

N945LF

2021 Citation M2

Equipment List

MSN: 525-1076



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Model: 525
Serial Number: 1076
AO Rev: 01/11/2021 07:28:47

Equipment List

3/12/2021

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (lb.)	ARM (in.)
	Loose Equipment (Not included in aircraft BEW)				
	10446-3 Hangar w/6" Hook	4711605-1	6	1.87	150.90
	1259 Flashlight	4711605-1	2	0.50	150.90
	500097 Medaire First Aid Kit	4711605-1	1	7.00	150.90
	Foldable Threshold-Corn	4711918-20	1	3.58	171.59
	Carpet Assy - Center Aisle	4711918-6	1	7.02	215.48
	Threshold Carpet Assy	4711918-9	1	2.22	171.56
	Cup Holder Inserts for Seat 3 and 6	4779407-1	2	0.48	218.62
	Cup Holder Insert for Seat 4	4779407-2	1	0.24	203.29
	324843-2040 Headset (Co-Pilot)	6318879-3	1	0.75	134.43
	324843-2040 Headset (Pilot)	6318879-3	1	0.75	134.43
	Toilet Service Briefing Card	6319058-3	1	0.00	303.93
675L	Headset TELEX 850 (301317-000)	4711605-2	4	1.44	134.43

Model: 525
 Serial Number: 1076
 AO Rev: 01/11/2021 07:28:47

3/12/2021

Equipment List

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	011-00870-10 Magnetometer 2	9154709-1	1	0.35	431.48
	9G1224A4M03 Cooling Fan	9154711-1	1	0.52	41.40
699 SVT	010-00330-5M SVS Enable Card	9100501-77	1	0.00	266.50
632Z	011-03177-10 GDL 69A Data Link	9154717-1	1	1.40	55.89
632Z	115-00658-00 Remote Mount Rack	9154717-1	1	0.74	55.46
510F	011-03595-05 FS510 SD Card	9154720-1	1	0.00	107.38
Oxygen					
	176276-50 Oxygen Bottle (50 Cu Ft)	6314441-2	1	13.35	71.60
	Oxygen System Installation	6314441-3	1	5.99	108.54
	Mask & Goggles Installation	6314855-3	1	4.33	144.84
Cabin Systems					
650B	DMS250-01 Wireless Media Server	4711954-1	1	4.36	269.19
650B	Clairity System Installation	4711954-1	1	0.99	266.55
675	Corded ICG Phone Instl	4711978-7	1	1.67	252.36
676J	Wire Routing - Aircell (Nose)	6318716-1	1	3.65	69.20
676J	Wire Routing - Aircell (TC)	6318716-3	1	0.72	296.01
676J	Wire Routing - Aircell (Fairing)	6318716-4	1	0.60	221.19
676J	Wire Routing - Aircell (Cabin)	6318716-5	1	3.97	175.32
676J	P12949 Aircell Antenna (FWD)	9101709-1	1	1.25	226.68
676J	P12949 Aircell Antenna (AFT)	9101710-1	1	0.93	305.87
676J	P14291-002 Mounting Tray	9101711-5	1	1.58	81.34
676J	P15864-001 ATG 5000 High Speed LRU	9101711-5	1	11.62	77.21
Power Plant					
	FJ44-1AP-21 Engine - LH	9912680-3	1	455.07	322.27
	FJ44-1AP-21 Engine - RH	9912680-3	1	455.07	322.27
Ignition					
	Starter Generator-LH	9912686-1	1	32.00	303.59
	Starter Generator-RH	9912686-1	1	32.00	303.59
Engine Controls					
	51525-001F Generator Control Unit	6318310-7	1	2.39	320.10
	51525-001F Generator Control Unit	6318310-7	1	2.39	325.19
	FADEC LH	9912680-5	1	5.34	386.67
	FADEC RH	9912680-5	1	5.34	386.67
Oil					
501	Standard Engine Oil		1	15.60	312.33

Model: 525
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 AO Rev: 01/11/2021 07:28:47

3/12/2021

Equipment List

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	Landing Gear				
	277K08-1 Main Landing Gear Tire LH	6341100-4	1	20.80	265.66
	277K08-1 Main Landing Gear Tire RH	6341100-4	1	20.80	265.66
	030-611-0 Nose Landing Gear Tire (18 x 4.4DD)	6342110-1	1	12.80	53.97
	Lights				
	Emergency Exit Light - FWD	6318025-1	1	0.13	213.43
	Emergency Exit Light - AFT	6318025-2	1	0.13	253.06
	WIL100-01 Wing Inspection Light	6318120-2	1	0.25	192.17
	Tail Flood Lights	6318502-8	1	3.14	484.91
	Landing Light Install LH (LDL100-02)	6328012-3	1	3.22	214.09
	Landing Light Install RH (LDL100-02)	6328012-4	1	3.22	214.09
	87-03916-001 PTA Wingtip Light LH	6328014-1	1	0.46	255.59
	87-03917-001 PTA Wingtip Light RH	6328014-1	1	0.46	255.59
	Navigation				
	S3100-641 GTC 575 Controller (011-03759-01)	6318878-1	2	6.10	110.11
	011-03997-00 GWX 80 Radar	7318026-1	1	8.60	28.00
	117-00254-01 GWX 70 Antenna	7318026-1	1	0.84	23.75
	RGS10-48 Glideslope Antenna	8718018-4	1	0.08	29.27
	L10-611-14 Lower Transponder Antenna	8718027-1	2	0.44	51.18
	S65-247-38 VOR Nav Antenna	9103702-1	1	2.70	457.19
	L10-611-14 DME 1 L-Band Antenna	9107703-1	1	0.22	110.19
	S72-1735-26 TCAS 1 Antenna	9108702-1	1	1.70	139.97
	S72-1735-26 TCAS 2 Antenna	9108702-1	1	1.70	166.42
	L10-611-14 Upper Transponder Antenna	9108703-1	2	0.44	262.15
	CI428-410 GPS 1 & XM Antenna	9123050-1	1	0.41	191.41
	CI428-410 GPS 1 & XM Antenna	9123051-1	1	0.41	191.41
	MB10-754 Marker Beacon Antenna	9154082-48	1	0.65	172.80
	S67-2002 Radio Altimeter Antenna 1	9154082-58	1	0.22	128.00
	S67-2002 Radio Altimeter Antenna 2	9154082-58	1	0.22	154.35
	822-0615-206 ALT-4000 Radar Altimeter	9154701-1	1	4.45	39.68
	011-03732-00 GRS79 AHRS LH	9154703-1	1	1.08	52.47
	117-00608-00 GRS79 Remote Rack	9154703-1	1	0.16	52.62
	011-03732-00 GRS79 AHRS COMPUTER, RH	9154704-1	1	1.08	52.47
	117-00608-00 GRS79 Remote Rack	9154704-1	1	0.16	52.62
	011-02571-00 GTS Processor	9154705-2	1	11.56	52.80
	011-02572-00 GTS Mount Kit	9154705-2	1	1.54	51.66
	4000002 FN20 Cooling Fan LH	9154705-22	1	1.02	81.91
	4000002 FN20 Cooling Fan RH	9154705-22	1	1.02	49.68
	011-01457-01 GSD 41 LH	9154705-23	1	1.84	78.86
	011-01457-01 GSD 41 RH	9154705-23	1	1.84	52.66
	011-01997-00 GTX 3000 Transponder LH	9154705-23	1	5.13	80.13
	011-01997-00 GTX 3000 Transponder RH	9154705-23	1	5.13	51.46
	S3100-642 (011-03711-41) GIA 64E LH	9154705-23	1	5.57	79.19
	S3100-642 (011-03711-41) GIA 64E RH	9154705-23	1	5.57	52.33
	622-9670-002 Mounting Tray MMT-125	9154705-3	1	0.51	52.37
	822-1466-001 DME Receiver	9154705-3	1	3.38	53.73
	011-01983-20 GCU 275	9154707-4	2	1.24	109.97
	011-04187-00 GDU 1450W	9154707-4	3	18.81	105.87
	011-00870-10 Magnetometer 1	9154709-1	1	0.35	421.65

Model: 525
 Serial Number: 1076
 AO Rev: 01/11/2021 07:28:47

3/12/2021

Equipment List

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I1076	LH Sideledge Assy (Finish) (Includes 4799507-20 Exec Table)	4799506-29	1	18.10	219.52
I1076	RH Sideledge Assy (Finish) (Includes 4799507-20 Exec Table)	4799506-30	1	19.40	217.55
I1076	LH Belted Toilet Cab Assy	4799509-1	1	18.30	275.94
I1076	LH AFT Trim Cap - Accent	4799511-12	1	0.00	257.03
I1076	LH AFT Full Divider	4799511-7	1	18.90	257.51
I1076	LH AFT Cover Panel	4799511-8	1	0.00	256.65
I1076	RH AFT Slim Div Assy	4799512-1	1	7.80	257.38
I1076	RH AFT Avionics Cabinet	4799514-1	1	5.40	269.53
I1076	SFS Fascia Assy	4799515-4	1	2.00	162.61
132Ski	Baggage Comp Inst - Ski Tube Option	6312032-2	1	6.48	398.59
86C (3)	Step Mat Instl - Black	6519692-10	1	0.60	172.70
710L	Cabin Door Cover Instl - Pinstripe	6519881-21	1	5.78	172.66
Fire Protection					
	Cockpit Fire Extinguisher Instl (35031 Extinguisher)	4711100-2	1	5.42	136.76
	Engine Fire Extinguisher Installation (9912048-7 Bottle)	6355015-10	1	6.35	337.54
	Engine Fire Detection Assembly	6355027-2	2	1.30	315.35
Flight Controls					
	011-00878-20 GSA-81 Torque Servo - Elevator	6360100-1	1	2.32	392.89
	011-00878-20 GSA-81 Torque Servo - Elevator Trim	6360200-2	1	2.32	336.53
	011-00877-20 GSA-80 Torque Servo - Rudder	6360300-1	1	3.24	392.88
	011-00877-20 GSA-80 Torque Servo - Aileron	6360500-2	1	3.24	292.42
Fuel					
	416-1690-2 Cap & Adapter Assembly	6326208	2	1.60	256.17
	Fuel Pump	9912017-4	2	7.56	268.30
	Fuel Signal Conditioner	9912412-7	1	1.65	283.85
Ice and Rain Protection					
	Bleed Air W/S Anti-Ice	6314121-7	1	37.24	188.25
	De-Ice Boot Installation	6314310-10	1	13.42	436.46
	Wing Anti-Ice Installation	6314400-11	1	17.28	295.31
	LH Engine Bleed Air	6354071-3	1	11.59	327.13
	RH Engine Bleed Air	6354071-4	1	11.59	327.13
Indicating/Recording Systems					
	C12417-2 Airflow Sensor	9154082-68	1	2.18	166.43
	C-12406-5 AOA Computer	9154082-84	1	1.54	148.55
	011-02337-01 RVSM Air Data Computer	9154701-1	2	4.00	36.24
	27480-103 SW LT (Master Caution)	9154707-4	2	0.25	109.79
	27480-104 SW LT (Master Warning)	9154707-4	2	0.25	109.79
	9200-32100-0201 ESI-1000 (Electronic Standby Indicator)	9154707-4	1	2.26	107.59
	011-03682-04 GEA 71C	9154710-17	2	3.72	384.82

Model: 525
 Serial Number: 1076
 AO Rev: 01/11/2021 07:28:47

3/12/2021

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	AC Power Controller Instl	4711951-1	1	0.96	178.49
	500W Inverter SS50 (4.58 lbs) and Inst.	6318514-1	1	6.21	306.64
	PCB Enclosure & ARES Installation	6318829-1	1	13.76	265.50
	7243-16T 16 AHR Battery Assembly	6318942-1	1	30.38	53.89
	Main Battery - Ni-Cad (9914058-6)	9100501-83	1	79.38	324.79
	501-1712-01 Battery Pack	9154701-1	1	8.90	35.57
675	Wire Rtg - GSR56 #1	6318717-1	1	1.29	340.27
Equipment/Furnishings					
	Cargo Net Instl	4711096-1	1	4.04	357.59
	Tailcone Bag Floor CPT I	4711145-27	1	2.87	353.04
	Aft Bulkhead Panel Instl	4711630-1	1	6.64	282.80
	AFT Bulkhead Uphol Panel Instl	4711858-2	1	5.98	282.42
	2021B1-00PC Ash Tray	4711862-2	1	0.14	232.31
	Control Wheel Pad Instl	4711863-1	2	0.62	126.08
	Cockpit Curtain Instl - STD	4711873-6	1	0.75	152.64
	Ckpt Side Console Instl	4711874-1	1	14.26	127.48
	LH Lavatory Reveal Instl	4711885-3	1	3.91	270.28
	RH Lavatory Reveal Instl	4711885-4	1	7.01	269.95
	LH Cabin Reveal Instl	4711885-5	1	9.88	216.72
	RH Cabin Reveal Instl	4711885-6	1	11.99	204.74
	Ovd Indirect Ltng Instl	4711891-1	1	4.04	216.90
	LH Sideledge & Sidewall Instl	4711893-1	1	5.53	223.96
	RH Sideledge & Sidewall Instl	4711893-2	1	5.30	220.97
	Cabin Overhead Instl	4711896-8	1	27.68	217.27
	LH Belted Toilet Instl	4711903-7	1	45.50	267.01
	Ckpt Assist Handle Instl	4711924-1	1	0.40	117.35
	Passenger Seat 5	4711938-13	1	52.57	243.83
	Passenger Seat 3	4711938-14	1	52.57	195.48
	Passenger Seat 6	4711938-14	1	52.57	243.78
	Passenger Seat 4	4711938-21	1	52.57	194.73
	SFS Upholstery Assys	4711940-35	1	15.85	162.57
	Swing Arm Sunvisor Instl	4711952-8	1	2.35	134.07
	Aft Curtain Instl	4711962-1	1	1.73	257.27
	Crew Seat Assy- LH	4719600-1	1	47.96	140.74
	Crew Seat Assy- RH	4719600-2	1	47.96	140.74
	Cup Holder Insert Seat 5	4779407-2	1	0.24	233.95
	RH Nav Chart Case	4799513-4	1	2.60	148.87
136M	P01074-207 Life Vest		8	9.44	199.15
132Ski	Tail Bag Carpet Instl (Opt)	4711145-26	1	6.04	397.82
710L	Ckpt Ohd Cvr Instl - Pinstripe	4711641-20	1	3.32	136.91
710L	Window Shade Assy - Pinstripe	4711890-43	7	14.78	211.55
86C (3)	Door Trim Instl - Airstair - Pinstripe	4711901-14	1	3.91	175.03
I1076	Cockpit Floor Covering Instl	4711915-1	1	12.02	124.58
I1076	Cabin Floor Covering Instl	4711917-1	1	33.52	221.06
710L	Ckpt Window Trim Instl - Pinstripe	4711922-12	1	7.23	134.74
675L	Intercom Panel Instl	4711955-1	1	1.45	218.62
675	Iridium Conn Instl-CBN	4711958-4	1	0.02	221.93
86C (3)	Entry Step Instl	4717238-11	1	22.40	171.29
I1076	AW Holder Assembly	4799500-2	1	0.00	155.51
I1076	RH FWD Div Assy (Dyn/Ven)	4799501-3	1	16.60	151.53
I1076	FWD Header Assembly	4799502-1	1	1.80	150.45
I1076	RH FWD SFS Armrest Assy	4799503-1	1	14.80	177.81
I1076	LH FWD Cabinet Assy (Veneer)	4799505-4	1	35.50	155.51

Equipment List

The following is a list of equipment installed in the airplane when delivered by the manufacturer.

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (lb.)	ARM (in.)
Placards and Markings					
	Standard Placards (English)	4711987-2	1	0.08	332.79
	ID Plate Installation	6305525-1	1	0.10	376.57
136M	Plcprd Inst - Life Vest - Cabin Seats	4711953-15	4	0.00	219.46
136M	Plcprd Inst - Life Vest - Toilet	4711953-23	1	0.00	280.17
675	Plcprd Inst - Iridium Antenna	4711953-24	1	0.00	147.55
136M	Plcprd Inst - Life Vest - SFS	4711953-9	1	0.00	162.57
Air Conditioning					
	Air Dist System Instl	4711900-8	1	2.29	222.62
	Air System Instl	6319004-1	1	16.94	166.98
	Evaporator Assembly - AFT	9912459-10	1	6.78	279.55
	Compressor Assembly	9912459-8	1	48.56	305.39
	Evaporator Assembly - FWD	9912459-9	1	6.80	178.32
Auto Flight					
	011-01020-10 AFCS Mode Controller	9154707-4	1	0.80	109.94
Communications					
	VHF10-829 Comm 1 Antenna	9101054-1	1	1.02	277.66
	VHF10-829 Comm 2 Antenna	9101703-1	1	1.02	114.96
	453-5060 C406-N ELT	9102701-1	1	3.12	374.58
	102025-1 PA Amplifier	9154082-34	1	0.55	202.42
	110-340 ELT Antenna	9154082-45	1	1.31	346.09
	011-04093-00 GMA 36B	9154707-4	2	3.68	100.46
	TRAB24/49003P Wi-fi Antenna AFT	9154713-5	1	0.30	267.88
	TRAB24/49003P Wi-fi Antenna FWD	9154713-5	1	0.30	248.10
	Mic Installation (Co-Pilot)	9615026-2	1	0.51	119.03
	Mic Installation (Pilot)	9615026-9	1	0.51	119.03
632A	Equipment Instl - GDR66 (Incl 011-02477-00 Mount)	9101702-1	1	0.39	329.16
632A	011-02303-00 GDR66 - VHF	9101702-1	1	4.22	329.10
632A	Ant Instl - Comm 3 (VHF10-829)	9101704-1	1	1.08	362.20
675	S67-1575-165 Iridium/GPS Antenna	9101713-1	1	0.92	225.53
675	011-02268-01 GSR 56	9154714-1	1	2.45	386.96
675	115-01018-00 GSR 56 Remote Rack	9154714-1	1	0.66	387.45
675	TRAB24/49003P Antenna	9154715-1	1	0.31	307.73
675	115-00658-00 Remote Mount Rack	9154716-1	1	0.74	55.47
675	011-01746-03 GDL59 Datalink	9154716-1	1	1.62	56.00
Electrical Power					
	Ckpt AC Outlet Instl	4711925-1	1	0.52	142.61
	RH Cabin Outlet Instl - 110/USB	4711947-10	1	0.27	218.05
	LH Cabin Outlet Instl - 110/USB	4711947-9	1	0.27	218.05