

PACIFIC AEROSPACE

FBA-2C3 EQUIPMENT LIST

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DATE: 30.01.2020	A/C S/N: 314	PROJECT: SFC005439
A/C Type: FBA-2C3	REG: N59BC	ENG S/N: L-575-79E

ATA Chp.	DESCRIPTION	PART NUMBER	WEIGHT (lbs)	ARM (in)	MOMENT (lbs-in)	INSTALLED	SERIAL NO. 314
22	S-TEC 55X Autopilot						
	Roll Servo	0106-15-R9	2.9	35.0	101.5	Yes	00106-1916-00003BCEFHJ
	Pitch Servo	0108-1-P2	2.9	46.0	133.4	Yes	00108-1916-00002CDEFGJK
	Pitch Trim Servo	0106-(-)-T (-)	2.9	189.0	548.1	N/A	N/A
22	Flight Computer	01192-34-5T	2.7	-4.0	-10.8	Yes	01192-1916-0000
	Pressure Transducer	0111	0.2	-10.0	-2.0	Yes	1838-00044AA
	Main wire Harness	L2167	2.1	20.0	42.0	Yes	N/A
	A/P Switch & Indicator Harness	L2174	0.2	-2.0	-0.4	Yes	N/A
	Rudder Trim Servo	T2-7A	0.25	211	52.75	Yes	071165
	Rudder Trim Computer	0121-(-)				N/A	N/A
23	GTN 750 Navigator (1)						
	Main Unit (LRU)	Unit P/N 011-02282-00 Cat P/N 010-00820-00	7.4	-5.0	-37.0	Yes	1ZA025617
	Rack & Backplate	115-01293-00 011-02245-02	1.9	-5.0	-9.5	Yes	N/A

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		ENG S/N: L-575-79E

ATA Chp.	DESCRIPTION	PART NUMBER	WEIGHT (lbs)	ARM (in)	MOMENT (lbs-in)	INSTALLED	SERIAL NO. 314
23	GTN 750 Navigator (2)						
	Main Unit (LRU)	Unit P/N 011-02282-00 Cat P/N 010-00820-00	7.4	-5.0	-37.0	Yes	1ZA025643
	Rack & Backplate	115-01293-00 011-02245-02	1.9	-5.0	-9.5	Yes	N/A
23	Comm, GPS & VOR Antennae						
	VOR/ILS/GS Antenna (Comant CI-159C or equivalent)	CI-159C	0.4	194.6	68.1	Yes	577627
	Com#1 Antenna (Comant CI-121 or equivalent)	CI-121	0.5	28.9	14.5	Yes	588012
	Com#2 Antenna (Comant CI-121 or equivalent)	CI-121	0.5	28.9	14.5	Yes	588013
	GPS#1 Antenna (GA 36)	013-00244-00	0.5	69.0	32.4	Yes	19354
23	GMA 35 Remote Audio panel						
	Main Unit (LRU)	Unit P/N 010-00831-00	1.4	-5.0	-7.0	Yes	IT6008115
	Rack & Backplate	011-02645-00 011-02300-00	0.8	-5.0	-4.0	Yes	N/A
23	GDL-69 and GDL Data Links						
	GDL 69A Main Unit (LRU under flight panel)	Unit P/N 011-00987-00	1.89	-9.0	-16.7	Yes	47764196

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23	Modular Rack & backplate (under flight panel)	115-00411-00 011-00769-35	0.74	-9	-6.7	Yes	N/A
23	Ga 37 GPS/XM Antenna	013-00245-00	0.50	69.0	34.5	Yes	15288
23	Splitter (Garmin)	013-00112-00	0.15	-5.0	-0.8	Yes	BN192201816
23	Glareshield GPS Antenna	010-12444-00	0.2	-19	-3.8	Yes	4J9001768
23	Static Wicks						
	Ailerons	D/G16165	0.05	40.0	1.8	Yes	
	Elevator	D/G16165	0.05	227.0	10.4	Yes	
	Rudder	D/G16165	0.02	213.0	4.9	Yes	
24	Alternator, Textron 70A	32C19553	13.0	-53.9	-700.7	Yes	H-T030065
24	Voltage regulator, (Electrosystems)	VR 515GA	0.5	-8.9	-4.5	Yes	H-M072106
24	Battery (Concord)	RG24-15M	29.5	-24.2	-713.9	Yes	40858903
24	24VDC to 12 VDC Converter (Astron)	N2412-12	1.6	-6.6	-10.6	Yes	2011030147
24	Avionics Relay	6041H201	0.5	-4.9	-2.5	Yes	N/A
25	Crew seat, High back (Height adjustable) Leather-Port	N329	19.7	23.0	453.1	Yes	086527001
	Crew seat, High back (Height adjustable) Leather-Stb.	N329	19.7	23.0	453.1	Yes	086527002

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		ENG S/N: L-575-79E

ATA Chp.	DESCRIPTION	PART NUMBER	WEIGHT (lbs)	ARM (in)	MOMENT (lbs-in)	INSTALLED	SERIAL NO. 314
25	Rear seat, Leather - Port	N141	13.5	64.0	864.0	Yes	2014158
	Rear seat, Leather - Center	N141	13.5	64.0	864.0	Yes	2014159
	Rear seat, Leather - Stb.	N141	13.5	64.0	864.0	Yes	2014160
25	4-Point Harness Crew Seat Harness (Co-Pilot)	H35	2.0	23.0	46.0	Yes	N/A
25	5-Point Inertia Reel Crew Seat Harnesses (Pilot)	H33	3.5	23.0	80.5	Yes	N/A
25	Interior	H2500	N/A	N/A	N/A	Yes	N/A
25	Loncoin Flooring Installation						
	Crew Floor	H2251	5.7	9.0	51.3	N/A	N/A
	Passenger Floor	H2253	7.1	54.0	3.0	N/A	N/A
	Baggage Floor	H2255	4.8	94.0	451.2	N/A	N/A
26	Fire Extinguisher (H3R)	RT A600	1.6	-3.3	-5.3		N/A
27	Cygnat Control Wheel - Pilot	CA60-524080 17	N/A	N/A	N/A	Yes	N17
27	Cygnat Control Wheel - Co-Pilot	CA60-524080 17	N/A	N/A	N/A	Yes	N128
27	Aileron Port	A15-1	N/A	N/A	N/A	Yes	071754
27	Aileron Stbd.	A16-1	N/A	N/A	N/A	Yes	071753

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		ENG S/N: L-575-79E

ATA Chp.	DESCRIPTION	PART NUMBER	WEIGHT (lbs)	ARM (in)	MOMENT (lbs-in)	INSTALLED	SERIAL NO. 314
27	Elevator Port	E50-1	N/A	N/A	N/A	Yes	070539
27	Elevator Stb.	E50-1	N/A	N/A	N/A	Yes	070859
27	Flap Port (Fowler)	J100-1	N/A	N/A	N/A	Yes	070407
27	Flap Stbd. (Fowler)	J100-1	N/A	N/A	N/A	Yes	071293
27	Rudder	R50-1	N/A	N/A	N/A	Yes	71068
27	Flap Actuator (D145-00-85 + Wiring)	J201	5.14	36.0	185.0	Yes	8181A
28	Electric Fuel Pump (Weldon)	18000-B8	2.7	23.5	63.45	Yes	212 490
28	Engine driven Fuel Pump (Hartzell)	62E22581	1.7	-28.0	-47.6	Yes	H-WBN039FP
28	Fuel Strainer/Gascolator	GAS 500-T	0.7	25.5	17.9	Yes	38762
28	Fuel Level Sender, Port (Rochester)	7740-00478	0.34	21.4	7.3	Yes	1127
28	Fuel Level Sender, Stbd. (Rochester)	7740-00478	0.34	21.4	7.3	Yes	11280
28	Fuel Vent valve, Port	342700	0.21	23.0	4.8	Yes	6225
28	Fuel Vent valve, Stbd.	342700	0.21	23.0	4.8	Yes	6232
28	Fuel Flow Transducer	FT-90	0.37	-41.0	-15.2	Yes	209558
28	Fuel Valve, Selector, Extension & faceplate.	EFS25X2-M	0.9	23.0	4.8	Yes	47535
31	ELT (Artex ME406)	452-6499	?	119.2	?	Yes	381824-047

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		ENG S/N: L-575-79E

DESCRIPTION	PART NUMBER	WEIGHT (lbs)	ARM (in)	MOMENT (lbs-in)	INSTALLED	SERIAL NO. 314
CO Detector	452-101-011	0.22	-1.5	-0.3	Yes	7690
2C3 Main Gear						
Main wheel & Tire 6.00-6 Type III 8 Ply - Port		33.4	37.3	1244.2	Yes	N/A
Main wheel & Tire 6.00-6 Type III 8 Ply - Stbd		33.4	37.3	1244.2	Yes	N/A
Main Wheel Fairing x2		15	37.3	559.5	Yes	N/A
Nose Wheel & Tire 5.00-5 10 Ply		19.6	-36.7	-718.3	Yes	N/A
Nose Wheel Fairing		5.5	-36.7	-201.6	Yes	N/A
Landing Light, LED						
Light	AVE-A15MWSSNH-60A	0.8	-55.3	-54.5	Yes	N/A
Position & Strobe Lights (Whelen)						
Position & Strobe Light - Port	01-0790006-03	0.8	30.7	24.6	Yes	N/A
Position & Strobe Light - Stb.	01-0790006-01	0.8	30.7	24.6	Yes	N/A
Strobe Power Supply	01-0770028-5	2.1	38.2	80.2	Yes	52406
Turn Co-Ordinator (Autopilot)	6405-28L	1.8	-2	-3.6	Yes	K18-10239
Flap position Indicator	FPI-1157	0.23	-2.5	-0.6	Yes	A1548
Standby Compass (S.I.R. S)	NV2C-2400-28V	0.33	-12.9	-4.3	Yes	722438-01

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ATA Chp.	DESCRIPTION	PART NUMBER	WEIGHT (lbs)	ARM (in)	MOMENT (lbs-in)	INSTALLED	SERIAL NO.
34	Pilot Head	PH502(AN5812-1)	0.69	9.8	6.8	Yes	AS08184880
34	Lift Detector	164	0.12	6.0	0.7	Yes	177975-07
34	Garmin G500 TXI PFD/MFD						
	PFED GDU 1060	011-03308-30	7.25	-2.5	-18.12	Yes	3M5001544
	Air Data Computer Module) Integrated System	010-01326-00	N/A	N/A	N/A	Yes	3MD001288
	Magnetometer	GMU 44	0.5	-18.9	-9.5	Yes	1CM0061Z1
	OAT	GTP59	0.5	47.0	23.5	Yes	1021
34	Garmin GTX 345R Remote Transponder Main Unit (LRU)	010-01217-01 Includes 011-03303-00	3.2	-5	-16	Yes	3EH025123
	Antenna	010-10160-00 Includes CI105	0.24	-8.4	-1.7	Yes	49209
34	Garmin GTS 850 Traffic Avoidance System						
	Main Unit (LUR)	Unit P/N 011-01356-00 Cat P/N 010-00519-00	8.9	-9.0	-80.1	Yes	15L013043
	Horizontal Rack	011-00784-00	2.4	-8.0	19.2	Yes	N/A
34	GA 58 Upper Antenna	Unit P/N 011-01346-00 Cat P/N 010-10720-00	0.8	24.0	19.7	Yes	124006117
	Lower Antenna	010-10160-00	0.24	41.0	9.84		60177

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ATA Chp.	DESCRIPTION	PART NUMBER	WEIGHT (lbs)	ARM (In)	MOMENT (lbs-in)	INSTALLED	SERIAL NO. 314
55	Vertical Stabilizer	V10-1	N/A	N/A	N/A	Yes	068246
55	Horizontal Stabilizer	S200-1	N/A	N/A	N/A	Yes	070430
55	Horizontal Stabilizer Boot	1232040-5	2.2	194.0	426.80	Yes	N/A
57	Wing Assembly	W2099	N/A	N/A	N/A	Yes	070995
61	Propeller 82" Swept -Tip (Hartzell)	HC-C3YR-1RF/F8068	77	-64.0	-4928.0	Yes	PA1649B
	Blade 1	C3R0067	N/A	N/A	N/A	Yes	L89148
	Blade 2	C3R0067	N/A	N/A	N/A	Yes	L89150
	Blade 3	C3R0067	N/A	N/A	N/A	Yes	L89149
61	Spinner (Hartzell)	C3532-15P	2.5	-64.0	-160.0	Yes	1805788
61	Bulkhead (Hartzell)	C3576-2P	1.7	-62.0	105.4	Yes	1805955
61	Governor (Hartzell)	V5-4	3.5	-56.0	-196.0	Yes	G2082J
71	Engine 315 Hp (dry, includes alternator & starter)	10-580-B1A	457.0	-43.0	-19651.0	Yes	L-575-79E
72	Engine Mount	P3300	N/A	N/A	N/A	Yes	070145
73	Injector Body, Textron (Avstar)	61M226413	7.9	-48	-379.2	Yes	AV265501200
73	Manifold Assembly (Avstar)	63B28158	N/A	N/A	N/A	Yes	AV2887245
74	Left Mag (Slick - Standard)	66LR37SCNN	5.0	-28.0	-140.0	Yes	19020174
74	Right Mag (Slick - Impulse)	66LP-OSCNN	5.0	-28.0	-140.0	Yes	19020046

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ATA Chp.	DESCRIPTION	PART NUMBER	WEIGHT (lbs)	ARM (in)	MOMENT (lbs-in)	INSTALLED	SERIAL NO. 314
77	MVP-50P-6 Engine Monitor System						
	Display head	MVP-50P	1.9	-1.0	-1.9	Yes	213396
	EDC	EDC-33P	1.0	16.8	-16.8	Yes	213397
	OAT	P-128	0.05	22.5	1.0	Yes	N/A
	CHT Probe	P-1003/8-24, Type K	0.06	-43.0	-2.4	N/A	N/A
	EGT Probe	P-110 Hose Clamp, Type K	0.09	-41.0	-3.9	N/A	N/A
	Oil Pressure Transducer	PT-100GA	0.17	-22.0	-3.7	Yes	213103
	Oil Temperature Transducer	P-120	0.15	-28.0	-4.1	N/A	N/A
77	Fuel Flow Adapter	RFML-4-24	0.48	-16.8	-8.0	Yes	213402
	Air Speed Transducer	PT-05-DIFF	0.31	-16.8	-5.2	Yes	213401
	Altitude Transducer	PT-30 ALT	0.31	-16.8	-5.2	Yes	213399
	Manifold Pressure	PT-30 ABS	0.31	-16.8	-5.2	Yes	213398
79	Oil Cooler (Niagara Development)	20662A	4.4	-28.0	-123.2	Yes	E19-16024-1
79	Engine Oil Separator	M-20	1.8	-2.7	-4.9	Yes	N/A
80	Starter Motor (Hartzell)	31B22111	10.5	-57.0	-598.5	Yes	H-S041049

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80	Slick Start	SS1001	0.6	-7.3	-4.4	Yes	18063734
80	Ignition Switch (Teledyne Continental motors)	10-357200-1	0.34	-1.0	-0.3	Yes	N/A

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