

WEIGHING FORM

MAKE CESSNA MODEL 172m SERIAL _____ N _____

DATUM LOCATION

Aircraft Weighed with full oil.

1. Main weighing point is located (....." forward) (58.5 aft) of datum.

2. Tail or nose weighing point is located (. 6 forward) (+ " aft) of datum.

	Weighing Point	Scale Reading	- Tare	= Net Weight	x Arm	= Moment
3.	Left Main Wheel	626			58.5	36621
4.	Right Main Wheel	644			58.5	37674
5.	Sub-Total					
6.	Tail or Nose Wheel	512			- 6.0	3072
7.	Total as Weighed	1782				71223

Space for listing of Items when Aircraft is not Weighed Empty.

	Item	Net Weight	Arm	Moment
8.	52gal. Fuel @ 6lb. 4gal. UNSUSABLE 48gal @ 6 lbs.	312		
		288	48	13824
9.	Aircraft Empty Weight & c.g.	1494	38.4	57399

F. WEIGHT AND BALANCE EXTREME CONDITIONS

Approved fwd. limit----- Approved max. wt----- Approved aft limit-----"						
Forward Check				Rearward Check		
ITEMS	Weight	X Arm	= Moment	Weight	X Arm	= Moment
Acft. Empty	1494	38.4	57399	1494	38.4	57399
Pilot	170	34	5780	170	34.0	5780
Fuel	288	48	13824	176	48	8448
Passenger (s)	170	34	5780	340	73	24820
Baggage				120	95	11400
Total	2122	39.0	82783	2300	46.89	107847
TM = _____ = _____			TM = _____ = _____			
TW _____			TW _____			
Most fwd. C.G. location <u>39.0</u>			Most rearwd. C.G. location <u>46.89</u>			

G. Loading Schedule

Gallons of Fuel	Number of Passengers	Pounds of Baggage

The above includes pilot and capacity oil

Maximum Allowable Gross Weight 2300 lbs.

Useful Load 806

Computed by: STEVEN MENDIOLA

A & P Number AP# 3136601