

9/20/22



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

Tail Number: N7275C	Make / Model: Cessna 172
SN: 17280503	

	Weight	CG	Moment
Superseded Aircraft W&B Dated 7/11/22	1632.42	38.93	63549.17

Description	Removed		
	Weight (lbs)	Arm (in)	Moment (lbs-in)
34-05-S Blind Altitude Encoder	0.90	11.00	9.90
34-10-A ADF Installation	10.40	26.90	279.76
23-04-S KMA26 Audio Switch Panel	1.70	14.80	25.16
23-02-S Nav/Com NO GS	3.50	12.50	43.75
34-11-A GPS Installation	4.40	15.30	67.32
Appareo Stratus Transponder	5.44	14.80	80.51
TOTAL REMOVED	-26.34		-506.40

Description	Added		
	Weight (lbs)	Arm (in)	Moment (lbs-in)
Garmin GMA 340 Audio Panel	1.90	14.80	28.12
Garmin GNS-430W GPS/NAV/COM	6.20	14.80	91.76
Garmin GTX-345 Transponder w/ GAE12 Alt Encoder	3.12	14.80	46.18
TOTAL ADDED	11.22		166.06

New Empty Weight	1617.30
Maximum Gross Weight	2550.00
New Moment	63208.82
New Useful Load	932.70
New Center of Gravity	39.08

P. Lofvenholm 3100950AP

Weight & Balance performed by analysis

9/20/22