

### Weight & Balance Change

<b>ANDY RISK</b>	<b>Make</b>	PIPER
<b>1708 EDMONT DR</b>	<b>Model</b>	PA28-181
<b>CAMARILLO CA 93010</b>	<b>S/N</b>	2843545
	<b>Reg. #</b>	N354MA
	<b>W/O</b>	

**EQUIPMENT CHANGE - WEIGHT & BALANCE**

Items: (Description / P/N / S/N)	Weight	Arm	Moments
	Pounds	Inches	Inch/Pounds
<b>Previous Aircraft Empty Weight:</b>	1732.1	91.64	158723.16
VACUUM PUMP	-2	33.47	-66.94
VACUUM REG	-0.44	48.85	-21.494
HOSE's Fitting's , Ect	-2.54	49.33	-125.2982
AUX VACUUM SYSTEM	-7.12	43.88	-312.4256
HARDWARE FOR AUX VAC SYSTEM	-2.01	47.11	-94.6911
BRACKET & HARDWARE VAC AUX SYSTEM	-2.97	45.06	-133.8282
ATTITUDE GYRO	-2.8	59.9	-167.72
DIRECTIONAL GYRO	-2.4	59.7	-143.28
2ea G5 WITH BATTERIES	1.96	59.9	117.404
GAD29B	0.65	51.9	33.735
GMU11	0.26	183.7	47.762
			0
			0
			0
			0
<b>Totals</b>	<b>1712.69</b>		<b>157856.3839</b>

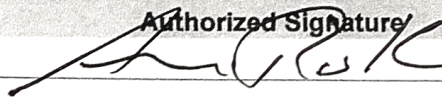
A. Old Empty Weight	1732.1	Pounds
B. Old Empty CG	91.64	Inches
C. Old Empty Weight CG Moment	158723.2	Inch/Pounds
D. Max Gross Weight	2550	Pounds
E. Old Useful Load	817.9	Pounds

A. New Empty Weight	1712.69	Pounds
B. New Empty CG	92.16868	Inches
C. New Empty Weight CG Moment	157856.4	Inch/Pounds
D. Max Gross Weight	2550	Pounds
E. New Useful Load	837.31	Pounds

**This new weight & balance information supersedes all previous weight and balance data. For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.**

FAA Form 337 Completed? Y N  
 Equipment List Amended? Y N

**ANDY RISK** 11/9/2020 3306582 A&P

Authorized Signature 	Date	Cert#	Title
Notes:			