

## Weight and Balance Report

MAKE Piper MODEL L4-65 SERIAL # 10490 REGISTRATION # N1141V

DATUM IS Leading edge of wing.

1. Leveling Leveling lugs on left longeron between throttle levers.
2. Main wheel weighing point is 2.5 inches aft of datum.
3. Actual measured distance from the main weight point centerline to the tail (or nose) point 200.5 inches.
4. Date of scale calibration \_\_\_\_\_

### Actual Empty Weight

| Weight Point        | Scale Reading | Tare | Net Weight |
|---------------------|---------------|------|------------|
| 5. Right            | 381           | 0    | 381        |
| 6. Left             | 372           | 0    | 372        |
| 7. Tail/Nose        | 53            | 0    | 53         |
| 8. Total Net Weight |               |      | 806        |

### CENTER OF GRAVITY AS WEIGHED

9. C.G. relative to main wheel weighing point:  

$$\text{C.G.} = \frac{\text{Item 3} \times \text{Item 7}}{\text{Item 8}} = \underline{13.18} \text{ inches aft of main wheel weighing}$$

10. C.G. relative to datum:  

$$\text{C.G.} = \text{Item 9} + \text{Item 2} = \underline{15.68} \text{ inches aft of datum.}$$

  
 \_\_\_\_\_  
 Authorized Signature

\_\_\_\_\_  
 Title

AP 2808062  
 \_\_\_\_\_  
 Cert. Number

June 23-2010  
 \_\_\_\_\_  
 Date

Empty Weight CG Range (+8.5) to (+20.3)  
 CG Range (+10.6) to (+22.7)  
 Aircraft weighed with 4 quarts oil at (-29)  
 Aircraft weighed with 4.5 gallons fuel at (-18).

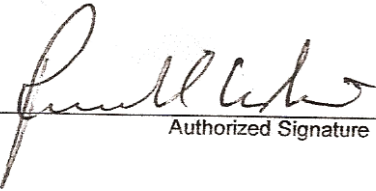
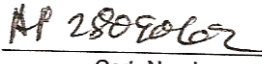
# Weight and Balance Report

|                            |       |       |          |
|----------------------------|-------|-------|----------|
| Make                       | Piper | Model | L4-65    |
| Serial#                    | 10490 | Reg.# | N1141V   |
| Date of scale calibration: |       |       |          |
| Aircraft gross weight:     |       |       | 1,220.00 |

| Aircraft as Weighed     |               |      |            |        |           |
|-------------------------|---------------|------|------------|--------|-----------|
| Weight Point            | Scale Reading | Tare | Net Weight | Arm    | Moment    |
| Left                    | 372.00        | 0.00 | 372.00     | 2.50   | 930.00    |
| Right                   | 381.00        | 0.00 | 381.00     | 2.50   | 952.50    |
| Tail                    | 53.00         | 0.00 | 53.00      | 202.50 | 10,732.50 |
| <b>Total As Weighed</b> |               |      | 806.00     | 15.65  | 12,615.00 |

| Weight Adjustments                  |        |        |           |
|-------------------------------------|--------|--------|-----------|
| Description                         | Weight | Arm    | Moment    |
| Fuel                                | -27.00 | -18.00 | 486.00    |
| <b>Total Corrected Empty Weight</b> | 779.00 | 16.82  | 13,101.00 |

|                         |        |
|-------------------------|--------|
| Corrected Empty Weight: | 779.00 |
| Center of Gravity:      | 16.82  |
| Useful Load:            | 441    |

|  |       |  |           |
|--|-------|--|-----------|
|  | Title |  | Date      |
| Authorized Signature   |       | Cert. Number   | 6/23/2010 |