

Item	Weight Lbs.	Arm Inches	Post. Moment Inch Lbs.	Neg. Moment Inch Lbs.
<u>1. C.G. for most forward loading Condition</u>				
<u>Empty Weight of Aircraft</u>	891	+ 19.4	+ 17,300	
<u>Fuel - 10 Gal. @ 7.2 lbs.</u>	72	- 18*		- 1296
<u>Oil - 1 Gal. @ 9 lbs.</u>	9	- 29*		- 261
<u>Pilot - 1 front seat at 170 lbs.</u>	170	+ 9*	+ 1530	
<u>Gross Weight & Moment</u>	1142	15.1"	+ 18830	- 1557

C.G. for most forward loading condition:

$$= \frac{17273}{1142} = 15.1" \text{ aft of the datum}$$

*Arms may be checked in C.A.A. Bulletin.