

**WOLFE AVIATION**  
 2050 EAST SIKORSKY  
 CORPORATE HANGAR #7  
 STOCKTON, CA 95206

Make Cessna Model 170B Serial # 25097 Registration # N8245A  
 Datum is \_\_\_\_\_

COMPUTE AS FOLLOWS IF AIRCRAFT WEIGHED

1. Leveling means: Upper door sill
2. Main wheel weighing point is located ( \_\_\_\_\_ "Forward") ( 22 "Aft") of datum.
3. Actual measured distance from the main weight point centerline to the tail (or nose) point centerline 227.0
4. Aircraft weighed with fuel: yes \_\_\_\_\_, no X; with oil: yes X, no \_\_\_\_\_  
 (Oil part of basic weight unless otherwise noted.)

Weight Point	Scale Reading	-	Tare	=	Net Weight
5. Right	157.0 x 4		-0-		628.0
6. Left	159.5 x 4				638.0
7. Tail	103				103.0
8. Nose					
9. Total Net Weight					1369

CENTER OF GRAVITY AS WEIGHED

10. C.G. relative to main wheel weighing point:
  - (a) Tail wheel airc.  $\frac{(\text{Item 3}) \times (\text{Item 7})}{(\text{Item 9})} = \frac{227 \times 103}{1369} = \frac{23381.0}{1369} = 17.078889 = \text{C.G.}$
  - (b) Nose wheel airc.  $\frac{(\text{Item 3}) \times (\text{Item 8})}{(\text{Item 9})} = \frac{\quad}{1369} = \quad = \text{C.G.}$
11. C.G. relative to datum:
  - (a) Tail wheel airc. (Item 10a) added to (Item 2) =  $17.078889 + 22 = 39.078889 = \text{C.G.}$
  - (b) Nose wheel airc. (Item 10b) subtracted from (Item 2) =  $\quad = \text{C.G.}$

COMPUTE IF AIRCRAFT WEIGHED WITH FUEL

	Weight	X	Arm	=	Moment
Aircraft	1369		39.078889		53498.999
Main Fuel					
Aux Fuel					
Empty Totals	(a)			(b)	

12. (b) 53498.999 = (c) 39.07888 Empty Weight C.G.  
 (a) 1369

  
 \_\_\_\_\_  
 SIGNATURE

A&P 1471432  
 \_\_\_\_\_  
 LICENSE NO.

3-19-99  
 \_\_\_\_\_  
 DATE