

Airplane Weight & Balance

Owner Clayton McMartin

Builder

Date 10/28/2016

Model Smith PA-18 Super Duper

Registration # N712AZ

Serial #

Datum *Wing LE

Gross Wt 2400 #

CG Range 11" - 24"

*Aft of Datum

<u>Empty Weight & CG</u>	Gal	WT	ARM	MOMENT
Left Wheel		584	2.15	1255.6
Right Wheel		604	2.15	1298.6
Tail Wheel		93	206	19158
Aircraft Empty Weight		1281		21712.2
Empty CG			16.9	

Jan 31st Weight & CG

Empty Airplane		1281		21712.2
Pilot		170	11	1870
Fuel	25	180	24	4320
Total Weight		1631		27902.2
CG			17.1	

Most Aft Weight & CG

Empty Airplane		1281		21712.2
Pilot		190	11	2090
Fuel	5	30	24	720
Passenger		190	37	7030
Baggage		50	77	3850
Total Weight		1741		35402.2
CG			20.3	

Most Forward Weight & CG

Empty Airplane		1281		21712.2
Pilot		250	11	2750
Main Fuel	48	288	24	6912
Passenger		250	37	9250
Baggage		0	77	0
Total Weight		2069		40624.2
CG			19.6	

Gross Weight & CG

Empty Airplane		1281		21712.2
Pilot		190	11	2090
Main Fuel	48	288	24	6912
Passenger		190	37	7030
Baggage		160	77	12320
Total Weight		2109		50064.2
CG			23.7	

