonardo Helicopters ^{5, 9, 10, 11, 12}					
AW119Kx	0	0	2		2
AW109 Power	2	0	0		2
AW109 Trekker	0	0	5		5
AW109 GrandNew	1	5	4		10
AW139	10	16	10		36
AW169	6	9	5		20
AW189 / AW149	0	4	0		4
AW159	0	2	0		2
SUPER LYNX	0	0	0		0
AW101	0	2	1		3
CH47F	0	0	0		0
SW4	0	0	0		0
W3	0	0	0		0
Total Units	19	38	27	0	84
Total Billings	\$189,300,000	\$374,300,000	\$226,300,000	\$0	\$789,900,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Robinson Helicopter Company⁵					
R22 Beta II	9	4	5		18
R44 Cadet	7	0	3		10
R44 Raven I	10	8	3		21
R44 Raven II	28	21	10		59
R66	<u>12</u>	<u>18</u>	<u>11</u>		<u>41</u>
Total Units	66	51	32	0	149
Total Billings	\$33,595,000	\$30,841,000	\$18,573,000	\$0	\$83,009,000
Sikorsky Aircraft Corporation^{4,5}					
S-76	0	0	0		0
S-92	<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

Grand Total Civil Aircraft Shipments⁶	732	924	804	0	2,460
Grand Total Aircraft Billings	\$4,835,238,813	\$6,547,200,612	\$5,677,983,589	\$0	\$17,060,423,014

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>		<u>0</u>
Total Units	0	0	0	0	0
Bell					
H-1	5	6	7		18
V22	<u>3</u>	<u>0</u>	<u>7</u>		<u>10</u>
Total Units	8	6	14	0	28
NHIndustries¹⁰					
NH90	<u>2</u>	<u>7</u>	<u>9</u>		<u>18</u>
Total Units	2	7	9	0	18
Sikorsky Aircraft Corporation					
Blackhawk	16	27	22		65
Seahawk	0	0	0		0
CH-53K	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	16	27	22	0	65
Textron Aviation					
<u>Beechcraft Corporation</u>					
T-6 A/B/C	<u>2</u>	<u>0</u>	<u>2</u>		<u>4</u>
Total Units	2	0	2	0	4

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 2 T129 and 2 NH90 kits in Q1; 2 T129 and 4 NH90 kits in Q2; and 6 NH90 and 5 T129 kits in Q3.
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, Gulfstream G600, and TECNAM P2012 are models entering into service in 2019.
15. Daher acquired Quest Aircraft on October 1, 2019. The Kodiak 100 deliveries are listed as part of Daher starting with the third quarter report.