

## AIRCRAFT WEIGHT & BALANCE COMPUTATIONS

Registration Number: <b>N 22353</b>		Date: <b>10 / 23 / 2008</b>	
Aircraft Make: <b>Bell</b>	Model: <b>47G-4A</b>	Serial No. <b>7721</b>	Total Time:
Registered Owner: <b>Label USA</b>		Address: <b>2400 E. Main St. Suite 103 St. Charles, IL 60174</b>	
Maximum Weight:	<b>2,950 LBS</b>	CG Range: FWD -3.0" AFT 2.5"	
Minimum Weight:	<b>2,300 LBS</b>	CG Range: FWD -3.0 AFT 4.0	
New Empty Weight:	<b>1856 lbs</b>	Useful Load:	<b>1094 Lbs</b>

### AIRCRAFT ACTUAL WEIGHING

Weight Empty configuration	Weight	Arm	Moment
Left Hand Jackpad	627	-28.00	-17556
Right Hand Jackpad	693	-28.00	-19404
Tail Jackpad	551	82.00	45182
Remove Oil	-15.00	31.00	-465.00
Remove Fuel	0	5.00	0
New Aircraft Empty Weight	<b>1856.0</b>	4.17	7757
New Aircraft Empty Weight C. G.		<b>4.17</b>	

### MOST FORWARD C.G.

Aircraft Empty Weight	1856	4.17	7757.0
Maximum Cabin Weight	575	-30.00	-17250
Minimum Fuel - 10 Gallons	65	5.00	325
Engine Oil - 1.5 Gallons	11.25	31.00	348.75
	<b>2507.25</b>	<b>-3.51</b>	<b>-8819.25</b>

### MOST AFT C. G.

Aircraft Empty Weight	1856	4.17	7757.0
Minimum Cabin Weight	170	-30.00	-5100.00
Maximum Fuel - 61.3 Gallons	398.45	5.00	1992.25
Engine Oil	15.00	31.00	465
	<b>2435.7</b>	<b>2.09</b>	<b>5114.25</b>

The above listed aircraft was weighed and Weight & Balance Computed on October 23, 2008.

Weight & Balance Computed by:

Allan M. Berry, A&P / IA 3224306

  
 \_\_\_\_\_  
 Signature