

N178DA

1984 Citation SII

2006 Equipment List

MSN: S550-0004



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

EQUIPMENT LIST (CITATION JL 550)

ADMC 11 1984
PART NUMBER

S/N 0004
QTY WEIGHT (LB)

ARM (IN)

AMENDMENT 10/30/2008

FACTORY KIT ITEM

FURNISHINGS

E0325						
E0801	REMOVE EXTERIOR PAINT		0.0		0.0	
	SEAT, PILOT ADJUSTABLE STD	1	-47.0		328.2	
	SEAT, CO-PILOT ADJUSTABLE STD	1	37.7		140.0	
11002	NO. 3 SEAT FWD FACING LAT ADJUST	1	37.8		140.0	
11006	NO. 4 SEAT FWD FACING LAT ADJUST	1	45.7		223.0	
E0325		1	45.7		223.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
E0325			0.0		0.0	
	OXYGEN SYSTEM STD		0.0		0.0	
508	SWEEP ON OXY MASK 174046 D2	1	32.9		166.2	
166	CHIME SIGNAL	2	1.1		149.0	
138V3	STEREO INSTL CLUB SEATING	1	1.2		149.0	
E0325		1	15.6		240.5	
449AC	DELETE COAT HANGERS		0.0		0.0	
449AD	DELETE LIFE VESTS	1	-1.6		338.0	
449AE	DELETE COAT RACK INSTL	1	-5.6		241.0	
		1	-0.3		338.0	
	GEAR					
	WHEEL-NOSE GEAR GOODYEAR					
	TIRE-NOSE GEAR GOODYEAR	9544207	1	8.7	81.9	
	WHEEL-MAIN GEAR GOODYEAR	184F13	3	13.5	81.9	
	TIRE-MAIN GEAR GOODYEAR	9912246	9	30.5	300.0	
	WHEEL-MAIN GEAR GOODYEAR	220K08	2	58.0	300.0	
	TIRE-MAIN GEAR GOODYEAR	9912246	10	32.1	300.0	
	BRAKE-MAIN GEAR LH GOODYEAR	9912246	10	32.1	300.0	
	BRAKE-MAIN GEAR RH GOODYEAR		1	32.1	300.0	

SEE LOG BOOK ESTIM DATES 10/30/08
SWEEP ON 2000 FULL FACE
NO CHANGE TO WTB
CERTS IN YELLOW ENVELOPE

Jan. 02 2007 05:11PM P10

FAX NO. : 407-896-0471

FROM : SAT AVIATION

EQUIPMENT LIST CITATION II S550

APRIL 1, 1984
PART NUMBER

S/N 00000

QTY WEIGHT(LB) ARM(IN)

AMENDMENT 10/30/2006

FACTORY KIT

ITEM

INSTRUMENTS

FUEL QUANTITY GAUGE	9912147 12	1	1.7	102.9
FUEL FLOW GAUGE	9912147 16	1	1.5	102.3
OIL TEMP. GAUGE	9912147 11	1	1.4	101.9
OIL PRESSURE GAUGE	9912147 10	1	1.4	101.9
TURBINE RPM INDICATOR	9912147 25	1	0.5	101.6
FAN RPM INDICATOR	9912147 24	1	2.1	102.9
TURBINE TEMP. INDICATOR	9912147 34	1	1.8	102.9
VERTICAL SPEED INDICATOR LH	C661008101	1	1.7	104.6
AIRSPED INDICATOR LH	C661063104	1	1.4	104.4
VERTICAL SPEED INDICATOR RH	C661006101	1	1.7	103.8
GYRO HORIZON RH	C661056202	1	2.1	102.2
AIRSPED INDICATOR RH	C661063104	1	1.4	104.4
ALTIMETER LH	4016341905	1	2.5	103.1
ALTIMETER RH	C661072101	1	1.9	103.6
DIFF. PRESSURE INDICATOR	C668511102	1	0.9	108.0
CABIN RATE CHG. INDICATOR	C668513101	1	0.9	108.0
AMMETER	C662501102	2	1.0	106.0
VOLTMETER	C662502101	1	0.5	105.9
FLT. HOUR METER	15000	1	0.2	107.7
OXYGEN PRESSURE GAUGE	C668512101	1	0.3	106.7
GYRO PRESSURE GAUGE	C668515101	1	0.4	106.4
OAT GAUGE	C668510401	1	0.5	104.5
CLOCK STD LH	811B24A	1	0.5	105.4

POWER PLANT & FUEL SYS

ENGINE JT15D-4B	9912121 1	1	576.0	376.7
ENGINE JT15D-4B	9912121 1	1	576.0	376.7
STARTER GENERATOR	9912125 1	2	58.8	356.1
ENG SYNCH WITH THRUST REV.	5560001 53	1	5.2	368.6
THRUST REVERSER	5500101 5	1	157.0	399.9
LOCKING FUEL CAP	5500102 1	2*	0.6	281.9

2-12-05 337 STAR AVIONIC

Removed

Jan. 02 2007 05:12PM P11

FAX NO. 1-407-896-0471

760
193
36

EQUIPMENT LIST CITATION II SECS

APRIL 1, 1984

S/N ~~GOOD~~

~~AMENDED~~ 10/30/06

Jan. 02 2007 05:10PM PB

FAX NO. : 407-896-0471

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (LB)	ARM (IN)
659N3	INTERROGATOR 622-6263-001 & MT		1	6.5	47.9
681J1	DME IND (622-6524-001)		2	1.7	105.0
681J2	DME NO. 2 INSTL, DME-42		1	0.4	47.9
681J3	DME-42, 622-6263-201 & MT.		1	7.9	47.9
681J4	ANTENNA, OMN-150-2 & INSTL		1	0.4	211.4
673G	CABLE INSTL		1	5.9	76.5
673G	RADAR ALTIMETER, AA300 INSTL		1	1.3	224.5
673G	RCVR-TRANS, 700-1840-901		1	4.5	304.8
673G	INDICATOR, 7000839-903		1	1.9	103.5
673G	ANTENNA, 4010504		2	1.5	213.3
673G	CABLE INSTL		1	4.5	245.0
	COLLINS ADF-60 INSTL		1	0.4	51.7
	RECEIVER 622-2362-001		1	4.2	51.9
	MOUNT 622-1195-001		1	0.8	51.9
659N2	ADF CONT. CTL-62(622-6522-005)		1	1.2	104.7
	ANTENNA-LODP & INSTL		1	4.4	238.4
	DORSAL		1	7.5	420.3
	CABLE ASSY		1	4.9	98.2
	PRIMUS 300SL CABLE & INSTL		1	4.3	58.0
	IND DI-2007		1	10.6	102.4
	RT UNIT MI-585222-1		1	13.3	39.9
	MOUNT MI-585010		1	1.0	39.9
	ANTENNA PED		1	7.4	25.0
	IND MOUNT MI-585278		1	0.4	102.4
	WAVE GUIDE ASSY		1	1.0	32.7
	RADOME	5513101	1	4.4	23.9
674DV	FLITEPHONE V INSTL.		1	1.3	79.6
674DV	TRANSCEIVER & MT		1	7.9	65.7
674DV	HANDSET		1	1.1	151.0
674DV	CONTROL		1	0.9	105.5
674DV	HANDSET		1	1.5	243.0
674DV	BELL & MT.		1	0.9	243.0
674DV	ANTENNA		1	0.6	62.3
674DV	CABLE INSTL.		1	9.4	103.3
EMERGENCY EQUIPMENT					
	FIRE EXT. COCKPIT		1	5.2	126.0
	FIRE EXT. CABIN		1	5.0	302.1

FROM : SAT AVIATION

EQUIPMENT LIST (MATION II S50)
APRIL 1, 1984 S/N 0004 AMENDMENT 10/30/2006
PART NUMBER QTY WEIGHT(LB) ARM(IN)

FACTORY KIT ITEM

TOTAL OPTIONAL EQUIPMENT WEIGHT -161.77 LB MOMENT -22745.44 IN-LB

THE TOTAL OPTIONAL EQUIPMENT WEIGHT AND MOMENT IS THE WEIGHT OF THE OPTION PACKAGE ONLY AND NOT THE SUM OF ALL THE ITEMS LISTED
THE FOLLOWING ITEMS ARE CONSIDERED GROUND SUPPORT EQUIPMENT AND ARE NOT INCLUDED IN THE EMPTY WEIGHT
ENGINE COVERS
JACK PADS
SAFETY STREAMERS
THROW RUGS (2)

Jan. 02 2007 05:12PM P12

FAX NO. : 407-896-0471

FROM : SAT AVIATION

M : SAT AVIATION

FAX NO. : 407-896-0471

Jan. 02 2007 05:09PM PS

FACTORY KIT

ITEM

49B

INVERTER PC-350
AC VOLTAGE SENSOR 1371-1
RECOGNITION LIGHT INSTL

EQUIPMENT LIST CITATION II 9550
APRIL 1984

PART NUMBER

9914254
9618030
6528001 1

SERIAL # 0004
QTY WEIGHT(LB) ARM(IN)

2	19.8	407.0
1	0.4	119.8
1	2.4	250.6

AMENDMENT 10/30/2006

Jan. 02 2007 05:12PM P13

FAX NO. : 407-896-0471

FROM : SAT AVIATION

Date: 2-22-05

Equipment List Amendment

N-72AM
M/N S550
S/N S550-004

Removed:

ITEM	PART NUMBER	WEIGHT LBS	BALANCE ARM IN. (STA)	MOMENT IN/LBS	
Air Data Computer Tray	404-3/8S-1-DPXB-0	-0.9	48.3	-43.87	331 212lbs Star Avionic
Air Data Computer	4013241-901	-12.0	48.3	-579.60	331- 212lbs Star Avionic
Indicator (Pilots Alt.)	4016341-905	-2.0	102.5	-205.00	337- 212lbs Star Avionic

4.3 Equipment Added to Aircraft

4.3.1 Equipment/Structure Added to Aircraft

ITEM	PART NUMBER	WEIGHT LBS	BALANCE ARM IN. (STA)	MOMENT IN/LBS	
Angle	D-25-Y29-0341-15	1.0	43.0	43.00	337- 212lbs Star Avionic
Bracket Assembly	D-25-Y29-0341-103	1.5	48.3	72.45	" " "
IS&S AIU	9B-81040-25	3.0	48.3	144.90	" " "
IS&S ADDU	9D-80130-16	3.0	102.5	307.50	" " "
IS&S ADDU	9D080130-16	3.0	102.5	307.50	" " "
CB Panel	D-25-Y29-0347-103	2.0	139.0	278.00	" " "
Wiring Harness	D-23-Y29-0340-2/4	5.0	89.0	445.00	337- 212lbs Star Avionic

Completed by: Star Avionics, Inc.
CRS TA4R537M

[Handwritten Signature]

Date: 3-24-05

Equipment List Amendment

N-72AM
M/N S550
S/N S550-004

Removed:

ITEM	PART NUMBER	WEIGHT LBS	BALANCE ARM IN. (STA)	MOMENT IN/LBS		
Foster LNS-616A Rnav System:						
Foster RNC-601A Rnav Computer		-3.25	100.0	-325.40	337	3/24/05
Foster DI-681A Display Interface Unit		-3.1	78.0	-241.80	337	3/24/05
Foster LR651 Loran-C Receiver		-6.1	73.0	-445.30	237	3/24/05
Foster NY-153 Loran-C Antenna		-1.1	384.0	-422.40	337	3/24/05
4.3 Equipment Added to Aircraft						
4.3.1 Equipment/Structure Added to Aircraft						

ITEM	PART NUMBER	WEIGHT LBS	BALANCE ARM IN. (STA)	MOMENT IN/LBS		
Garmin GNS-530 TAWS Comm/VOR- /LOC/G/S/GPS		8.5	102.0	867.00	337	3/24/05
Garmin GA-56 GPS Antenna		.5	141.0	70.50	337	3/24/05
Garmin GAD-42 GPS Converter		2.2	73.0	160.60	337	3/24/05
AIS 240 Relay		.5	78.0	39.00	337	3/24/05
Eaton Annunciator (Nav 1/3)		.25	106.5	26.63	337	3/24/05
Mid-Continent MD41-1468A ACU		.5	106.0	53.00	337	3/24/05
Shadin ADC-2000 Fuel Flow/- Airdata Computer		2.25	78.0	175.50	337	3/24/05
Shadin O.A.T. Probe (P/N 681201-1)		.2	41.5	8.30	337	3/24/05
Comant CI-211 Comm Antenna		1.6	384.0	614.40	337	3/24/05
Comant CI-505 2 Nav/1G/S Coupler		.2	84.0	16.80	337	3/24/05
Davtron M/N 811B Chronometer		.3	106.5	31.95	337	3/24/05
Wiring Harness		4.75	98.0	465.50	337	3/24/05

Completed by: Star Avionics, Inc.
CRS TA4R537M

[Handwritten Signature]

ATTN: MARCUS

949-757-0293

P. 1

Weight / Balance & Equipment List Revision

WESTERN AVIONICS, INC. - YH3R997L
19711 CAMPUS DR. SANTA ANA CA 92707
(949) 757-0290

Page #: 1

WB ID #: 593
A/C Tail #: N72AM
Register Name: JOE TOMKINSON
Address:
City, State, PC:

A/C Make: CESSNA
A/C Model: S550
A/C Serial #: S550-004
WO Ref #: 216568
WB Date: Sep-20-2006

Previous data taken from document dated Feb-22-2005 Previous useful load = 6271.90

Model / Part #	Description	(LB/IN)	Weight	CG/Arm	Moment
* REMOVED		Previous data ->			
AIS-240	NAV SWITCHING UNIT		8028.10	287.57	2538736.88
AP-4001	RADAR ANTENNA WIFE AIS		-0.50	64.00	-32.00
CTL-22	COM CONTROL WIFE SPERRY		-7.80	25.00	-195.00
CTL-22	" " " "		-1.20	104.70	-125.64
CTL-32	NAV CONTROL " "		-1.20	104.70	-125.64
CTL-32	" " COLLINS		-1.20	104.70	-125.64
DL-4002	RADAR		-1.20	104.70	-125.64
LD-08	RELAY		-10.80	102.40	-1105.92
MD-41	ANNUNCIATOR		-0.50	64.00	-32.00
RD-850	RADAR		-0.30	105.50	-31.65
RT-4001	RADAR		-7.00	102.80	-719.80
TDR-90	XPRN COLLINS		-16.40	39.90	-654.36
VHF-22A	COM COLLINS		-3.50	51.80	-181.30
VHF-22A	" " COLLINS		-4.60	51.80	-238.28
VIR-32	NAV COLLINS		-4.60	51.80	-238.28
VIR-32	" " COLLINS		-4.50	51.80	-233.10
WX-11 ANTENNA			-4.50	51.80	-233.10
WX-11 DISPLAY	BIFE		-1.50	164.00	-246.00
WX-11 PROCESSOR			-3.40	105.50	-358.70
			-4.50	64.00	-288.00
REMOVED	19 Items @		6155.50	66.79	-5289.85
			VOR		
* INSTALLED					
ARC R-402A	S/N: 5128		0.60	54.00	32.40
ARC R-402A	S/N: 12487		0.60	54.00	32.40
GARMIN GA 55	S/N: 87504846		0.50	186.00	93.00
GARMIN GA 56	S/N: 59419332		0.50	191.50	95.75
GARMIN GAD 42	S/N: 99602540		2.20	68.00	149.60
GARMIN GDL 89	S/N: 47703106		2.80	61.00	170.80
GARMIN GI 106A	S/N: C08-11832		1.40	105.50	147.70
GARMIN GNS 430A	S/N: 97135913	- GPS - COM / NAV -	6.50	102.50	666.25
GARMIN GTX 330	S/N: 84122208		4.20	102.50	430.50
ICARUS 320015-3	S/N: 9330		0.50	64.00	32.00
KING ART 2000	S/N: 10351		10.80	25.00	270.00
L3 I-LINK MFD	S/N: 6068422		3.40	102.50	348.50
L3 NY-163	S/N: 90623		1.00	473.00	473.00
L3 NY-164	S/N: 84649		2.30	163.00	374.90
L3 TRC899	S/N: 81388		9.00	39.90	359.10
L3 WX-500	S/N: 90259		2.50	378.00	945.00
NAT RS-12	S/N: 5425		0.50	81.00	40.50
SPERRY RD-650A	S/N: 81090974	RAEINT	7.30	102.80	750.44

S30
SAME JUST
BISS +
SCREW

DME
+
ADF
included
But
NO
ICITD

NOTE

11

Weight / Balance & Equipment List Revision

Page #: 2

WESTERN AVIONICS, INC. - YH3R997L
19711 CAMPUS DR. SANTA ANA CA 92707
(949) 757-0290

WB ID # : 593
A/C Tail # : N72AM
Register Name : JOE TOMKINSON
Address :
City, State, PC :

A/C Make : CESSNA
A/C Model : S550
A/C Serial # : S550-004
WO Ref # : 216568
WB Date : Sep-20-2006

SPERRY RI-106	S/N: 80030652	2.00	119.00	238.00
INSTALLED	19 Items @	58.60	96.41	5649.84
NEW DATA >>	NEW USEFUL LOAD = 6292.50	8107.50	288.29	2539096.87

Authorized Individual : STAN ERICKSON

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N72AM	6-30-07
Nationality and Registration Mark	Date

Installed new factory replacement left-hand horizontal stabilizer skins P/N 5532000-53, 5532000-45, leading edge P/N 5532000-65 and ribs P/N 5532030-3, 5532030-24 in accordance with Cessna Structure Repair Manual Part 55-10-09 and F.A.R. AC 43.13-1B, Section 4 Metal Repair Procedures Parts 4-50(a) and (b) Part 4-52(a)(1) and (2), (b) and (c) Aluminum Alloy Structure and Part 4-57 Riveting (a) (1) (2) (3) and (4) (b) (c) (e) and (f).

Continued airworthiness accomplished in accordance with Cessna Maintenance Manual P/N S55MM13 Rev. 13 dated May 2006.

Aircraft weight and balance not affected per this repair.

Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements

8. Description of Work Accomplished

(If more space is required, attach additional sheets identify with aircraft nationality and registration mark and date work completed.)

MFD INSTALLATION

1. Installed L3 I-LINK MFD S/N 6068422 in avionics stack at station 102.50 in reference to STC SA02154AK dated 02/18/2000 and in accordance with Manufactures Installation Manual # 190-00355-02 Rev B., dated Feb. 2005.
2. The I-LINK is coupled to the GNS 530, 430A, ART 2000 and WX 500.
3. Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-1B Chapter 7, section 3,4,5; Chapter 11, section 1, pars. 1, 2, 7, section 3, pars. 30, 31, 32, 33 section 7, AC 43.13-2A Chapter 2, pars. 21-27; Chapter 3, pars. 36-38, 44; Chapter 11, pars. 211-214; Chapter 13, pars. 261-263.
4. Continued Airworthiness Instructions:
5. The L3 I-LINK is designed and manufactured to allow "on condition maintenance."
6. Maintenance shall be performed as stated in I-LINK Maintenance Manual #190-00355-02. See ICA below.
7. Ground and flight checks made and Stormscope exhibits no interference to other communications or navigation systems.
8. The will not cause a hazard to other aircraft systems, to the operation of the aircraft, or its occupants.
9. Pertinent details of this alteration are on file at this agency under work order numbered 215956.
10. FAA approved Airplane Flight Manual Supplement Dated: OCT 02 2006 was installed into the Pilots Operating Handbook.
11. An operators handbook was provided.
12. Aircraft Weight & Balance was superseded.
13. Aircraft equipment list was revised.

END OF DATA

Instructions for Continued Airworthiness

1. Introduction: CESSNA S550 N72AM S/N S550-004.
2. Description: The I-LINK MFD is a multi-function display capable of displaying moving maps, traffic, terrain and VFR/IFR charting functions.
3. Control, Operation Information: Operate per manufactures Pilot Guide or quick reference guide.
4. Servicing Information: Refer to the installation manual #190-00355-02.
5. Maintenance Instructions: Periodic Maintenance of the I-LINK MFD is not required.
6. Trouble Shooting Information: See attached wiring diagrams provided.
7. Removal & Replacement Info: When removing the I-LINK from the console, remove adjacent units before attempting to remove I-LINK to allow room to disconnect the cooling tube and the electrical connectors. Reverse removal instructions when installing unit.
8. Diagrams: None required

Page 1

Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Instructions for Continued Airworthiness

1. Introduction: CESSNA S550 N72AM S/N S550-004.
2. Description: The GDL 69 is an XM Satellite radio data link receiver.
3. Control, Operation Information: Operate per manufactures Pilot Guide or quick reference guide.
4. Servicing Information: The GDL 69 does not require regular cleaning.
5. Maintenance Instructions: No scheduled servicing tasks or internal manual adjustments are required on the GDL 69.
6. Trouble Shooting Information: See attached wiring diagrams provided.
7. Removal & Replacement Info: Insert the GDL 69 into the rack, noting proper oricitation as shown in install manual 190-00355-02.
8. Diagrams: None required
9. Special Inspection requirements: None required
10. Application of Protective Treatments: None required
11. Data: As listed on above 337.
12. List of Special Tools: None required
13. For commuter category aircraft: Not Applicable
14. Recommended Overhaul Periods: There are no additional overhaul time limitations.
15. Airworthiness Limitation Section: It is the installer's responsibility to preserve the essential characteristic of the aircraft being modified by this manual to be in accordance with aircraft manufacturer's original.
16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement:

"The attached revised / new Instructions for Continued Airworthiness (date _____) for the above aircraft or component major alteration have been accepted by the FAA, superseding the ICA (dated _____)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337."

PAGE 2

***** NOTHING FOLLOWS *****

Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

CESSNA S550
N72AM S/N S550-004

- 7. Removal & Replacement Info: When removing the GAD 42 from the console, remove adjacent units before attempting to remove GPS to allow room to disconnect the electrical connectors. Reverse removal instructions when installing unit.
- 8. Diagrams: None required
- 9. Special Inspection requirements: None required
- 10. Application of Protective Treatments: None required
- 11. Data: As listed on above 337.
- 12. List of Special Tools: None required
- 13. For commuter category aircraft: Not Applicable
- 14. Recommended Overhaul Periods: There are no additional overhaul time limitations.
- 15. Airworthiness Limitation Section: System not approved for IFR navigation.
- 16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement:

"The attached revised / new Instructions for Continued Airworthiness (date _____) for the above aircraft or component major alteration have been accepted by the FAA, superseding the ICA (dated _____)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337."

***** NOTHING FOLLOWS *****