

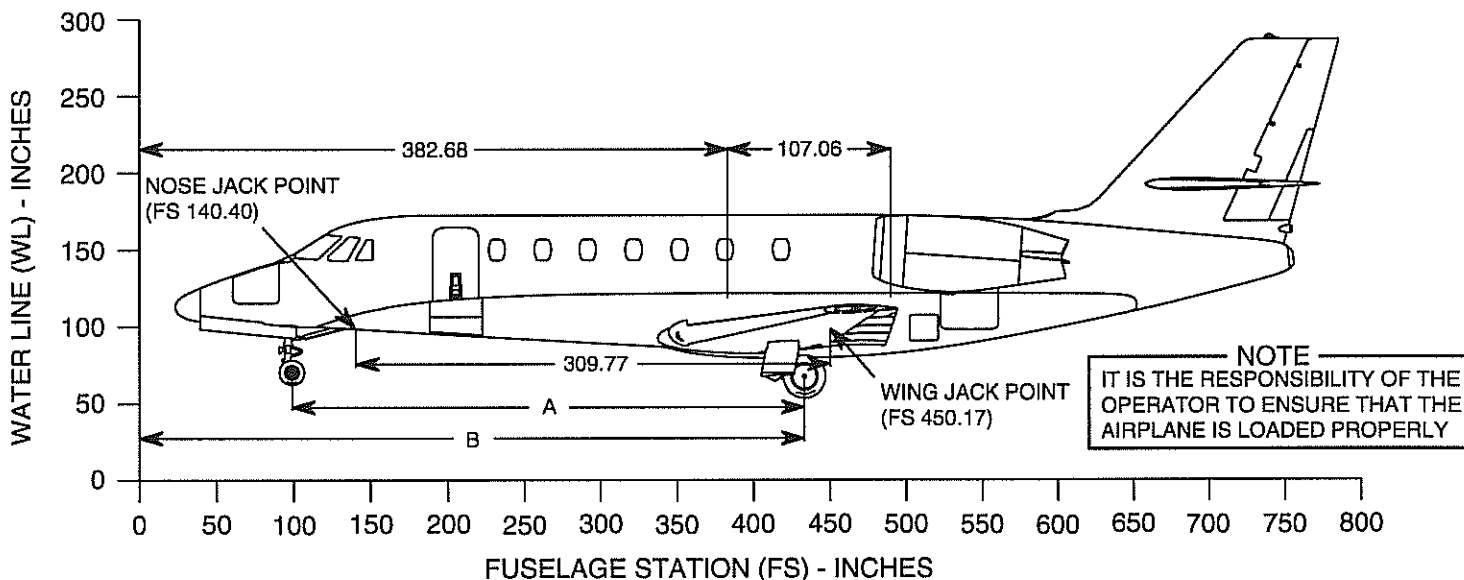
**MODEL 680
CITATION SOVEREIGN**

**WEIGHT AND
BALANCE DATA**



SERIAL NUMBER 680-0087 REGISTRATION NUMBER N5093Y DATE 9/1/2006

AIRPLANE WEIGHING FORM



LOCATING CG WITH AIRPLANE ON LANDING GEAR

LEGEND

Dimension A = Horizontal distance from center of main landing gear axle to center of nose landing gear axle (determined by measurement after airplane is level on scales or by using Figure 6-11 (Sheet 2) and the accompanying instructions).
 Dimension B = Horizontal distance from reference datum to center of main landing gear axle. Obtain this distance by measuring from nose jack point FS 140.40 to center of nose landing gear axle and subtracting this value from dimension A and adding to FS 140.40. (Must be measured after airplane is level on scales.)

FORMULA for Longitudinal CG

CG Arm of Airplane = $(\text{Dimension B}) - \frac{(\text{Dimension A}) \times (\text{Nose Landing Gear Net Weight})}{\text{Nose and Main Landing Gear Weight Totalled}}$ = () Inches Aft of Datum

LEVELING PROVISIONS

LONGITUDINAL: OUTBOARD FLOOR PANEL INSIDE OF DOOR PARALLEL TO BL 13.00
 LATERAL: ACROSS SEAT RAIL AFT OF PILOT/COPILOT SEATS.

LOCATING CG WITH AIRPLANE ON JACK PADS

FORMULA for Longitudinal CG

CG Arm of Airplane = $450.17 - \frac{309.77 \times (\text{Nose Jack Point Net Weight})}{\text{Nose and Wing Jack Point Weight Totalled}}$ = (423.45) Inches Aft of Datum

AIRPLANE WEIGHED ON WHEELS TABLE

	WEIGHT	EXPOSED OLEO LENGTH* REFER TO FIGURE 6-11 (SHEET 2)	FS	MOMENT
L MLG				
NOSE		-----	98.08	
R MLG				
TOTAL				

LOCATING PERCENT MAC

FORMULA for Percent MAC

CG Percent MAC = $\frac{(\text{CG Arm of Airplane}) - 382.68}{1.0706}$

AIRPLANE AS WEIGHED TABLE

POSITION	SCALE READING	SCALE DRIFT	TARE	NET WEIGHT
LEFT WING	8095.00	0.00	0.00	8095.00
RIGHT WING	8094.00	0.00	0.00	8094.00
NOSE	1528.00	0.00	0.00	1528.00
AIRPLANE TOTAL AS WEIGHED				17717.00

BASIC EMPTY WEIGHT AND CENTER-OF-GRAVITY TABLE

ITEM	WEIGHT (POUNDS)	CG ARM (INCHES)	MOMENT (INCH-POUNDS/100)
AIRPLANE (CALCULATED OR WEIGHED) (INCLUDES ALL UNDRAINABLE FLUIDS AND FULL OIL)	17717.00	423.45	75022.64
DRAINABLE UNUSABLE FUEL AT 6.75 POUNDS PER GALLON	47.28	386.26	182.62
See attached sheet	-45.60	416.89	-190.10
BASIC EMPTY WEIGHT	17718.68	423.37	75015.16

CESSNA AIRCRAFT COMPANY, AIRCRAFT DIVISION, P.O. BOX 7704, WICHITA, KANSAS 67277



The items listed below are the shortages and overages of 680-0087.
 The totals of these items are figured into the Basic Empty Weight on the first page of these Weight and Balance Forms.

Shortages

	Weight	CG	Moment/100
Permanent Carpet	121.21	288.13	349.24
Permanent Cabin Steps	26.80	205.19	54.99
Aft Divider	4.40	402.84	17.72

Overages

	Weight	CG	Moment/100
HF2 Coupler	15.95	642.10	102.41
HF2 Receiver	5.57	477.35	26.59
HF2 Amp	6.96	476.80	33.19
Leveling Bar and Inclinometer	10.00	157.00	15.70
Temp Cabin Steps	29.30	205.19	60.12
Interior Protection Kit	10.00	276.22	27.62
Temp Carpet	120.23	288.13	346.42

**MODEL 680
CITATION SOVEREIGN**

**WEIGHT AND
BALANCE DATA**



SERIAL NUMBER 680-0087 REGISTRATION NUMBER N5093Y DATE 9/1/2006

WEIGHT AND BALANCE COMPUTATION FORM

PAYLOAD COMPUTATIONS				ITEM	WEIGHT (POUNDS)	MOMENT/ 100
ITEM	ARM (INCHES)	WEIGHT (POUNDS)	MOMENT/ 100			
				1. BASIC EMPTY WEIGHT * Airplane CG = <u>423.36</u>	17719	75015
OCCUPANTS				2. PAYLOAD	2260	6811
Pilot (PIC)	137.28	200.00	274.56	3. ZERO FUEL WEIGHT (sub-total) (Do not exceed maximum zero fuel weight of 20,450 pounds.)	19979	81826
CoPilot (SIC)	137.28	200.00	274.56	4. FUEL LOADING	10270	42095
RSF Seat 11	204.04	170.00	346.87	5. RAMP WEIGHT (sub-total) (Do not exceed maximum ramp weight of 30,550 pounds.)	30249	123921
Seat 3	239.03	170.00	406.35	6. LESS FUEL FOR TAXIING	250	1079
Seat 4	239.03	170.00	406.35	7. * * TAKEOFF WEIGHT (Do not exceed maximum takeoff weight of 30,300 pounds.)	* * *	
Seat 5	287.29	170.00	488.39	* * Airplane CG= <u>409.49</u> * * *	29999	122842
Seat 6	287.29	170.00	488.39	8. LESS FUEL TO DESTINATION	5000	20935
Seat 7	329.15	170.00	559.56	9. * * LANDING WEIGHT (Do not exceed maximum landing weight of 27,100 pounds.)	* * *	
Seat 8	329.15	170.00	559.56	* Airplane CG= <u>407.64</u> * * *	24999	101907
Seat 10	377.41	170.00	641.60	* Airplane CG= $\frac{\text{MOMENT}/100}{\text{WEIGHT}} \times 100$		
Seat 9	377.41	170.00	641.60	* * Totals must be within approved weight and center-of- gravity limits. It is the responsibility of the operator to ensure that the airplane is loaded properly. The Basic Empty Weight CG is noted on the Airplane Weighing Form. If the airplane has been altered, refer to the Weight and Balance Record for information.		
Chart Cases	158.14	0.00	0.00	* * * Enter on the Center-of-Gravity Limits Envelope Graph to verify airplane is loaded within approved limits.		
LH Fwd Closet	173.95					
RH Fwd Ref Center	178.89					
LH Aft Vanity	417.85					
Aft Closet	440.82					
Tailcone Baggage	488.23	330.00	1722.83			
	541.95					
Coat Rod	541.78					
PAYLOAD		2260.00	6810.62			

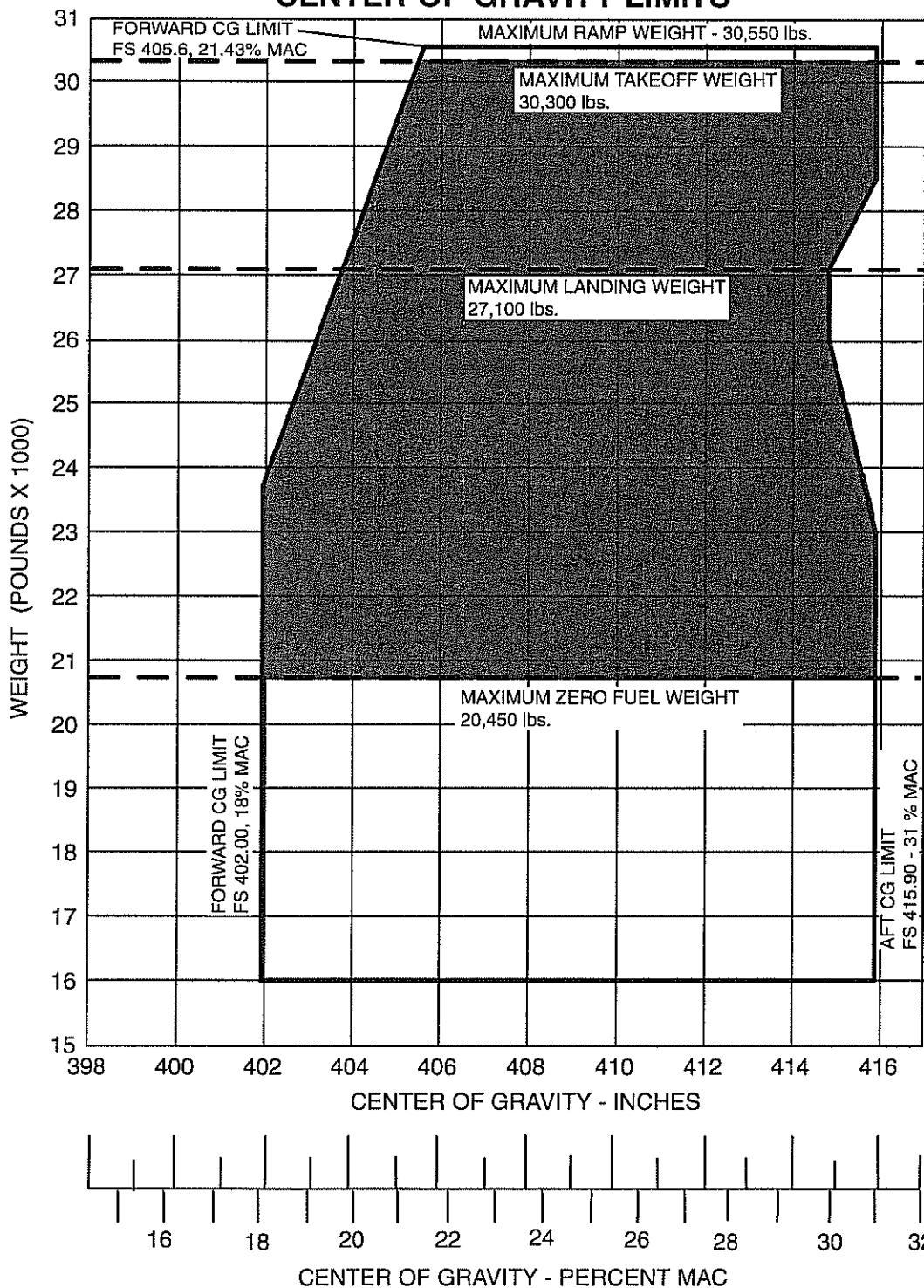
**MODEL 680
CITATION SOVEREIGN**

**WEIGHT AND
BALANCE DATA**



SERIAL NUMBER 680-0087 REGISTRATION NUMBER N5093Y DATE 9/1/2006

CENTER-OF-GRAVITY LIMITS



**MODEL 680
CITATION SOVEREIGN**

**WEIGHT AND
BALANCE DATA**



SERIAL NUMBER 680-0087 REGISTRATION NUMBER N5093Y DATE 9/1/2006

FUEL LOADING WEIGHT AND MOMENT TABLE

WING TANK FUEL			
Weight (Pounds)	Moment/100 Arm Varies (in-lbs)	Weight (Pounds)	Moment/100 Arm Varies (in-lbs)
237.6	910.82	5800	23292.81
400	1533.16	6000	24119.78
600	2297.48	6200	24948.16
800	3070.93	6400	25776.56
1000	3851.83	6600	26606.43
1200	4638.90	6800	27437.78
1400	5429.74	7000	28270.11
1600	6224.63	7200	29103.04
1800	7021.57	7400	29937.38
2000	7821.77	7600	30773.11
2200	8622.87	7800	31609.65
2400	9427.40	8000	32447.03
2600	10231.76	8200	33285.77
2800	11038.70	8400	34125.84
3000	11847.34	8600	34968.36
3200	12656.30	8800	35812.72
3400	13467.65	9000	36658.49
3600	14279.76	9200	37506.04
3800	15092.33	9400	38358.25
4000	15906.93	9600	39212.04
4200	16722.60	9800	40067.39
4400	17538.74	10000	40928.09
4600	18356.68	10200	41790.90
4800	19176.31	10400	42656.07
5000	19996.84	10600	43526.61
5200	20819.08	10800	44399.05
5400	21643.05	11000	45275.38
5600	22467.42	11223	46255.26

**MODEL 680
CITATION SOVEREIGN**

**WEIGHT AND
BALANCE DATA**



SERIAL NUMBER 680-0087 REGISTRATION NUMBER N5093Y DATE 9/1/2006

LATERAL MOMENT OF WING FUEL TANKS

LEFT WING FUEL TANK		RIGHT WING FUEL TANK	
Fuel Weight (Pounds)	Lateral Moment/100 Arm Varies (in-lbs)	Fuel Weight (Pounds)	Lateral Moment/100 Arm Varies (in-lbs)
118.8	-33.09	118.8	33.09
200.0	-49.05	200.0	49.05
400.0	-127.21	400.0	127.21
600.0	-240.53	600.0	240.53
800.0	-374.53	800.0	374.53
1000.0	-525.08	1000.0	525.08
1200.0	-689.33	1200.0	689.33
1400.0	-864.26	1400.0	864.26
1600.0	-1050.23	1600.0	1050.23
1800.0	-1246.76	1800.0	1246.76
2000.0	-1451.42	2000.0	1451.42
2200.0	-1665.56	2200.0	1665.56
2400.0	-1890.42	2400.0	1890.42
2600.0	-2125.63	2600.0	2125.63
2800.0	-2371.07	2800.0	2371.07
3000.0	-2624.74	3000.0	2624.74
3200.0	-2887.14	3200.0	2887.14
3400.0	-3158.32	3400.0	3158.32
3600.0	-3437.62	3600.0	3437.62
3800.0	-3726.09	3800.0	3726.09
4000.0	-4025.04	4000.0	4025.04
4200.0	-4334.35	4200.0	4334.35
4400.0	-4663.13	4400.0	4663.13
4600.0	-5005.75	4600.0	5005.75
4800.0	-5381.94	4800.0	5381.94
5000.0	-5782.85	5000.0	5782.85
5200.0	-6213.84	5200.0	6213.84
5400.0	-6680.66	5400.0	6680.66
5611.5	-7209.87	5611.5	7209.87

**MODEL 680
CITATION SOVEREIGN**

**WEIGHT AND
BALANCE DATA**



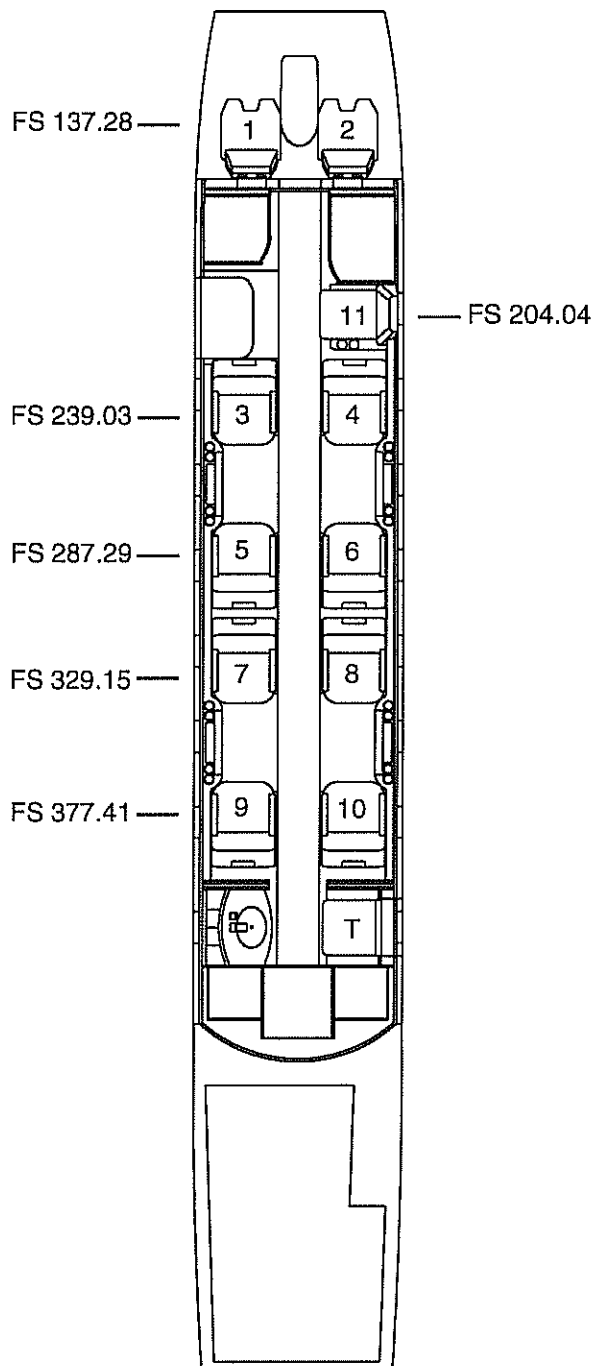
SERIAL NUMBER 680-0087 REGISTRATION NUMBER N5093Y DATE 9/1/2006

**CREW AND PASSENGERS COMPARTMENTS
WEIGHT AND MOMENT TABLE
STANDARD DOUBLE CLUB SEAT ARRANGEMENT**

CREW AND PASSENGER SEATS

**CREW AND PASSENGER
MOMENT ARMS**

WEIGHT (POUNDS)	MOMENT/100 (INCH - POUNDS)					
	SEAT 1 OR SEAT 2 ARM = FS 137.28 in.	SEAT 3 OR SEAT 4 ARM = FS 239.03 in.	SEAT 5 OR SEAT 6 ARM = FS 287.29 in.	SEAT 7 OR SEAT 8 ARM = FS 329.15 in.	SEAT 9 OR SEAT 10 ARM = FS 377.41 in.	SIDE FACING SEAT 11 ARM = FS 204.04 in.
50	68.64	119.52	143.65	164.58	188.71	102.02
60	82.37	143.42	172.37	197.49	226.45	122.42
70	96.10	167.32	201.10	230.41	264.19	142.83
80	109.82	191.22	229.83	263.32	301.93	163.23
90	123.55	215.13	258.56	296.24	339.67	183.64
100	137.28	239.03	287.29	329.15	377.41	204.04
110	151.01	262.93	316.02	362.07	415.15	224.44
120	164.74	286.84	344.75	394.98	452.89	244.85
130	178.46	310.74	373.48	427.90	490.63	265.25
140	192.19	334.64	402.21	460.81	528.37	285.66
150	205.92	358.55	430.94	493.73	566.12	306.06
160	219.65	382.45	459.66	526.64	603.86	326.46
170	233.38	406.35	488.39	559.56	641.60	346.87
180	247.10	430.25	517.12	592.47	679.34	367.27
190	260.83	454.16	545.85	625.39	717.08	387.68
200	274.56	478.06	574.58	658.30	754.82	408.08
210	288.29	501.96	603.31	691.22	792.56	428.48
220	302.02	525.87	632.04	724.13	830.30	448.89
230	315.74	549.77	660.77	757.05	868.04	469.29
240	329.47	573.67	689.50	789.96	905.78	489.70
250	343.20	597.58	718.23	822.88	943.53	510.10
260	356.93	621.48	746.95	855.79	981.27	530.50
270	370.66	645.38	775.68	888.71	1019.01	550.91
280	384.38	669.28	804.41	921.62	1056.75	571.31
290	398.11	693.19	833.14	954.54	1094.49	591.72
300	411.84	717.09	861.87	987.45	1132.23	612.12
310	425.57	740.99	890.60	1020.37	1169.97	632.52
320	439.30	764.90	919.33	1053.28	1207.71	652.93
330	453.02	788.80	948.06	1086.20	1245.45	673.33
340	466.75	812.70	976.79	1119.11	1283.19	693.74



**MODEL 680
CITATION SOVEREIGN**

**WEIGHT AND
BALANCE DATA**



SERIAL NUMBER 680-0087 REGISTRATION NUMBER N5093Y DATE 9/1/2006

**BAGGAGE AND CABINET COMPARTMENTS STANDARD
WEIGHT AND MOMENT TABLES**

**LH
NAVIGATION
CHART CASE**

WEIGHT (POUNDS)	MOMENT/100
	NAVIGATION CHART CASE ARM = FS 159.03 in.
5	7.95
10	15.90
15	23.85

**RH
NAVIGATION
CHART CASE**

WEIGHT (POUNDS)	MOMENT/100
	NAVIGATION CHART CASE ARM = FS 159.03 in.
5	7.95
10	15.90
15	23.85

**LH FWD
CLOSET**

WEIGHT (POUNDS)	MOMENT/100
	LH FORWARD CLOSET ARM = FS 173.05 in.
10	17.31
20	34.61
30	51.92
40	69.22
50	86.53
60	103.83
70	121.14
80	138.44
90	155.74
100	173.05
110	190.36
119	205.93

**RH FWD
REFRESHMENT
CENTER**

WEIGHT (POUNDS)	MOMENT/100
	REFRESHMENT CENTER ARM = FS 177.70 in.
10	17.77
20	35.54
30	53.31
40	71.08
50	88.85
60	106.62
70	124.39
80	142.16
90	159.93
100	177.70
110	195.47
117	207.91

AFT VANITY

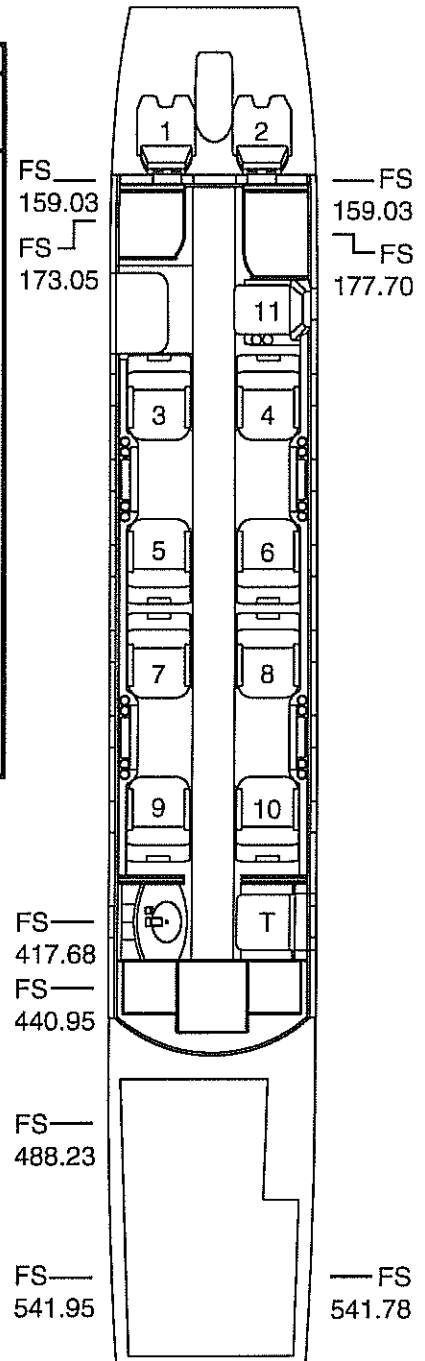
WEIGHT (POUNDS)	MOMENT/100
	AFT VANITY ARM = FS 417.68 in.
5	20.88
10	41.77
15	62.65
20	83.54
25	104.42
30	125.30
35	146.19
40	167.07
45	187.96
50	208.84
55	229.72

**AFT
BULKHEAD
CLOSET**

WEIGHT (POUNDS)	MOMENT/100
	BULKHEAD CLOSET ARM = FS 440.95 in.
10	44.10
20	88.19
30	132.29
40	176.38
50	220.48
60	264.57
70	308.67
80	352.76
90	396.86
100	440.95
110	485.05
120	529.14
130	573.23
140	617.33
150	661.43
160	705.52
170	749.61
180	793.71
190	837.81
200	881.90
210	925.99
220	970.09
230	1014.19
240	1058.28
250	1102.38
260	1146.47
262	1155.29

**BAGGAGE
COMPARTMENT
CONTENTS**

WEIGHT (POUNDS)	MOMENT/100 (INCH - POUNDS)		
	FWD COMPARTMENT ARM = FS 488.23 in.	AFT COMPARTMENT ARM = FS 541.95 in.	TAILCONE COAT ROD ARM = FS 541.78 in.
10	48.82	54.20	54.18
30	146.47	162.59	162.53
50	244.12	270.98	270.89 ***
70	341.76	379.37	
90	439.41	487.76	
110	537.05	596.15	
130	634.70	704.54	
150	732.35	812.93	
170	829.99	921.32	
190	927.64	1029.71	
210	1025.28	1138.10	
230	1122.93	1246.49	
250	1220.58	1354.88	
270	1318.22	1463.27	
290	1415.87	1571.66	
310	1513.51	1680.05	
330	1611.16	1788.44	
350	1708.81	1896.83	
370	1806.45	2005.22	
390		2113.61	
410		2222.00	
430		2330.39	
450		2438.78	
470		2547.17	
490		2655.56	
510		2763.95	
530		2872.34	
550		2980.73	
570		3089.12	
590		3197.51	
610		3305.90	
630		3414.29	



NOTE*** The 630 pound maximum capacity in the Aft Compartment includes 50 pounds allowable for Tailcone Coat Rod loading.

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.)
	Air Conditioning				
	AIR CYCLE MACHINE	9912493-1	1	37.60	586.67
	WATER SEPARATOR	9912493-7	1	4.80	595.37
	Communications				
612C	ANTENNA COMM2 S65-8282-1	8901001-1	1	2.02	326.06
612C	ANTENNA COMM1 S65-8282-1	8901002-1	1	2.02	324.43
632B	MIC ASSY (PILOT) C596501-0202	8915001-1	1	0.40	123.11
632B	MIC ASSY (COPILOT) C596501-0202	8915002-1	1	0.40	123.15
634T	HEADSET TELEX 850 301317-000	8915003-2	2	0.72	156.74
634T	COCKPIT VOICE RECORDER 2100-1020-02	8922001-1	1	10.04	646.56
634T	CVR MICROPHONE S056-0047-00	8954007-1	1	0.23	115.18
634T	CONTROL UNIT S261-1120-00	Pedestal	1	0.40	140.96
632B	EQUIP. INSTL. - MRC 1 W/ENHANCED SURV.	8901005-6	1	28.14	470.42
632B	EQUIP. INSTL. MRC #2 W/ENHANCED SURVEILLANCE	8901006-10	1	25.37	512.17
632B	HF 1 AMP KPA-1052 064-01072-0101	8910001-2	1	6.96	476.80
632B	HF 1 RECEIVER KRX-1053 S3100-411	8910001-8	1	5.57	477.35
634T	HF 1 COUPLER KAC-1052 S3100-412	8910005-7	1	15.95	642.10
634T	FDR AILERON POS SENSOR 3A1322A	8919001-1	1	0.31	484.06
634T	FDR ELEV POS SENSOR 3A1322A	8919002-1	1	0.31	711.78
634T	FDR RUDDER POS SENSOR 3A1322A	8919003-10	1	0.31	710.93
634T	FLT. DATA RECORDER 2100-2042-00	8922003-1	1	10.50	646.39
694P	COMM MGMT ANTENNA S65-8282-1	8923001-1	1	2.02	496.39
694P	CMF RADIO 7026201-804	8923006-6	1	3.80	478.05
697S	7031051-904 DATA MANAGEMENT UNIT	8923008-1	1	2.40	172.66
632E	SELCAL RECEIVER CSD-714 1200008-000	8954006-7	1	2.46	508.98
632E	AUDIO AMP 7511001-917	LH Panel	1	3.24	111.42
674G	AIRSHOW CONTROLLER 922000-2	Pedestal	1	0.94	142.50
632E	AUDIO AMP 7511001-917	RH Panel	1	3.24	111.28

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (lb.)	ARM (in.)
	Electrical Power				
	AVIONICS J-BOX LH	8955002-1	1	0.78	67.22
	AVIONICS J-BOX RH	8955002-1	1	0.93	67.22
	BATTERY, 44 A HR MARATHON	9914058-6	2	163.80	511.73
	AMMETER S3439-2	RH Panel	1	0.30	112.15
	Equipment/Furnishings				
	RH SFS FASCIA UPHOLSTERY	4419211-1	1	1.76	205.22
	CABIN WINDOW REVEAL-LH MID	4419224-1	1	11.72	314.00
	CABIN WINDOW REVEAL-RH	4419224-2	1	13.63	296.20
	CABIN WINDOW REVEAL-ESCAPE	4419224-5	1	1.68	417.94
	CABIN WINDOW REVEAL-LH AFT	4419224-7	1	1.87	418.05
	TOILET SEAT UPHOLSTERY INSTL	4419232-11	1	4.37	417.94
	BAGGAGE COMP CARPET INSTL	4419254-1	1	34.94	519.78
	AFT BAGGAGE RESTRAINT KIT INST	4419267-1	1	0.88	516.60
	FIRE EXTINGUISHER INSTL	4419294-1	1	5.40	182.90
	110V INVERTER INSTL	4419307-1	1	7.87	438.55
	WATER BARRIER INSTL	4419311-1	1	9.82	448.16
	ELT ANTENNA 95210600-05	8902001-1	1	1.11	479.32
	ELT TRANSMITTER S1821502-02	8902002-1	1	2.14	480.11
187	CONFIGURAT 925940-4241-0		1	0.00	0.00
187	SWITCH BEZEL W/ HEADPHONE 401411-1		9	0.99	296.77
187	SWITCH BEZEL W/O HEADPHONE 401412-1		2	0.22	309.85
187	STEP MAT INSTALLATION-GREY	4419088-3	1	2.95	205.33
187	RH FWD SFS INSTL - NOBLE	4419130-3	1	24.68	205.23
187	COCKPIT CURTAIN INSTL	4419222-1	1	1.98	161.52
187	CABIN CARPET INSTL	4419252-1	1	121.21	288.13
187	GASPER AIR INSTL	4419260-1	1	0.46	182.70
187	AIRSHOW 4000 INSTL	4419283-8	1	9.50	435.34
187	SUB-WOOFER INSTL	4419289-1	1	4.39	297.83
187	OVERHD SPEAKER INSTL	4419289-8	1	8.34	297.78
187	FIRE AXE INSTL	4419367-1	1	0.21	159.59
187	AFT DIVIDER ASSY - LH	4479004-19	1	24.40	402.84

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (lb.)	ARM (in.)
187	AFT DIVIDER ASSY - RH	4479013-10	1	23.60	402.84
187	RH FWD SFS PARTITION ASSY	4479029-17	1	13.00	218.38
187	TOILET FASCIA & SEAT ASSY	4479045-22	1	9.20	417.72
187	LH CHART CASE	4479289-1	1	6.60	158.97
187	VANITY CABINET	4479442-1	1	72.40	417.68
187	LH FWD CLOSET	4479443-1	1	71.40	173.05
187	RH CHART CASE	4479445-2	1	5.00	159.03
187	AFT BULKHEAD CLOSET ASSY	4479447-1	1	137.90	440.95
187	SIDELEDGE ASSY-LH	4479452-1	1	64.80	309.92
187	SIDELEDGE ASSY-RH	4479452-2	1	64.80	304.62
187	RH FWD 31" REF CENTER	4479521-1	1	167.40	177.70
187	CREW SEAT INSTL-LH	4611705-3	1	45.90	148.15
187	CREW SEAT INSTL-RH	4611705-4	1	45.90	148.27
187	PASSENGER SEAT 6-RH FWD	4611819-10	1	63.70	297.50
187	PASSENGER SEAT 3-LH AFT	4611819-2	1	63.70	228.82
187	PASSENGER SEAT 4-RH AFT	4611819-3	1	63.70	228.82
187	PASSENGER SEAT 8-RH AFT	4611819-3	1	63.70	318.94
187	PASSENGER SEAT 9-LH FWD	4611819-3	1	63.70	387.62
187	PASSENGER SEAT 10-RH FWD	4611819-4	1	63.70	387.62
187	PASSENGER SEAT 7-LH AFT	4611819-4	1	63.70	318.94
187	PASSENGER SEAT 5-LH FWD	4611819-9	1	63.70	297.50

Flight Controls

	PITCH WHEEL ASSY	8959001-6	1	0.14	127.63
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Fuel

	LOCKING FUEL CAP, LH	9914106-13	1	0.69	435.25
	LOCKING FUEL CAP, RH	9914106-13	1	0.69	435.25

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (lb.)	ARM (in.)
	Indicating/Recording Systems				
	CABIN RATE OF CLIMB	9914059-1	1	0.55	111.15
	CABIN ALT/DIFF PRESSURE INDICATOR	9914060-1	1	0.57	111.35
	WARNING UNIT LH	9915001-1	1	1.28	63.09
	WARNING UNIT RH	9915001-1	1	1.28	63.09
	Landing Gear				
	NLG - WHEEL ASSY	9914473-1	2	14.20	51.15
	MLG - WHEEL ASSY LH	9914655-1	2	59.00	423.75
	MLG - WHEEL ASSY RH	9914655-1	2	59.00	423.75
	MLG - BRAKE ASSY LH	9914655-3	2	72.40	423.75
	MLG - BRAKE ASSY RH	9914655-3	2	72.40	423.75
	MICHELIN TIRES	9914661-1	4	95.20	423.75
	TIRES MICHELIN (NOSE)	9914718-1	2	20.40	51.15
54A	FLOODLIGHT INSTL. PYLON	6918502-1	1	2.34	506.33
	Lights				
	Navigation				
	NAV 1 & 2 ANTENNA DMN-17/P	8903001-1	1	2.86	737.46
	ADF 1 ANTENNA 7510300-901	8904003-1	1	3.38	505.65
	MARKER BEACON ANTENNA C165	8905001-1	1	0.90	258.96
	GPS 1 ANTENNA S67-1575-132	8905002-1	1	0.50	166.35
	GPS 2 ANTENNA S67-1575-132	8905003-1	1	0.50	177.12
	DME 1 ANTENNA DMNI50-2-2	8907001-1	1	0.22	228.08
	DME 2 ANTENNA DMNI50-2-2	8907002-1	1	0.22	527.85
	XPDR 1 ANTENNA DMNI50-2-2	8908001-1	1	0.22	337.40
	XPDR 2 ANTENNA DMNI50-2-2	8908002-1	1	0.22	337.40
	TCAS ANTENNA (UPR) 071-01548-0200	8908003-1	1	1.66	205.17
	TCAS ANTENNA (LWR) 071-01548-0100	8908004-4	1	1.66	281.83
	XPDR 1 (DIV) ANTENNA DMNI50-2-2	8908005-1	1	0.22	246.76

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (lb.)	ARM (in.)
	XPDR 2 (DIV) ANTENNA DMNI50-2-2	8908006-1	1	0.22	246.69
	TCAS II 066-01146-1211	8908007-10	1	17.25	76.95
	RADIO ALT ANTENNA S67-2002-4	8916001-1	2	0.44	477.22
	RADIO ALTIMETER 7001840-936	8916002-1	1	4.54	511.30
	FLUX DETECTOR 822-1193-001	8917001-1	2	1.76	709.27
	9-SLOT MAU CABINET 7031631-1950	8954001-4	1	11.44	80.16
	ACTUATOR I/O MODULE 7028432-1901	8954001-4	2	4.14	80.16
	AIR DATA MODULE HG1153CA02 AZ-200	8954001-4	1	1.41	63.71
	CMC MODULE 7026548-1901	8954001-4	1	1.40	80.16
	DUAL NIC MODULE W/PROC 7026542-1901	8954001-4	1	2.02	80.16
	ENH GROUND PROX MODULE 7028419-1902	8954001-4	1	1.46	80.16
	EXTERNAL COMP UNIT 822-1200-005	8954001-4	1	0.17	71.67
	GENERIC I/O MODULE 7025364-1901	8954001-4	1	1.30	80.16
	MAU POWER SUPPLY 7024440-1901	8954001-4	1	3.81	80.16
	SELF LEVELING AHRS 822-1110-002	8954001-4	1	4.33	71.67
	9-SLOT MAU CABINET 7031631-1950	8954002-5	1	11.44	80.16
	ACTUATOR I/O MODULE 7028432-1901	8954002-5	2	4.14	80.16
	AZ-200 AIR DATA MODULE HG1153CA02	8954002-5	1	1.41	63.67
	CONTROL I/O CONTROLLER 7026534-1902	8954002-5	1	1.20	80.16
	DUAL NIC MODULE W/PROC 7026542-1901	8954002-5	1	2.02	80.16
	EXTERNAL COMP UNIT 822-1200-005	8954002-5	1	0.17	88.65
	GENERIC I/O MODULE 7025364-1901	8954002-5	1	1.30	80.16
	GPS MODULE 245-604067-001	8954002-5	1	1.39	80.16
	MAU POWER SUPPLY 7024440-1901	8954002-5	1	3.81	80.16
	SELF LEVELING AHRS 822-1110-002	8954002-5	1	4.33	88.65
	5-SLOT MAU CABINET 7031631-1951	8954003-4	1	8.84	471.25
	CONTROL I/O CONTROLLER 7026534-1902	8954003-4	1	1.20	471.25
	CUSTOM I/O MODULE 7029685-1901	8954003-4	1	1.01	471.25
	DUAL NIC MODULE W/PROC 7026542-1901	8954003-4	1	2.02	471.25
	GENERIC I/O MODULE 7025364-1901	8954003-4	1	1.30	471.25
	GPS MODULE 245-604067-001	8954003-4	1	1.39	471.25
	MAU POWER SUPPLY 7024440-1901	8954003-4	1	3.81	471.25
	5-SLOT MAU CABINET 7031631-1951	8954004-3	1	8.84	511.47
	CUSTOM I/O MODULE 7029685-1901	8954004-3	1	1.01	511.47
	DATABASE MODULE 7026532-1902	8954004-3	1	0.77	511.47
	DUAL NIC MODULE W/PROC 7026542-1901	8954004-3	1	2.02	511.47
	GENERIC I/O MODULE 7025364-1901	8954004-3	1	1.30	511.47
	MAU POWER SUPPLY 7024440-1901	8954004-3	1	3.81	511.47

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (lb.)	ARM (in.)
	DC-840 DISPLAY CONTROLLER 7016683-971	8954007-1	2	4.42	112.94
	GP400 GUIDANCE PANEL 7022010-909	8954007-1	1	5.26	111.73
	MCDU 7025725-912	8959021-1	2	13.00	115.81
	GLIDE SLOPE ANTENNA RGS10-48	9506000-2	1	0.08	33.79
	GLIDE SLOPE COUPLER CI503	9506000-2	1	0.16	39.13
	WU-880 RADAR 7021450-801	9511044-1	1	15.72	38.10
	DU-1080 FLAT PNL DISPLAY 7023460-801	Center Pnl	2	31.44	108.74
	SECONDARY FLIGHT DISPLAY 501-1741-2104	Center Pnl	1	3.51	108.95
	STANDBY HSI 501-1879-0101	Center Pnl	1	2.29	109.21
	DU-1080 FLAT PNL DISPLAY 7023460-801	LH Panel	1	15.72	108.74
	REVERSIONARY CONTROLLER LH	LH Panel	1	0.93	112.34
	CC-950 CURSOR CTRL DEVICE 7028610-903	Pedestal	2	6.94	137.09
	WC-880 CONTROLLER 7008471-417	Pedestal	1	1.86	132.49
	DU-1080 FLAT PNL DISPLAY 7023460-801	RH Panel	1	15.72	108.74
	REVERSIONARY CONTROLLER RH	RH Panel	1	0.93	112.34
87	IRIDIUM/GPS ANTENNA S67-1575-109	8901016-2	1	0.50	419.37
GPS1	011-00147-00 GA 56 ANTENNA	8905004-1	1	0.38	166.49
630A	LTNG DETECT ANTENNA 4057697-901	8911002-1	1	1.94	157.01
630A	LTNG DETECT PROCESSOR 7011822-904	8911003-17	1	6.04	88.65
Oxygen					
	CREW MASKS MC10-16-100	6914013-1	2	2.00	132.73
	OXYGEN BOTTLE 804882-14	6914013-1	1	22.00	292.34
	GOGGLES, -2 S.G.A.	9914067-40	2	0.66	157.75
66K	OXYGEN BOTTLE 804882-14	6914014-1	1	22.00	292.35
Fuselage					
90B	MOORING RING INSTL	6991015-1	1	0.42	420.91
Propellers/Propulsion					
	THRUST REVERSE INSTL. LH	9914645-7	1	137.60	585.29
	THRUST REVERSE INSTL. RH	9914645-8	1	137.60	585.29

Serial Number: 680-0087
 AO Change: 7

Cessna Citation Sovereign
 Equipment List
 8/21/2006

FACTORY KIT	ITEM	PART NUMBER	QTY	WEIGHT (lb.)	ARM (in.)
	Power Plant				
	ENGINE, LH	9914640-1	1	1145.00	534.17
	ENGINE, RH	9914640-1	1	1145.00	534.17
	Engine Indicating				
	STANDBY ENGINE INDICATOR 10677N01M01	Center Pnl	1	1.88	110.35
	Loose Equipment				
187	FIRST AID KIT 932-1528-61		1	3.36	484.19
187	COAT HANGER	9910143-1	11	2.97	484.19
187	FOLDABLE HEADSET SPORT/APRO		9	3.59	296.77
187	IR REMOTE CONTROL 106067-3		2	0.36	172.00
187	LOGITECH OPT 9309S2-0403		1	0.28	284.62
187	PLUG-IN MONITOR (7") 7000-111		4	10.84	0.00
187	LIFEVEST P01074-207		11	13.00	283.87
187	3" ASH TRAY B 2021M-00PC		1	0.33	0.00