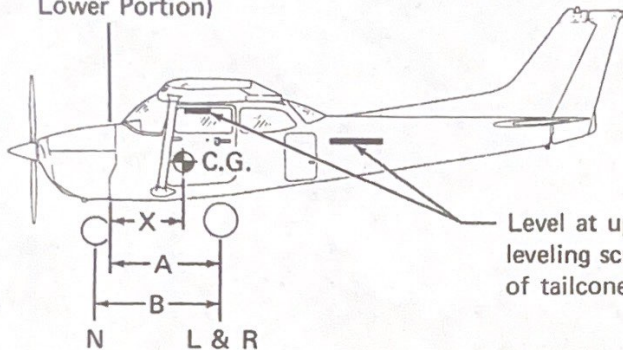


SECTION 6
WEIGHT & BALANCE/
EQUIPMENT LIST

CESSNA
MODEL 172P

N-94ER
S/N - 76053
Date - 06-21-'21
Tach - 0.870.2

Datum
Sta. 0.0
(Firewall,
Front Face,
Lower Portion)



A = 58.5"
B = 64.5"

Scale Position	Scale Reading	Tare	Symbol	Net Weight
Left Wheel	528.3	—	L	
Right Wheel	521.0	—	R	
Nose Wheel	468.6	—	N	
Sum of Net Weights (As Weighed)	1517.9		W	

$$X = \text{ARM} = \frac{(A) - (N) \times (B)}{W}; X = \frac{58.5 - \frac{468.6}{1517.9} \times 64.5}{1} = 38.59 \text{ IN.}$$

A/C weighed empty; Gross - 2400 lbs; useful load - 882 lbs

Item	Weight (Lbs.)	X C.G. Arm (In.) =	Moment/1000 (Lbs.-In.)
Airplane Weight (From Item 5, page 6-3)	1517.9	38.59	58,575.7
Add Unusable Fuel:			
Std. Tanks (3 Gal at 6 Lbs/Gal)		46.0	
L.R. Tanks (4 Gal at 6 Lbs/Gal)		46.0	
Integral Tanks (6 Gal at 6 Lbs/Gal)		46.0	
Equipment Changes			
Airplane Basic Empty Weight			

Figure 6-1. Sample Airplane Weighing