

From: [Silliman James](#)
To: [Silliman James](#)
Subject: FW: CEN19LA039: Cessna Aircraft Information
Date: Monday, July 8, 2019 7:16:29 AM
Attachments: [Occupant seating chart.pdf](#)

From: Soderlund, Henry <[REDACTED]>
Sent: Friday, July 5, 2019 12:35 PM
To: Silliman James <[REDACTED]>
Subject: RE: CEN19LA039: Cessna Aircraft Information

Hello Jim,

Got the aircraft build paperwork this morning. The attached file shows the seating configuration of 550-0146 at time of delivery, except it do not have seat 10 (the one immediately behind the co-pilot seat). A refreshment center was installed there. So, 2 cockpit seats, 7 cabin seats, and the unbelted toilet.

Let me know if you need anything else.

Henry J. Soderlund
Senior Air Safety Investigator, Air Safety Investigations
Textron Aviation

[REDACTED] MOBILE

From: Silliman James <[REDACTED]>
Sent: Monday, July 1, 2019 12:05 PM
To: Soderlund, Henry <[REDACTED]>
Subject: CEN19LA039: Cessna Aircraft Information

Henry,

Was Cessna C550, N941JM, serial number 550-0146, manufactured in 1980, originally configured with 7 seats in the cabin?

Jim

UNIT NUMBER _____ REGISTRATION NUMBER _____ DATE _____
SERIAL NUMBER _____

CREW AND PASSENGERS COMPARTMENTS WEIGHT AND MOMENT TABLES OPTION 1 SEAT ARRANGEMENT
AIRPLANES -0002 THRU -0505

CREW AND PASSENGER SEATS

WEIGHT (POUNDS)	MOMENT/100								
	1ST OR 2ND SEATS ARM = 131"	3RD OR 4TH SEATS ARM = 217"	5TH OR 6TH SEATS ARM = 253"	7TH OR 8TH SEATS ARM = 288"	9TH OR 10TH SEATS ARM = 170"	LOUNGE SEAT ARM = 167"	AFT FLUSHING TOILET (OPTIONAL) ARM = 325"	AFT PORTABLE SEAT ARM = 333"	
50	65.5	108.5	126.5	144.0	85.0	83.5	162.5	166.5	
60	78.5	130.2	151.8	172.8	102.0	100.2	195.0	199.8	
70	91.7	151.9	177.1	201.6	119.0	116.9	227.5	233.1	
80	104.8	173.6	202.4	230.4	136.0	133.6	260.0	266.4	
90	117.9	195.3	227.7	259.2	153.0	150.3	292.5	299.7	
100	131.0	217.0	253.0	288.0	170.0	167.0	325.0	333.0	
110	144.1	238.7	278.3	316.8	187.0	183.7	357.5	366.3	
120	157.2	260.4	303.6	345.6	204.0	200.4	390.0	399.6	
130	170.3	282.1	328.9	374.4	221.0	217.1	422.5	432.9	
140	183.4	303.8	354.2	403.2	238.0	233.8	455.0	466.2	
150	196.5	325.5	379.5	432.0	255.0	250.5	487.5	499.5	
160	209.6	347.2	404.8	460.8	272.0	267.2	520.0	532.8	
170	222.7	368.9	430.1	489.6	289.0	283.9	552.5	566.1	
180	235.8	390.6	455.4	518.4	306.0				
190	248.9	412.3	480.7	547.2	323.0				
200	262.0	434.0	506.0	576.0	340.0				
210	275.1	455.7	531.3	604.8	357.0				
220	288.2	477.4	556.6	633.6	374.0				
230	301.3	499.1	581.9	662.4	391.0				
240	314.4	520.8	607.2	691.2	408.0				
250	327.5	542.5	632.5	720.0	425.0				
260	340.6	564.2	657.8	748.8	442.0				
270	353.7	585.9	683.1	777.6	459.0				
280	366.8	607.6	708.4	806.4	476.0				
290	379.9	629.3	733.7	835.2	493.0				
300	393.0	651.0	759.0	864.0	510.0				
310	406.1	672.7	784.3	892.8	527.0				
320	419.2	694.4	809.6	921.6	544.0				
330	432.3	716.1	834.9	950.4	561.0				
340	445.4	737.8	860.2	979.2	578.0				

FUEL

WEIGHT (POUNDS)	MOMENT/100 AIR VARIES	WEIGHT (POUNDS)	MOMENT/100 AIR VARIES
100	298	2600	7415
200	590	2700	7700
300	879	2800	7984
400	1164	2900	8269
500	1449	3000	8555
600	1732	3100	8840
700	2015	3200	9125
800	2298	3300	9412
900	2582	3400	9697
1000	2866	3500	9982
1100	3150	3600	10269
1200	3434	3700	10556
1300	3719	3800	10843
1400	4003	3900	11131
1500	4289	4000	11418
1600	4573	4100	11706
1700	4857	4200	11993
1800	5141	4300	12281
1900	5426	4400	12568
2000	5710	4500	12856
2100	5994	4600	13142
2200	6279	4700	13430
2300	6563	4800	13717
2400	6847	4900	14008
2500	7131	5000	14319

CABINET CONTENTS

WEIGHT (POUNDS)	MIDSHIP			
	REFRESHMENT CENTER ARM = 234"	CABINET WITH MAPCO ARM = 234"	3 DRAWER CABINET ARM = 234"	STEREO CABINET ARM = 234"
	MOMENT/100			
5	11.7	11.7	11.7	11.7
10	23.4	23.4	23.4	23.4
15	35.1	35.1	35.1	35.1
20			46.8	

BAGGAGE CONTENTS

WEIGHT (POUNDS)	NOSE COMPARTMENT ARM = 74"	AFT CABIN COMPARTMENT		TAILCONE COMPARTMENT ARM = 442"
		ARM = 321"	ARM = 338"	
	MOMENT/100			
20	14.8	64.2	67.6	88.4
40	29.6	128.4	135.2	176.8
60	44.4	192.6	202.8	265.2
80	59.2	256.8	270.4	353.6
100	74.0	321.0	338.0	442.0
120	88.8	385.2	405.6	530.4
140	103.6	449.4	473.2	618.8
160	118.4	513.6	540.8	707.2
180	133.2	577.8	608.4	795.6
200	148.0	642.0	676.0	884.0
220	162.8	706.2		
240	177.6	770.4		
260	192.4	834.6		
280	207.2	898.8		
300	222.0	963.0		
320	236.8	1027.2		
340	251.6	1091.4		
350	259.0	1123.5		
360		1155.6		
380		1219.8		
400		1284.0		

CREW AND PASSENGER SEATS AND BAGGAGE MOMENT ARMS

