

WEIGHT AND BALANCE REPORT

Piper Cub J3C Serial No. 194C Registration CF-DSO

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Aircraft was weighed with following equipment: Continental C85-12F engine, McCauley CF7142 metal propeller, pilot's cushions, agricultural dust equipment, hand fire extinguisher, full fuel tank and one gallon of oil in oil tank.

Item	Weight	H.Arm	Moment
Left front wheel	414	+ 3	1,242
Right front wheel	410	+ 3	1,230
Tailwheel	50	+197	9,850
Fuel - 10 gals. Imp.	- 72	- 18	+ 1,296
Oil - 1 gal. Imp.	- 9	- 29	+ 261
	793		13,879

Empty weight C.G. is aft of datum $\frac{13,879}{793} = 17.50$ ins.

MOST FORWARD C.G. POSITION

Item	Weight	H.Arm	Moment
Empty weight	793	17.50	13,879
Fuel - 10 gals. Imp.	72	- 18	- 1,296
Oil - 1 gal. Imp.	9	- 29	- 261
Pilot - Front Seat	170	+ 9	+ 1,530
	1044		13,852

C.G. is aft of datum $\frac{13,852}{1044} = 13.27$ ins.

MOST REARWARD C.G. POSITION

Item	Weight	H.Arm	Moment
Empty weight	793	17.50	13,879
Fuel - gals. 5 min.	36	- 18	- 648
Oil - 1 gal.	9	- 29	- 261
Pilot - Front Seat	170	+ 9	+ 1,530
Agricultural Dust Equipment	242	+ 34	+ 8,228
			22,728