

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 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	<u>34</u>	<u>60</u>	<u>42</u>	<u>0</u>	<u>136</u>
Total Piston Airplanes	248	325	304	0	877
Single-Engine Turboprops	100	92	94	0	286
Multi-Engine Turboprops	<u>23</u>	<u>18</u>	<u>22</u>	<u>0</u>	<u>63</u>
Total Turboprop Airplanes	123	110	116	0	349
Business Jets	<u>141</u>	<u>192</u>	<u>183</u>	<u>0</u>	<u>516</u>
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

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

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

		, ,,			
Type	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	87	102	85	0	274
Multi-Engine Piston	<u>25</u>	<u>48</u>	<u>31</u>	<u>0</u>	<u>104</u>
Total Piston Airplanes	112			0	378
Single-Engine Turboprops	20	30	31	0	81
Multi-Engine Turboprops	0	2	<u>0</u>	<u>0</u>	<u>2</u>
Total Turboprop Airplanes	20	32	31	0	83
Business Jets	7	<u>28</u>	<u>12</u>	0	<u>47</u>
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

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	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

			nulactured Worldw		VTD
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	ő	0		0
ACJ330	0	Ö	0		0
Total Units	2	<u> </u>	<u> </u>	0	3
Total Billings	\$190,000,000	\$0	\$83,000,000	\$0	\$273,000,000
Air Tractor ⁴	V 100,000,000	40	+,,	_	+=: 0,000,000
	0	0	0		0
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		n
7GCAA Citabria Adventure	0	0	0		o n
7GCBC Citabria Explorer	1	0	0		1
8GCBC Scout		0	2		ં
8KCAB Super Decathlon	0	2	1		3
8KCAB Xtreme Decathlon	0		0		5
Total Units	2	<u>0</u> 2	3	0	<u>U</u>
Total Billings	\$425,400	\$511,800	\$765,700	\$0	\$1,702,900
	\$425,400	\$311,000	\$105,100	φ0	\$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 Jets 7					
BBJ	0	0	0		0
BBJ MAX 7	0	Ö	0		0
BBJ MAX 8	0	0	0		0
BBJ MAX 9	0	Ö	0		0
BBJ 787-9	0	<u>0</u>	1		1
Total Units	0	Ö	<u>+</u> 1	0	
Total Billings	\$0	\$0	\$0	\$0	
	90	Ψ0	φ0	φυ	Ψ
Bombardier		ء ا	_		_
Learjet 70 / 75	2	2	5		9
Challenger 350 / 650	14	17	17		48
Global 5000 / 6000 / 7500	8	<u>16</u>	9		<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

<u> </u>	ane Snipments				
Make and Model	QI	QII	QIII	QIV	YTD
Cirrus Aircraft					
SR20	0	22	0		11
	9	23	9		41
SR22	23	29	26		78
SR22T	34	54	51		139
SF50	14	17	<u>21</u>		<u>52</u>
Total Units	80	123	107	0	310
		_	-	\$0	
Total Billings	\$94,537,335	\$132,956,956	\$132,570,833	\$0	\$360,065,124
CubCrafters ⁶					
CC11-100 Sport Cub S2	0	0	0		0
CC11-160 Carbon Cub SS	0	0	2		3
	U	U	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
14 15	\$1,203,043	φ1,009,90 4	\$1,033,400	ΨΟ	\$4,103,03 <i>1</i>
DAHER 14, 15					
Kodiak 100	7	6	2		15
TBM 910	7	2	0		9
	[2	U		
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	\$61,898,78 8	\$52,345,31 0	\$0	\$163,644,99 2
	\$45,400,034	φ01,030,700	\$32,343,310	ΨΟ	\$103,044,332
Dassault Aviation 5,8					
2000S / 2000LXS / 900LX / 7X / 8X		17			17
Total Units		<u>17</u> 17		0	17
					• •
Total Billings		\$834,200,000		\$0	\$834,200,000
Diamond Aircraft 5,6					
DA20 (All)	0	0	0		n
		-			70
DA40 (All)	17	31	31		79
DA42 (All)	5	30	13		48
DA62	9	<u>6</u>	7		<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
	\$21,090,000	\$45,63 <i>1</i> ,600	\$32,496,20 0	\$ 0	\$100,024,600
Discovery Aviation					
Discovery Aviation XL2	0	0	0		0
XL2	<u>0</u>	<u>0</u>	o lo	0	<u>0</u> 0
XL2 Total Units	0	0	0	0	<u>0</u> 0
XL2 Total Units Total Billings				0 \$0	<u>0</u> 0 \$0
XL2 Total Units	0	0	0		
XL2 Total Units Total Billings <i>Embraer</i> ^{5, 14}	0 \$0	0 \$0	\$0 \$0		\$0
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100	0 \$0	0 \$0 4	0 \$0 1		\$0
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300	0 \$0 2 6	0 \$0 4 15	0 \$0 1 14		\$0 7 35
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450	0 \$0	0 \$0 4 15 1	0 \$0 1		\$0 7 35 5
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500	0 \$0 2 6	0 \$0 4 15	0 \$0 1 14		\$0 7 35 5 6
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450	0 \$0 2 6	0 \$0 4 15 1	0 \$0 1 14		\$0 7 35 5 6
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500	0 \$0 2 6 0 2	0 \$0 4 15 1 3	0 \$0 1 14 4 1		\$0 7 35 5 6
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600	0 \$0 2 6 0 2 0	0 \$0 4 15 1 3	0 \$0 1 14 4 1 0 7		\$0 7 35 5 6
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650	0 \$0 2 6 0 2 0 0	0 \$0 4 15 1 3 0 1	0 \$0 1 14 4 1 0 7 0		\$0 7 35 5 6
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State	0 \$0 2 6 0 2 0	0 \$0 4 15 1 3	0 \$0 1 14 4 1 0 7 0		\$0 7 35 5 6 0
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650	0 \$0 2 6 0 2 0 0	0 \$0 4 15 1 3 0 1	0 \$0 1 14 4 1 0 7 0		\$0 7 35 5 6 0 8 2 0
XL2 Total Units Total Billings Embraer 5,14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets)	0 \$0 2 6 0 2 0 0	0 \$0 4 15 1 3 0 1	0 \$0 1 14 4 1 0 7 0	\$0	\$0 7 35 5 6 0 8 2 0
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units	0 \$0 2 6 0 2 0 0 1 0 0	0 \$0 4 15 1 3 0 1 1 0 25	0 \$0 1 14 4 1 0 7 0 0 0	\$0	\$0 7 35 5 6 0 8 2 0 63
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings	0 \$0 2 6 0 2 0 0 1 0	90 \$0 4 15 1 3 0 1 1 0 0	0 \$0 1 14 4 1 0 7 0 0 0	\$0	\$0 7 35 5 6 0 8 2 0 63
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft	0 \$0 2 6 0 2 0 0 1 1 0 0 1 1 \$134,430,000	0 \$0 4 15 1 3 0 1 1 0 25	0 \$0 1 14 4 1 0 7 0 0 0	\$0	\$0 7 35 5 6 0 8 2 0 0 63 \$790,495,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings	0 \$0 2 6 0 2 0 0 1 1 0 0 1 1 \$134,430,000	0 \$0 4 15 1 3 0 1 1 0 0 25 \$286,030,000	0 \$0 1 14 4 1 0 7 0 0 0 27 \$370,035,000	\$0	\$0 7 35 5 6 0 8 2 0 0 63 \$790,495,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300	0 \$0 2 6 0 2 0 0 1 0 0	0 \$0 4 15 1 3 0 1 1 0 25	0 \$0 1 14 4 1 0 7 0 0 0	\$0 0 \$0	\$0 7 35 5 6 0 8 2 0 0 63 \$790,495,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units	0 \$0 2 6 0 2 0 0 1 1 0 1 \$134,430,000	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000	0 \$0 1 14 4 1 0 7 0 0 0 27 \$370,035,000	\$0 0 \$0	\$0 7 35 5 6 0 8 2 0 63 \$790,495,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings	0 \$0 2 6 0 2 0 0 1 1 0 1 \$134,430,000	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000	0 \$0 1 14 4 1 0 7 0 0 0 27 \$370,035,000	\$0 0 \$0	\$0 7 35 5 6 0 8 2 0 0 63 \$790,495,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units	0 \$0 2 6 0 2 0 0 1 1 0 1 \$134,430,000	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000	0 \$0 1 14 4 1 0 7 0 0 0 27 \$370,035,000	\$0 0 \$0	\$0 7 35 5 6 0 8 2 0 63 \$790,495,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6	0 \$0 2 6 0 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 \$2,214,000	0 \$0 1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000	\$0 0 \$0	\$0 7 35 6 0 8 2 0 0 63 \$790,495,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series	0 \$0 2 6 0 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 \$2,214,000	0 \$0 1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000	\$0 0 \$0	\$0 7 35 6 0 8 2 0 63 \$790,495,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series Total Units	0 \$0 2 6 0 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 \$2,214,000	0 \$0 1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000	\$0 0 \$0 0 0	\$0 7 35 6 0 8 2 0 63 \$790,495,000 20 \$7,188,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series Total Units Total Units Total Units Total Units	0 \$0 2 6 0 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 \$2,214,000	0 \$0 1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000	\$0 0 \$0	\$0 7 35 6 0 8 2 0 63 \$790,495,000 20 \$7,188,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series Total Units Total Units Total Units Total Units	0 \$0 2 6 0 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 \$2,214,000	0 \$0 1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000	\$0 0 \$0 0 0	\$0 7 35 5 6 0 8 2 0 63 \$790,495,000 20 \$7,188,000
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5	0 \$0 2 6 0 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000	0 \$0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 6 \$2,214,000 18 18 \$2,677,788	0 \$0 1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 6 \$2,214,000	\$0 0 \$0 0 0	\$0 7 35 5 6 0 8 2 0 63 \$790,495,000 20 \$7,188,000 49 49 \$7,329,221
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5 Gulfstream 280	0 \$0 2 6 6 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000 1 16 16 \$2,387,433	0 \$0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 6 \$2,214,000 18 18 18 \$2,677,788	0 \$0 \$1 1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000 15 15 \$2,264,000	\$0 0 \$0 0 0	\$0 7 35 6 0 8 2 0 0 63 \$790,495,000 20 \$7,188,000 49 49 \$7,329,221
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5 Gulfstream 280 Gulfstream 500 / 600 / 550 / 650 / 650ER	0 \$0 \$0 2 6 6 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000 1 16 \$2,387,433	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 \$2,214,000 18 18 18 \$2,677,788	0 \$0 \$1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000 15 15 \$2,264,000	\$0 \$0 \$0 \$0	\$0 7 35 6 0 8 2 0 63 \$790,495,000 20 \$7,188,000 49 49 \$7,329,221
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5 Gulfstream 280	0 \$0 2 6 6 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000 1 16 16 \$2,387,433	0 \$0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 6 \$2,214,000 18 18 18 \$2,677,788	0 \$0 \$1 1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000 15 15 \$2,264,000	\$0 0 \$0 0 0	\$0 7 35 6 0 8 2 0 0 63 \$790,495,000 20 \$7,188,000 49 49 \$7,329,221
XL2 Total Units Total Billings Embraer 5, 14 Phenom 100 Phenom 300 Legacy 450 Legacy 500 Praetor 500 Praetor 600 Legacy 650 Lineage 1000 / E190 Head of State Shuttles (ERJs and E-Jets) Total Units Total Billings Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH 6 ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5 Gulfstream 280 Gulfstream 500 / 600 / 550 / 650 F	0 \$0 \$0 2 6 6 0 2 0 0 1 1 \$134,430,000 8 8 \$2,760,000 1 16 \$2,387,433	0 \$0 4 15 1 3 0 1 1 0 25 \$286,030,000 6 6 \$2,214,000 18 18 18 \$2,677,788	0 \$0 \$1 14 4 1 0 7 0 0 27 \$370,035,000 6 6 \$2,214,000 15 15 \$2,264,000	\$0 \$0 \$0 \$0	\$0 7 35 6 0 8 2 0 63 \$790,495,000 20 \$7,188,000 49 49 \$7,329,221

Make and Model	QI QI	QII	QIII	QIV	YTD
Honda Aircraft Company ⁵		·	·	·	
HA-420 HondaJet	7	10	8		<u>25</u>
Total Units	7	10 10	<u>9</u>	0	<u>25</u> 25
Total Billings	\$34,912,500	\$49,875,000	\$39,900,000	\$0	\$124,687,500
ICON Aircraft	ψο-1,0 1 <u>2</u> ,000	\$10,070,000	400,000,000	Ψ	4.2. 1,001,000
A5	1.4	1.4	٥		26
	14 14	14 14	<u>8</u> 8	0	<u>36</u> 36
Total Units			-	0	
Total Billings	n/a	n/a	n/a	n/a	n/a
Mahindra Aerospace ⁵			_		
Airvan 8	4	2	<u>5</u>		<u>11</u>
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	<u>2</u>	<u>2</u>	<u>2</u>		<u>6</u>
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	<u>0</u>	<u>0</u>	0		0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Pacific Aerospace Ltd.					
PAC 750XL	2	<u>2</u>	1		5
Total Units	2	<u>=</u> 2	<u>-</u> 1	0	<u>=</u> 5
Total Billings	\$4,100,000	\$4,100,000	\$2,050,000	\$0	\$10,250,000
Piaggio Aerospace	, , , , , , , , ,	, ,,	, ,,	, -	, ,, ,,,,,,,,
P.180 Avanti Evo	<u>0</u>	2	0		2
Total Units		<u>~</u> 2	0	0	<u>∠</u> 2
Total Billings	\$0	\$15,390,000	\$0	\$0	\$15,390,000
Pilatus	Ψ.	\$10,000,000	40	40	\$10,000,000
PC-6	0	0	0		0
PC-12	-	19	20		51
PC-12 PC-24	12	11	20 <u>11</u>		27
Total Units	<u>5</u> 17	$\frac{11}{30}$	11 31	0	<u>27</u> 78
Total Billings	\$107,650,000	\$199,571,000	\$204,606,000	\$0	\$511,827,000
Piper Aircraft, Inc.	\$101,000,000	\$100,011,000	420-1,000,000	40	4011,021,000
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	O		25
PA-46-350P M350	9	5	8		16
PA-46-500TP M500	7	6	5		18
PA-46-600TP M600	0	1	<u>6</u>		7
Total Units	5 <u>8</u>	62	6 <u>0</u>	0	18 <mark>2</mark>
Total Billings	\$46,649,369	\$47,483,512	\$57,865,415	\$0	\$151,998,296
Pipistrel Aircraft	\$ -10,040,000	ψ-11, 100,012	₩ 01,000, -1 10	ΨΟ	4.01,000,200
		4	4		44
Virus SW 121	<u>6</u>	4	<u>1</u> 1	•	<u>11</u>
Total Units	6	4		0	11
Total Billings	n/a	n/a	n/a	n/a	n/a

Make and Model	QI	QII	QIII	QIV	YTD
	Q1	QII	QIII	QIV	110
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	<u>0</u>	<u>2</u>	<u>2</u>		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					
Beechcraft Corporation					
Bonanza G36	1	2	2		5
Baron G58	0	4	2		7
King Air C90GTx	2		3		11
	11	5 7			22
King Air 250		_	4		
King Air 350i / ER	9	4	<u>15</u>	•	<u>28</u>
Total Units	24	22	27	0	73
Total Billings (Beechcraft - Total)	\$158,567,515	\$104,536,340	\$167,348,525	\$0	
Cessna Aircraft Company	0.0	0.4	00		
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+	<u>1</u>	<u>0</u>	<u>0</u>		<u>1</u>
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	م ا	<u>2</u>			5
Total Units	<u>∠</u> 8	<u>2</u> 10	<u>1</u> 6	0	<u>3</u> 24
Total Billings	\$7,189,397	\$9,645,286	\$6,012,67 5	\$0	\$22,847,358
Viking Air Ltd. 5, 13	ψ1,100,001	ψ5,040,200	ψ0,012,010	Ψ	Ψ 2 Σ,041,000
	,	,	,	,	
DHC-6 Series 400 Twin Otter	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	
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	<u>1</u>	<u>1</u>	<u>0</u>		<u>2</u>
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

AS355 NP / ASS55AP H135 / H135M 5 8 4 H145 / H145M 5 8 4 H145 / H145M 5 8 4 H145 / H145M 13 21 21 21 AS365 N3+ / AS565 Mbe 0 0 0 0 0 0 0 0 H155 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Make and Model	QI	QII	QIII	QIV	YTD
H120	Airbus Heliconters 5, 9, 10					
AS350 B2 H125/ H125M / H130 AS365 NP / ASS555AP H135/ H135M AS365 NP / ASS555AP H145 / H136M AS365 NS / AS565 Mbe H145 / H145M H155	H120	0	0	0		0
H125 / H125M / H130 A3365 NP / ASS556AP 0 0 0 0 H135 / H135M A5365 NP / ASS56AP 0 0 0 0 H135 / H135M A5365 NP / ASS565 Mbe H155 1 1 1 1 1 1 H215 / H215M 0 0 0 0 H155 1 1 1 1 1 1 H215 / H215M 0 0 0 0 0 H155 1 1 1 1 1 1 H216 / H225 / H225M 0 0 0 0 0 H166 H157 M 0 0 0 0 H176 H157 M 0 0 0 0 0 0 H176 H157 M 0 0 0 0 0 0 H176 H157 M 0 0 0 0 0 0 H176 H157 M 0 0 0 0 0 0 0 H176 H157 M 0 0 0 0 0 0 0 H176 H157 M 0 0 0 0 0 0 0 0 H176 H157 M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						0
AS355 NP / ASS555AP H135 / H135M 5						105
H135 / H135M						
H145 / H145M						0
AS365 N3+ / AS565 Mbe H155				-		17
H155 1						55
H175	AS365 N3+ / AS565 Mbe	0	0	0		0
H215 / H215M	H155	1	1	3		5
TIGER	H175	1	1	1		3
TIGER	H215 / H215M	0	2	1		3
TIGER	H225 / H225M	0	0	0		0
Total Billings \$200,500,000 \$393,100,000 \$293,300,000 \$0 \$886,900 \$896,900 \$0 \$0 \$886,900 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		1		2		3
Total Billings		44		= 57	0	19 <u>1</u>
Bell 5 505						-
SOS	_	Ψ200,300,000	ψ555, 100,000	Ψ233,300,000	ΨΟ	Ψ000,300,000
206L-4						
407						65
407GX		0		0		2
A07GXI	407	0	0	0		0
407GXP	407GX	0	1	0		1
407GXP	407GXi	6	13	15		34
429	407GXP	1				1
429WLG		2	-			17
412EP				•		0
412EP 3		-	-	0		0
Huey I			0	1		0
Total Billings			1	1		5
Total Billings		<u>U</u>	<u>0</u>		_	<u>0</u>
Enstrom Helicopter Corp. 4.5					-	125
Page Page		\$105,400,000	\$161,400,000	\$175,000,000	\$0	\$441,800,000
280FX 6 5 0 480B-G 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 2 1 1 0 2 2 0 0 1	Enstrom Helicopter Corp. 4,5					
A80B-G		0	0	0		0
A80B-G	280FX	6	5	0		11
Total Units 6 5 1 0 Total Billings \$3,748,000 \$3,090,000 \$1,443,889 \$0 \$8,281 Hélicoptères Guimbal Cabri G2 6 6 6 5 0 Total Units 6 6 6 5 0 Total Billings \$1,980,526 \$2,297,694 \$1,919,143 \$0 \$6,197 Leonardo Helicopters 5,9,10,11,12 2 0 0 2 4 4 9 4 9 6,197 9 9 6 9 6,197 9 9 6 9 6 19 9 6 9 6 9 6 9 6 9 6 9 5 4		0	0	1		1
Total Billings \$3,748,000 \$3,090,000 \$1,443,889 \$0 \$8,281 Hélicoptères Guimbal 6 6 6 5 0 5 0 Total Units 6 6 6 5 0 0 2 5 0 \$6,197 Leonardo Helicopters 5, 9, 10, 11, 12 2 0 0 2 4		_	_	<u></u> 1	0	1 <u>-</u>
Hélicoptères Guimbal 6 6 5 0 Total Units 6 6 5 0 Total Billings \$1,980,526 \$2,297,694 \$1,919,143 \$0 \$6,197 Leonardo Helicopters 5,9,10,11,12 0 0 2 0 0 4 0 0 \$6,197 0 0 \$6,197 0 0 \$6,197 0 0 \$6,197 0 0 \$6,197 0 0 \$6,197 0 0 \$6,197 0 0 \$6,197 0 \$6,197 0 \$6,197 0 \$6,197 0 \$6,197 0 \$6,197 0 \$6,197 \$6,197 0 \$6,197 </td <td></td> <td>~</td> <td>-</td> <td>¢1 //3 880</td> <td>-</td> <td></td>		~	-	¢1 //3 880	-	
Cabri G2 6 6 5 0 Total Units 6 6 5 0 Total Billings \$1,980,526 \$2,297,694 \$1,919,143 \$0 \$6,197 Leonardo Helicopters 5,9,10,11,12 0 0 2 0 0 \$6,197 AW119Kx 0 0 0 2 0 0 0 \$6,197 0 0 \$6,197 0 \$6,197 0 0 \$6,197 0 0 \$6,197		ψ3,7 1 0,000	ψ5,050,000	Ψ1,443,003	ΨΟ	ψ0,201,003
Total Units 6 6 5 0 Total Billings \$1,980,526 \$2,297,694 \$1,919,143 \$0 \$6,197 Leonardo Helicopters 5, 9, 10, 11, 12 0 0 2 0 \$6,197 AW119Kx 0 0 2 0 0 \$6,197 AW119Kx 0 0 0 2 0 \$6,197 AW119Kx 0 0 0 0 \$6,197 \$6,197 AW109 Free Reverse 0 0 0 0 \$6,197 \$6,197 AW109 Free Reverse 0 0 0 0 \$6,197				_		4-7
Total Billings \$1,980,526 \$2,297,694 \$1,919,143 \$0 \$6,197 Leonardo Helicopters 5, 9, 10, 11, 12 0 0 2 0 0 2 AW119Kx 0 <td< td=""><td></td><td></td><td></td><td><u>5</u></td><td></td><td><u>17</u></td></td<>				<u>5</u>		<u>17</u>
Leonardo Helicopters 5, 9, 10, 11, 12 AW119Kx 0 0 2 AW109 Power 2 0 0 AW109 Trekker 0 0 5 AW109 GrandNew 1 5 4 AW139 10 16 10 AW169 6 9 5 AW189 / AW149 0 4 0 AW159 0 2 0 SUPER LYNX 0 0 0 AW101 0 2 1 CH47F 0 0 0 SW4 0 0 0 W3 0 0 0		~	-	5	-	17
AW119Kx 0 0 0 2 AW109 Power 2 0 0 AW109 Trekker 0 0 5 AW109 GrandNew 1 5 4 AW139 10 16 10 AW169 6 9 5 AW189 / AW149 0 4 0 AW159 0 2 0 SUPER LYNX 0 0 0 0 AW101 0 2 1 CH47F 0 0 0 0 SW4 0 0 W3	Total Billings	\$1,980,526	\$2,297,694	\$1,919,143	\$0	\$6,197,363
AW119Kx	Leonardo Helicopters 5, 9, 10, 11, 12					
AW109 Power		0	0	2		2
AW109 Trekker						2
AW109 GrandNew AW139 AW169 AW189 / AW149 AW159 SUPER LYNX AW101 CH47F SW4 W3 AW109 GrandNew 1						5
AW139						
AW169 AW189 / AW149 AW159 SUPER LYNX O AW101 CH47F SW4 O W3 6 9 5 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		- 1				10
AW189 / AW149 0 4 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0						36
AW159 SUPER LYNX 0 0 0 0 0 AW101 0 0 0 0 CH47F 0 0 0 0 0 0 W3 0 0 0 0 0 0 0 0 0						20
SUPER LYNX 0 0 AW101 0 2 1 CH47F 0 0 0 SW4 0 0 0 W3 0 0 0		-				4
AW101 0 2 1 CH47F 0 0 0 0 0 SW4 0 0 0 0 W3		-		-		2
CH47F 0 0 0 0 SW4 0 0 0 W3		0		0		0
CH47F 0 0 0 0 SW4 0 0 0 W3		0		1		3
w3 <u>0</u> <u>0</u> <u>0</u>		0	0	0		0
w3 <u>0</u> <u>0</u> <u>0</u> <u>0</u>	SW4	0	0	0		0
		n	n	0		0
	Total Units	19	3 <u>8</u>	2 <u>~</u>	0	<u>s</u> 84
						\$789,900,000

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	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>		41
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>		0
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0

Grand Total Civil Aircraft Shipments ⁶	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 Total Units	<u>0</u>	<u>0</u> 0	<u>0</u> 0	0	<u>o</u> o
Bell H-1 V22 Total Units	5 <u>3</u> 8	6 <u>0</u> 6	7 <u>7</u> 14	0	18 <u>10</u> 28
NHIndustries 10 NH90 Total Units	<u>2</u> 2	777	<u>9</u>	0	<u>18</u> 18
Sikorsky Aircraft Corporation Blackhawk Seahawk CH-53K Total Units	16 0 <u>0</u> 16	0 <u>0</u>	22 0 <u>0</u> 22	0	65 0 <u>0</u> 65
Textron Aviation Beechcraft Corporation T-6 A/B/C Total Units	<u>2</u> 2	<u>0</u> 0	<u>2</u> 2	0	<u>4</u> 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.