

# N318DN

## 1981 Citation I/SP

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# Weight & Balance

**Aircraft S/N: 501-0184**



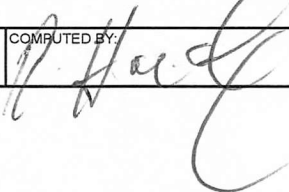
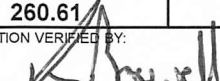
*Prepared by the worldwide aviation specialists at RidgeAire, Inc.*

## AIRCRAFT WEIGHT AND BALANCE COMPUTATION

**LCC**  
Aviation, Inc.

1 DESCRIPTION OF AIRCRAFT	MANUFACTURER <b>CESSNA</b>		MODEL <b>501</b>
	SERIAL NO. <b>501-0184</b>		NATIONALITY AND REGISTRATION <b>N318DN</b>
2 OWNERSHIP	NAME (AS SHOWN ON REGISTRATION CERTIFICATE) <b>REULAND ELECTRIC CO.</b>		ADDRESS (AS SHOWN ON REGISTRATION CERTIFICATE) <b>17969 RAILROAD ST CITY OF INDUSTRY, CA. 91748-1113</b>
3 WORK ORDER	NUMBER <b>2207</b>	DATE <b>7/31/2019</b>	4 SUPERCEDES WEIGHT OR COMPUTATION DATED <b>11/15/2016</b>

PREVIOUS EMPTY WEIGHT DATA		EMPTY WEIGHT <b>7478.33</b>	CENTER OF GRAVITY <b>259.99</b>	MOMENT <b>1944264</b>
Removed	Installed	± WEIGHT	± ARM	± MOMENT
X		-7.70	104.70	-806.19
X		-5.30	51.80	-274.54
X		-0.50	51.80	-25.90
X		-5.30	51.80	-274.54
X		-0.50	51.80	-25.90
X		-5.80	51.80	-300.44
X		-0.50	51.80	-25.90
X		-5.80	51.80	-300.44
X		-0.50	51.80	-25.90
X		-3.90	47.90	-186.81
X		-4.10	33.20	-136.12
X		-6.30	100.64	-634.03
X		-0.20	145.20	-29.04
X		-0.78	104.64	-81.62
X		-0.50	60.00	-30.00
X		-6.77	100.64	-681.33
X		-0.50	168.00	-84.00
	X	9.30	100.64	935.95
	X	7.00	100.64	704.48
	X	3.30	51.80	170.94
	X	3.00	51.80	155.40
	X	2.20	51.80	113.96
	X	2.20	51.80	113.96
	X	2.92	55.00	160.60
	X	0.50	168.00	84.00
	X	0.47	145.20	68.24
	X	0.50	47.90	23.95
	X	0.54	131.00	70.74
	X	0.40	131.00	52.40

7	COMPUTED TOTAL WEIGHT CHANGE	LBS	<b>-22.62</b>	8 TOTAL MOMENT	<b>1942995.92</b>
9	COMPUTED NEW EMPTY WEIGHT	LBS	<b>7455.71</b>	= PRIOR EMPTY WEIGHT	<b>7478.33</b>
				± COMPUTED WT CHANGE	<b>-22.62</b>
10	COMPUTED NEW USEFUL LOAD	LBS	<b>4544.29</b>	= GROSS WEIGHT	<b>12000.00</b>
				- NEW EMPTY WEIGHT	<b>7455.71</b>
11	COMPUTED NEW CENTER OF GRAVITY	INCHES AFT OF DATUM	<b>260.61</b>	= NEW TOTAL MOMENT	<b>1942995.92</b>
				- NEW EMPTY WEIGHT	<b>7455.71</b>
12 SIGNATURE AND DATE	COMPUTED BY: 	COMPUTATION VERIFIED BY: 		DATE	<b>8-8-19</b>