

WEIGHT AND BALANCE REVISION

MAKE: Mooney
MODEL: M20K
SERIAL#: 24-2008
REGISTRATION: N304MA

EQUIPMENT CHANGE

Computing New C.G.			
Item, Make and Model *	Weight	Arm	Moment
Previous information from W&B dated	2156.57	43.78	94414.63
EQUIPMENT ADDED			
Garmin Pitch Trim servo	1.40	136.00	190.40
Garmin Yaw servo	1.40	150.00	210.00
Garmin Pitch Servo	1.40	150.00	210.00
Garmin roll servo	1.40	53.00	74.20
Garmin GFC 500 GMC 507	0.90	21.00	18.90
Garmin Gad 29B	0.65	16.50	10.73
Garmin GMU 11	0.26	41.60	10.82
Garmin G5 attitude with battery, connector and mounting ring	0.98	17.50	17.15
Garmin G5 HSI with battery, connector and mounting ring	0.98	17.50	17.15
EQUIPMENT REMOVED			
King KAS 297B w KEA 130	-3.10	11.70	-36.27
King KFC 150	-29.50	80.30	-2368.85
King KCS-55A	-11.30	66.50	-751.45
Vacuum Pump	-3.40	-3.80	12.92
Vacuum system installation	-5.70	10.20	-58.14
	2112.94	43.53	91972.19

NEW TOTALS

NEW TOTALS	2112.94	48.00	
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* ITEM NUMBERS WHEN LISTED IN THE PERTINENT AIRCRAFT SPECIFICATION MAY BE USED IN LIEU OF "ITEM, MAKE, AND MODEL"

Gross Weight:	3130
New empty weight:	2112.94
New Center of gravity:	43.53
Moment:	91972.19
Useful load:	1017.061

Prepared By DON P. MAXWELL II ASP Date 2/8/2021