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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

2018 Third Quarter

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

Tail of air Companies Syllypo Managed a Trongmas						
	QI	QII	QIII	QIV	Year-To-Date	
Single-Engine Piston	162	255	236	0	653	
Multi-Engine Piston	<u>38</u>	<u>43</u>	<u>50</u>	<u>0</u>	<u>131</u>	
Total Piston Airplanes	200	298	286	0	784	
Single-Engine Turboprops	95	125	113	0	333	
Multi-Engine Turboprops	<u>20</u>	<u>23</u>	<u>19</u>	<u>0</u>	<u>62</u>	
Total Turboprop Airplanes	115	148	132	0	395	
Business Jets	<u>132</u>	<u>164</u>	<u>150</u>	<u>0</u>	<u>446</u>	
Total Turbine Airplanes	247	312	282	0	841	
Grand Total Airplane Shipments	447	610	568	0	1,625	
Grand Total Airplane Billings	\$3,832,535,892	\$4,752,666,129	\$4,124,953,455	\$0	\$12,710,155,475	
Piston Helicopters	77	72	71	0	220	
Turbine Helicopters	138	207	165	0	510	
Grand Total Helicopter Shipments	215	279	236	0	730	
Grand Total Helicopter Billings	\$675,717,741	\$984,011,850	\$966,219,115	\$0	\$2,625,948,706	

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

Туре	QI	QII	QIII	QIV	Year-To-Date
Single-Engine Piston	126	197	198	0	521
Multi-Engine Piston	<u>6</u>	<u>17</u>	<u>13</u>	<u>0</u>	<u>36</u>
Total Piston Airplanes	132	214	211	0	557
Single-Engine Turboprops	73	88	78	0	239
Multi-Engine Turboprops	<u>17</u>	<u>23</u>	<u>19</u>	<u>0</u>	<u>59</u>
Total Turboprop Airplanes	90	111	97	0	298
Business Jets	93	<u>103</u>	<u>108</u>	<u>0</u>	<u>304</u>
Total Turbine Airplanes	183	214	205	0	602
Grand Total	315	428	416	0	1,159

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

2 p								
Type	QI	QII	QIII	QIV	Year-To-Date			
Single-Engine Piston	61	78	62	0	201			
Multi-Engine Piston	<u>32</u>	<u>26</u>	<u>37</u>	<u>0</u>	<u>95</u>			
Total Piston Airplanes	93		99	0	296			
Single-Engine Turboprops	10	16	18	0	44			
Multi-Engine Turboprops	3	<u>0</u>	<u>0</u>	<u>0</u>	<u>3</u>			
Total Turboprop Airplanes	13	16	18	0	47			
Business Jets	2	<u>16</u>	<u>6</u>	<u>0</u>	<u>24</u>			
Total Turbine Airplanes	15		24	0	71			
Grand Total	108	136	123	0	367			

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

	7 in plane of the principle of the plane is a significant of the significant of the plane is a significant of the significant				
	QI	QII	QIII	QIV	Year-To-Date
North America	343	460	443	0	1,246
South America	2	5	3	0	10
Europe	92	130	108	0	330
Rest of World	10	15	14	0	39
Grand Total	447	610	568	0	1,625

<u> </u>	ane Snipments		nutactured vvoridw		VTD
Make and Model	QI	QII	QIII	QIV	YTD
Airbus Corporate Jets ⁷					
ACJ318	0	0	0		0
ACJ319	0	0	0		0
ACJ320	0	0	0		0
ACJ321	0	0	0		
ACJ330	0	0	-		
Total Units	<u> </u>	<u>0</u>	<u>0</u> 0	•	0
	0	-	_	0	_
Total Billings ⁷	\$0	\$0	\$0	\$0	\$0
Air Tractor ⁴					
AT-401B	0	0	0		0
AT-402A	2	1	2		5
AT-402B	5	6	4		15
AT-502A	8	5	4		17
AT-502B	6	3	8		17
AT-504	0	0	0		0
	0	0	_		_
AT-602	2	4	0		6
AT-802	1	1	0		2
AT-802A	8	9	5		22
AT-802AF	3	2	0		5
AT-802F	<u>0</u>	<u>2</u>	<u>0</u>		<u>2</u>
Total Units	35	33	23	0	91
Total Billings	\$17,833,870	\$17,703,661	\$10,957,344	\$0	\$46,494,875
American Champion Aircraft					
7EC Champ	0	0	0		0
7ECA Citabria Aurora	0	0	1		1
	0	-	1		,
7GCAA Citabria Adventure	1	0	0]
7GCBC Citabria Explorer	0	0	1		1
8GCBC Scout	2	0	2		4
8KCAB Super Decathlon	0	2	1		3
8KCAB Xtreme Decathlon	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	3	2	5	0	10
Total Billings	\$662,300	\$501,800	\$1,098,800	\$0	\$2,262,900
AVIC General					
Y5B	0	2	1		3
LE500	0	0	3		3
A2C	0	0	3		4
	J.	2	2		4
Y12 Series	0	<u>0</u>	0		<u> </u>
Total Units	0	4	6	0	10
Total Billings	\$0	\$1,614,350	\$2,167,630	\$0	\$3,781,980
Boeing Business Jets ⁷					
BBJ	2	0	0		2
BBJ MAX 7	0	0	0		0
BBJ MAX 8	0	0	1		1
BBJ MAX 9	0	0	0		i 'n
B737-800	0	0	0		
B777-300ER	_	0	0		
	2	-			
B787-8	0	0	0		0
B787-9	0	0	0		0
B747-8	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total Units	4	0	1	0	5
Total Billings ⁷	\$120,000,000	\$0	\$80,000,000	\$0	\$200,000,000
Bombardier	-	·		·	
Learjet 70 / 75	2	2	А		0
	3	2	4		40
Challenger 350	12	14	14		40
Challenger 650	6	6	6		18
Global 5000 / 6000	10	12	7		29
	_				
CL850 / 870 / 890	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
	_		<u>0</u> 31	0	<u>0</u> 96

-	lane Shipments		nufactured Worldw		VTD
Make and Model	QI	QII	QIII	QIV	YTD
Cirrus Aircraft					
SR20	20	26	9		55
SR22	21	29	41		91
SR22T	33	43	40		116
SF50	10	15	<u>16</u>		41
Total Units	84	113	106	0	303
	_	_		\$0	\$288,845,095
Total Billings	\$77,729,677	\$106,281,903	\$104,833,515	\$0	⊅∠ŏŏ,ŏ45,U95
CubCrafters ⁶					
CC11-100 Sport Cub S2	0	0	0		0
CC11-160 Carbon Cub SS	1	0	0		1
CC18-180 Top Cub	0	1	3		4
CC19-180 XCub	2	1	5		8
Total Units	<u> </u>	<u> </u>	<u>≥</u> 8	0	13
	6044.240	£024.44C	_	\$0	
Total Billings	\$914,310	\$634,116	\$1,599,939	\$0	\$3,148,365
DAHER					
SOCATA TBM 910	6	7	8		21
SOCATA TBM 930	2	7	<u>3</u>		<u>12</u>
Total Units	8	1 <u>+</u> 14	11	0	33
Total Billings	\$32,450,000	\$57,660,000	\$44,690,000	\$0	\$134,800,000
	\$32,430,000	φυ1,000,000	φ -14 ,030,000	φu	φ134,000,000
Dassault Aviation ^{5, 8}					
2000S / 2000LXS / 900LX / 7X / 8X	/ /	<u>15</u>			<u>15</u>
Total Units	/	15		0	15
Total Billings		\$575,000,000		\$0	\$575,000,000
Diamond Aircraft ^{5, 6}		, ,		·	, , ,
		0	•		•
HK-36	0	0	0		0
DA20 (All)	0	2	1		3
DA40 (All)	11	12	8		31
DA42 (All)	17	5	14		36
DA62 ` ´	3	<u>8</u>	<u>15</u>		<u>26</u>
Total Units	31	27	38	0	96
Total Billings	\$21,044,400	\$18,362,200	\$30,603,400	\$0	\$70,010,000
	¥=1,077,700	ψ.5,002,200	400,000,400	ΨΟ	ψ1 0,0 10,000
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					
Phenom 100	3	3	2		٥
	-	3			8
Phenom 300	5	12	15		32 9
Legacy 450	2	4	3		
Legacy 500	1	0	2		3
Legacy 600 / 650	0	1	2		3
Lineage 1000 / E190 Head of State	0	0	0		0
Shuttles (ERJs and E-Jets)	0	0	0		0
Total Units	11	20	24	0	<u>-</u> 55
		ZUI		•	•
LLOID DIIIIOS	\$113 870 000			¢n.	\$633 725 000
Total Billings	\$113,870,000	\$221,915,000	\$297,940,000	\$0	\$633,725,000
Extra Aircraft		\$221,915,000	\$297,940,000	\$0	
Extra Aircraft EA300	<u>6</u>	\$221,915,000 <u>6</u>	\$297,940,000 5		17
Extra Aircraft EA300 Total Units		\$221,915,000	\$297,940,000	\$0 0	
Extra Aircraft EA300 Total Units	<u>6</u> 6	\$221,915,000 <u>6</u> 6	\$297,940,000 5		<u>17</u>
Extra Aircraft EA300 Total Units Total Billings	<u>6</u>	\$221,915,000 <u>6</u>	\$297,940,000 <u>5</u> 5	0	17
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶	6 6 \$2,214,000	\$221,915,000 <u>6</u> 6 \$2,214,000	\$297,940,000 <u>5</u> 5 \$1,845,000	0	17 17 \$6,273,000
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series	<u>6</u> 6 6 \$2,214,000 <u>8</u>	\$221,915,000 <u>6</u> 6 \$2,214,000	\$297,940,000 <u>5</u> 5 \$1,845,000	0 \$0	17 17 \$6,273,000
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units	6 6 \$2,214,000 8 8	\$221,915,000 6 6 \$2,214,000 10	\$297,940,000 <u>5</u> 5 \$1,845,000 <u>11</u> 11	0 \$0	17 17 \$6,273,000 29 29
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings	<u>6</u> 6 6 \$2,214,000 <u>8</u>	\$221,915,000 <u>6</u> 6 \$2,214,000	\$297,940,000 <u>5</u> 5 \$1,845,000	0 \$0	17 17 \$6,273,000 29 29
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings	6 6 \$2,214,000 8 8	\$221,915,000 6 6 \$2,214,000 10	\$297,940,000 <u>5</u> 5 \$1,845,000 <u>11</u> 11	0 \$0	17 17 \$6,273,000 29 29
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. ⁵	6 6 \$2,214,000 8 8	\$221,915,000 6 6 \$2,214,000 10 \$1,402,500	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300	0 \$0	17 17 \$6,273,000 29 29 \$4,156,800
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5 Gulfstream 280	6 6 \$2,214,000 8 8 \$1,146,000	\$221,915,000 6 6 \$2,214,000 10 \$1,402,500	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300	0 \$0	17 17 \$6,273,000 29 29 \$4,156,800
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5 Gulfstream 450 / 550 / 650 / 650ER	6 6 \$2,214,000 8 8 \$1,146,000	\$221,915,000 6 6 \$2,214,000 10 \$1,402,500 8 18	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300 6 21	0 \$0 0 \$0	17 17 \$6,273,000 29 29 \$4,156,800
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5 Gulfstream 450 / 550 / 650 / 650ER Total Units	6 6 \$2,214,000 8 8 \$1,146,000 7 19 26	\$221,915,000 6 6 \$2,214,000 10 \$1,402,500 8 18 26	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300 6 21 27	0 \$0 0 \$0	17 17 \$6,273,000 29 29 \$4,156,800 21 58 79
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. ⁵ Gulfstream 450 / 550 / 650 / 650ER Total Units Total Billings	6 6 \$2,214,000 8 8 \$1,146,000	\$221,915,000 6 6 \$2,214,000 10 \$1,402,500 8 18	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300 6 21	0 \$0 0 \$0	17 17 \$6,273,000 29 29 \$4,156,800 21 58 79
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. 5 Gulfstream 450 / 550 / 650 / 650ER Total Units	6 6 \$2,214,000 8 8 \$1,146,000 7 19 26	\$221,915,000 6 6 \$2,214,000 10 \$1,402,500 8 18 26	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300 6 21 27	0 \$0 0 \$0	17 17 \$6,273,000 29 29 \$4,156,800
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. ⁵ Gulfstream 450 / 550 / 650 / 650ER Total Units Total Billings	6 6 \$2,214,000 8 8 \$1,146,000 7 19 26 \$1,437,400,000	\$221,915,000 \[\frac{6}{6}	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300 6 21 27	0 \$0 0 \$0	17 17 \$6,273,000 29 \$4,156,800 21 58 79 \$4,357,450,000
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. ⁵ Gulfstream 450 / 550 / 650 / 650ER Total Units Total Billings Honda Aircraft Company ⁵ HA-420 HondaJet	6 6 \$2,214,000 8 8 \$1,146,000 7 19 26 \$1,437,400,000	\$221,915,000 6 6 \$2,214,000 10 \$1,402,500 8 18 26	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300 6 21 27	0 \$0 0 \$0	17 17 \$6,273,000 29 \$4,156,800 21 58 79 \$4,357,450,000
Extra Aircraft EA300 Total Units Total Billings Flight Design GmbH ⁶ ASTM CT Series Total Units Total Billings Gulfstream Aerospace Corp. ⁵ Gulfstream 450 / 550 / 650 / 650ER Total Units Total Billings Honda Aircraft Company ⁵	6 6 \$2,214,000 8 8 \$1,146,000 7 19 26 \$1,437,400,000	\$221,915,000 \[\frac{6}{6} \] \$2,214,000 \[\frac{10}{10} \] \$1,402,500 \[\frac{18}{26} \] \$1,376,450,000	\$297,940,000 5 5 \$1,845,000 11 11 \$1,608,300 6 21 27	0 \$0 0 \$0	17 17 \$6,273,000 29 \$4,156,800 21 58 79 \$4,357,450,000

Make and Model	QI		QIII	QIV	YTD
	QI	QII	QIII	QIV	עוז
ICON Aircraft					
A5	<u>4</u>	<u>1</u>	<u>12</u>		<u>17</u>
Total Units	4	1	12	0	17
Total Billings	n/a	n/a	n/a	n/a	n/a
Mahindra Aerospace ⁵					
Airvan 8	1	2	1		4
Total Units		2	<u> </u>	0	<u> </u>
Total Billings	\$958,854	£4 047 700	\$958,854	\$0	\$3,835,416
	\$950,054	\$1,917,708	\$950,054	φu	\$3,035,416
Maule Air, Inc. ¹²					
MX-7-180C					n/a
M-7-235C					n/a
M-7-260C					<u>n/a</u>
Total Units	0	0	0	0	0
Total Billings	\$0	\$0	\$0	\$0	\$0
Mooney International Corp.					
M20U Ovation Ultra	4	2	2		5
M20V Acclaim Ultra		2	۷		J
Total Units	3	<u> </u>	<u> </u>	^	4
	40.000.000	24 450 400	3	0	9
Total Billings	\$3,069,200	\$1,453,400	\$2,208,800	\$0	\$6,731,400
ONE Aviation Corp.5					
Eclipse 550	<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.		, -	, -	, -	
PAC 750XL	2	၁	၁		o
Total Units	<u>≤</u>	<u>3</u>	<u>3</u>	0	<u>0</u>
	64.400.000	\$0.450.000	\$0.450.000	0	0 000 000
Total Billings	\$4,100,000	\$6,150,000	\$6,150,000	\$0	\$16,400,000
Piaggio Aerospace					
P.180 Avanti Evo	<u>3</u>	<u>0</u>	<u>0</u>		<u>3</u>
Total Units	3	0	0	0	3
Total Billings	\$23,800,000	\$0	\$0	\$0	\$23,800,000
Pilatus ¹³					
PC-6	0	1	1		2
PC-12	12	19	20		51
PC-24	12	19	_		0
Total Units	14	2 <mark>1</mark>	<u>6</u> 27	0	6 <u>9</u>
Total Billings	\$78,808,000	\$106,366,000	\$158,589,000	\$0	\$343,763,000
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Piper Aircraft, Inc.					
PA-28-161 Warrior III	0	0	0		0
PA-28-181 Archer III	16	22	34		72
PA-28R-201 Arrow	1	2	2		5
PA-34-220T Seneca V	0	0	0		0
PA-44-180 Seminole	5	10	9		24
PA-46-350P M350	2	6	5		13
PA-46-500TP M500	3	5	6		14
PA-46-600TP M600	7	8	9		
Total Units	34	53	6 <u>5</u>	0	<u>24</u> 152
Total Billings	\$41,379,227	\$62,355,257	\$69,578,185	\$0	\$173,312,669
Pipistrel Aircraft		, ,	, ,	, -	
				1	
	2	4	4		
Virus SW 121	3	4	4	•	
Virus SW 121 Total Units	3 3	4 4	4 4	0	11
Virus SW 121 Total Units Total Billings	<u>3</u> 3 n/a	<u>4</u> 4 n/a	<u>4</u> 4 n/a	0 n/a	11
Virus SW 121 Total Units Total Billings Quest Aircraft Company	_	<u>4</u> 4 n/a	-		11 n/a
Virus SW 121 Total Units Total Billings Quest Aircraft Company Kodiak 100	_	<u>7</u>	n/a 6		11 n/a 20
Virus SW 121 Total Units Total Billings Quest Aircraft Company	_	4 4 n/a 7 7 7 \$16,363,923	n/a		11 11 n/a 20 20 \$47,071,183

Make and Model	QI	QII	QIII	QIV	YTD
TECNAM Aircraft ⁶	Q.		Q.III	Q, V	110
ASTM - LSA	10	1.1	10		50
	18	14	18		50
P2002JF	3	6	4		13
P92JS	3	0	0		3
P2002JR	0	0	0		0
P2008JC	3	18	8		29 33
P2006T	12	13	8		
P2010P Twenty Ten	6	<u>6</u> 57	<u>3</u>		<u>15</u>
Total Units Total Billings	45	-	41 \$40,452,722	0 \$0	143
	\$12,804,411	\$15,556,542	\$10,153,732	\$0	\$38,514,685
Textron Aviation ^{4, 5}					
Beechcraft Corporation					
Bonanza G36	1	2	5		8
Baron G58	1	7	4		12
King Air C90GTx	1	2	5		8
King Air 250	6	6	4		16
King Air 350i / ER	<u>10</u>	<u>15</u>	<u>10</u>		<u>35</u>
Total Units	19	32	28	0	79
Total Billings (Beechcraft - Total)	\$122,517,000	\$175,188,000	\$132,857,000	\$0	
Cessna Aircraft Company					
CE-172S Skyhawk SP	13	41	30		84
CE-182T Skylane	1	10	9		20
CE-T206H Turbo Stationair	6	8	6		20
CE-240 TTx	1	0	0		1
CE-208 Caravan 675	2	4	3		9
CE-208B Grand Caravan EX	10	20	21		51
CE-525 Citation M2	6	10	6		22
CE-525B Citation CJ3+	7	10	9		26
CE-525C Citation CJ4	6	7	8		21
CE-560 Citation XLS+	4	4	4		12
CE-680 Citation Sovereign+	0	5	1		6
CE-680A Citation Latitude	12	12	13		37
CE-750 Citation X+	1	<u>0</u>	<u>0</u>	_	1
Total Units	69	131	110	0	310
Total Billings (Cessna - Total)	\$456,667,000	\$620,754,000	\$542,595,000	\$0	
Total Billings (Combined)	\$579,184,000	\$795,942,000	\$675,452,000	\$0	\$2,050,578,000
Thrush Aircraft, Inc.					
S2R-T34	4	3	4		11
S2RHG-T65	0	0	1		1
S2R-T660	1	2	3		6
S2R-G10	0	0	0		0
S2R-H80	4	<u>6</u>	<u>2</u>		<u>12</u>
Total Units	9	11	10	0	30
Total Billings	\$8,525,738	\$10,427,992	\$10,061,601	\$0	\$29,015,331
WACO Aircraft Company					
2T-1A-2	0	1	0		1
YMF-5D	<u>2</u>	<u>1</u>	<u>1</u>		4
Total Units	2	2	1	0	5
Total Billings	\$1,215,000	\$893,777	\$627,000	\$0	\$2,735,777

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

	QI	QII	QIII	QIV	YTD
Make and Model	Qi	QII	QIII	QIV	YIU
Airbus Helicopters 5, 9, 10					
H120	0	0	0		0
AS350 B2	Ö	0	0		0
		-			-
H125/H125M	24	46	16		86
H130	1	4	9		14
AS355 NP / ASS555AP	0	0	0		0
H135 / H135M	9	11	9		29
H145 / H145M	11	17	25		53
AS365 N3+ / AS565 Mbe	0	2	0		2
H155	0	0	0		0
H175	0	1	6		7
	_	1			,
H215 / H215M	0	0	0		0
H225 / H225M	1	0	3		4
TIGER	3	<u>2</u>	2		7
Total Units	49	83	70	0	202
Total Billings	\$207,700,000	\$341,200,000	\$432,300,000	\$0	
	\$207,700,000	\$341,200,000	\$432,300,000	ψU	\$981,200,000
Bell ⁵					
505	25	34	32		91
					31
206L-4	0	1	0		1
407	1	0	0		1
407GXP	17	16	2		35
429	3	5	6		14
	-				
429WLG	0	0	0		0
412EP	0	1	0		1
412EPI	0	0	3		3
Huey II	0	0	0		0
	_	5 7	43	^	-
Total Units	46	_		0	146
Total Billings	\$124,000,000	\$151,000,000	\$145,000,000	\$0	\$420,000,000
Enstrom Helicopter Corp. 4, 5					
F28F		0	0		0
	0	0	0		0
280FX	0	4	5		9
480B-G	1	2	2		5
Total Units	1	6	7	0	14
Total Billings	\$1,400,000	\$6,024,540	\$6,924,040	\$0	\$14,348, 5 80
	ψ1,400,000	Ψ0,024,040	ψο,σΣ-τ,σ-το	Ψ	ψ14,040,000
Hélicoptères Guimbal					
Cabri G2	7	<u>5</u>	<u>8</u>		<u>20</u>
Total Units	7	5	8	0	20
Total Billings		-	•	•	
			¢2 450 075	¢0	¢7 049 426
	\$2,954,741	\$1,805,310	\$3,158,075	\$0	\$7,918,126
	\$2,954,741	\$1,805,310	\$3,158,075	\$0	\$7,918,126
Leonardo Helicopters 5, 9, 10, 11	\$2,954,741			\$0	
Leonardo Helicopters 5, 9, 10, 11 AW119Kx	4	5	2	\$0	11
Leonardo Helicopters ^{5, 9, 10, 11} AW119Kx AW109 Power	\$2,954,741 4 0	5 0	2 0	\$0	11 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker	4 0 1	5 0 4	2 0 5	\$0	11 0 10
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew	4	5 0	2 0 5 2	\$0	11 0 10
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew	4 0 1	5 0 4 4	2 0 5 2	\$0	11 0 10 9
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139	4 0 1 3 11	5 0 4 4 17	2 0 5 2 16	\$0	11 0 10 9 44
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169	4 0 1 3 11 3	5 0 4 4 17 11	2 0 5 2 16 4	\$0	11 0 10 9 44 18
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149	4 0 1 3 11 3 2	5 0 4 4 17 11 0	2 0 5 2 16 4 1	\$0	11 0 10 9 44 18 3
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189	4 0 1 3 11 3	5 0 4 4 17 11	2 0 5 2 16 4 1	\$0	11 0 10 9 44 18
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189	4 0 1 3 11 3 2	5 0 4 4 17 11 0	2 0 5 2 16 4	\$0	11 0 10 9 44 18 3 10
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159	4 0 1 3 11 3 2 4	5 0 4 4 17 11 0 4	2 0 5 2 16 4 1 2	\$0	11 0 10 9 44 18 3 10 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX	4 0 1 3 11 3 2 4 0	5 0 4 4 17 11 0 4 0	2 0 5 2 16 4 1 2 0	\$0	11 0 10 9 44 18 3 10 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 AW159 SUPER LYNX T129	4 0 1 3 11 3 2 4	5 0 4 4 17 11 0 4 0 0	2 0 5 2 16 4 1 2	\$0	11 0 10 9 44 18 3 10 0 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 AW159 SUPER LYNX T129 AW101	4 0 1 3 11 3 2 4 0	5 0 4 4 17 11 0 4 0	2 0 5 2 16 4 1 2 0	\$0	11 0 10 9 44 18 3 10 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 AW189 AW159 SUPER LYNX T129	4 0 1 3 11 3 2 4 0	5 0 4 4 17 11 0 4 0 0	2 0 5 2 16 4 1 2 0	\$0	11 0 10 9 44 18 3 10 0 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 AW159 SUPER LYNX T129 AW101 CH47F	4 0 1 3 11 3 2 4 0 0 0	5 0 4 4 17 11 0 4 0 0	2 0 5 2 16 4 1 2 0 0 0	\$0	11 0 10 9 44 18 3 10 0 0 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 SUPER LYNX T129 AW101 CH47F SW4	4 0 1 3 11 3 2 4 0 0 0 1	5 0 4 4 17 11 0 4 0 0 0	2 0 5 2 16 4 1 2 0 0 0 1	\$0	11 0 10 9 44 18 3 10 0 0 0 2 1
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3	4 0 1 3 111 3 2 4 0 0 0 0 1	5 0 4 4 17 11 0 4 0 0 0 0	2 0 5 2 16 4 1 2 0 0 0 0 0		11 0 10 9 44 18 3 10 0 0 2 1
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units	4 0 1 3 11 3 2 4 0 0 0 0 0 0 0 0	5 0 4 4 17 11 0 4 0 0 0 0 1	2 0 5 2 16 4 1 2 0 0 0 0 0 0 3 3	0	11 0 10 9 44 18 3 10 0 0 0 2 1 0 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3	4 0 1 3 111 3 2 4 0 0 0 0 1	5 0 4 4 17 11 0 4 0 0 0 0	2 0 5 2 16 4 1 2 0 0 0 0 0		11 0 10 9 44 18 3 10 0 0 0 2 1
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW149 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings	4 0 1 3 11 3 2 4 0 0 0 0 1 0 0 0 2 2 29 \$269,700,000	5 0 4 4 17 11 0 4 0 0 0 0 1	2 0 5 2 16 4 1 2 0 0 0 0 0 0 3 3	0	11 0 10 9 44 18 3 10 0 0 2 1 0 0
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company	4 0 1 3 11 3 2 4 0 0 0 0 1 0 0 2 29 \$269,700,000	5 0 4 4 17 11 0 4 0 0 0 1 0 0 4 4 46 \$438,100,000	2 0 5 2 16 4 1 2 0 0 0 1 0 0 3 3 33 \$311,300,000	0	11 0 10 9 44 18 3 10 0 0 2 1 1 0 108 \$1,019,100,000
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company	4 0 1 3 11 3 2 4 0 0 0 0 1 0 0 0 2 2 29 \$269,700,000	5 0 4 4 17 11 0 4 0 0 0 0 1 0 4 4 8 438,100,000	2 0 5 2 16 4 1 2 0 0 0 0 1 0 0 0 3 3 \$311,300,000	0	11 0 10 9 44 18 3 10 0 0 2 1 1 0 108 \$1,019,100,000
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company	4 0 1 3 11 3 2 4 0 0 0 0 1 0 0 2 29 \$269,700,000	5 0 4 4 17 11 0 4 0 0 0 1 0 0 4 4 46 \$438,100,000	2 0 5 2 16 4 1 2 0 0 0 1 0 0 3 3 33 \$311,300,000	0	11 0 10 9 44 18 3 10 0 0 2 1 1 0 108 \$1,019,100,000
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company R22 Beta II R44 Cadet	4 0 1 3 11 3 2 4 0 0 0 0 1 0 0 2 29 \$269,700,000	5 0 4 4 17 11 0 4 0 0 0 0 1 0 4 4 5 6 \$438,100,000	2 0 5 2 16 4 1 2 0 0 0 0 1 0 0 0 3 3 \$311,300,000	0	11 0 10 9 44 18 3 10 0 0 2 1 1 0 0 108 \$1,019,100,000
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company R22 Beta II R44 Cadet R44 Raven I	4 0 1 3 11 3 2 4 0 0 0 0 0 0 0 2 29 \$269,700,000	5 0 4 4 17 11 0 4 0 0 0 0 0 46 \$438,100,000	2 0 5 2 16 4 1 2 0 0 0 0 0 0 33 \$311,300,000	0	11 0 10 9 44 18 3 10 0 0 2 1 1 0 108 \$1,019,100,000
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company R22 Beta II R44 Cadet R44 Raven I R44 Raven II	4 0 1 3 11 3 2 4 0 0 0 0 0 0 0 2 29 \$269,700,000	5 0 4 4 17 11 0 4 0 0 0 0 0 46 \$438,100,000	2 0 5 2 16 4 1 2 0 0 0 0 0 0 33 \$311,300,000	0	11 0 10 9 44 18 3 10 0 0 0 2 1 1 0 0 108 \$1,019,100,000
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company R22 Beta II R44 Cadet R44 Raven I R44 Raven II R66	4 0 1 3 11 3 2 4 0 0 0 0 0 0 2 29 \$269,700,000 5	5 0 4 4 17 11 0 4 0 0 0 0 46 \$438,100,000	2 0 5 2 16 4 1 2 0 0 0 0 0 33 \$311,300,000 6 5 13 34 20	O \$0	11 0 10 9 44 18 3 10 0 0 2 1 1 0 0 9 108 \$1,019,100,000
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company R22 Beta II R44 Cadet R44 Raven I R44 Raven II R66 Total Units	4 0 1 3 11 3 2 4 0 0 0 0 0 0 0 2 29 \$269,700,000	5 0 4 4 17 11 0 4 0 0 0 0 0 46 \$438,100,000	2 0 5 2 16 4 1 2 0 0 0 0 0 0 33 \$311,300,000	0 \$0	11 0 10 9 44 18 3 10 0 0 0 2 1 1 0 0 108 \$1,019,100,000
Leonardo Helicopters 5, 9, 10, 11 AW119Kx AW109 Power AW109 Trekker AW109 GrandNew AW139 AW169 AW149 AW189 AW159 SUPER LYNX T129 AW101 CH47F SW4 W3 Total Units Total Billings Robinson Helicopter Company R22 Beta II R44 Cadet R44 Raven I R44 Raven II R66	4 0 1 3 11 3 2 4 0 0 0 0 0 0 2 29 \$269,700,000 5	5 0 4 4 17 11 0 4 0 0 0 0 46 \$438,100,000 10 2 19 32 22 85	2 0 5 2 16 4 1 2 0 0 0 0 0 33 \$311,300,000 6 5 13 34 20	O \$0	11 0 10 9 44 18 3 10 0 0 2 1 1 0 0 9 108 \$1,019,100,000

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

Make and Model	QI	QII	QIII	QIV	YTD
Sikorsky Aircraft Corporation 4, 5					
S-76	0	0	0		0
S-92	<u>1</u>	<u>0</u>	<u>1</u>		<u>2</u>
Total Units	1	0	1	0	2
Total Billings	\$25,000,000	\$0	\$25,000,000	\$0	\$50,000,000

Grand Total Civil Aircraft Shipments ⁶	699	919	851	0	2,469
Grand Total Aircraft Billings	\$4,508,253,633	\$5,736,677,979	\$5,091,172,570	\$0	\$15,336,104,181

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> 0	<u>0</u> 0	<u>0</u> 0	0	<u>o</u> o
Bell H-1 V22 Total Units	6 <u>3</u> 9	11 <u>6</u> 17	9 <u>5</u> 14	0	26 <u>14</u> 40
NHIndustries 10 NH90 Total Units	<u>5</u> 5	<u>6</u> 6	<u>8</u> 8	0	<u>19</u> 19
Sikorsky Aircraft Corporation Blackhawk Seahawk CH-53K Total Units	16 2 0 18	24 4 <u>1</u> 29	30 2 <u>0</u> 32	0	70 8 <u>1</u> 79
Textron Aviation <u>Beechcraft Corporation</u> T-6 A/B/C Total Units	<u>2</u> 2	777	<u>5</u> 5	0	<u>14</u> 14

Foot Notes:

- 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 deliveries 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 2017.
- 6. AVIC General A2C, CubCrafters CC11, Diamond Aircraft HK36 Motor Glider, 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 kits in Q1, six T129 kits and one AW139 kit in Q2, and three T129 kits in Q3.
- 12. Maule Air data was not available at time of publication.
- 13. Two additional PC-24 have been shipped to a completion center for extended modification.