



1/14/21

Race City Flight Operations
 149 Yeager Rd
 Mooresville, NC 28117
 704.662.6227

Tail Number: N239SP	Make / Model: Cessna 172 S
SN: 172S8224	

	Weight	CG	Moment
Superseded Aircraft W&B Dated 11/15/2012	1698.00	39.46	67007.78

Description	Removed		
	Weight (lbs)	Arm (in)	Moment (lbs-in)
37-01-S Cessna 172 Vacuum System	5.40	-1.80	-9.72
34-07-O Gyro Instruments and hardware	6.50	13.10	85.15
34-04-S Blind Altitude Encoder	0.90	11.00	9.90
33-05-S Wing Tip Strobe Lights	3.40	43.30	147.22
34-13-S King KT76C Transponder	2.40	13.50	32.40
uAvionix SkyBeacon Wingtip Transponder	0.20	43.30	8.66
TOTAL REMOVED	-12.80		-85.33

Description	Added		
	Weight (lbs)	Arm (in)	Moment (lbs-in)
Garmin G5 with Battery, connector and mounting ring	0.98	14.00	13.72
Garmin G5 with Battery, connector and mounting ring	0.98	14.00	13.72
Garmin GMU 11	0.26	43.30	11.26
Garmin GAD 29B	0.65	14.00	9.10
Garmin GAD 13	0.24	14.00	3.36
Garmin GTX-345	3.22	8.90	28.66
Davtron C307PS	0.15	43.3	6.50
TOTAL ADDED	6.48		86.31

New Empty Weight	1691.68
Maximum Gross Weight	2550.00
New Moment	67008.76
New Useful Load	858.32
New Center of Gravity	39.61

P. Lofvenholm 3100950A

Weight & Balance performed by analysis

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