

## APPENDIX A - LEVELING AND WEIGHING

Weighing Data for S/N 41516 Tail Number N 2520 Date 10-9-07

Scale Location	Weight Reading (lbs.)	X Arm (Inches)	= Moments (in.-lbs.)
Right Wing	1268	X 98.25	= 124581.00
Left Wing	1241	X 98.25	= 121978.25
Tail Skid (less weight of shot bags)	(shotbags minus reading) = actual 269 lbs - 0 lbs =	X 263.0	= 31560.00
Total Empty Weight and Empty Moments	2629 lbs.		278069.25 in.-lbs.

Total Moment (in.-lbs.)	=	Empty Weight (lbs.)	=	C.G. (Inches)
278069.25	=	2629	=	105.77

**Complete the following checklist prior to beginning the weight and balance procedure.**

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| <ul style="list-style-type: none"> <li><input type="checkbox"/> Check to ensure aircraft has 4 gallons unusable fuel in each wing.</li> <li><input checked="" type="checkbox"/> Oil level (8 on dip stick)</li> <li><input checked="" type="checkbox"/> Brake fluid properly serviced</li> <li><input checked="" type="checkbox"/> All standard and optional equipment installed per MEL</li> <li><input checked="" type="checkbox"/> Front seat rails fully retracted, seat backs fully aft</li> <li><input checked="" type="checkbox"/> Flaps/Ailerons to 0 or neutral position</li> <li><input checked="" type="checkbox"/> Left rear seat bottom cushion in footwell</li> <li><input checked="" type="checkbox"/> Verify that the POH/AFM is located in the right front seat back pouch.</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Plumb Bob string routed properly</li> <li><input type="checkbox"/> Load cells or scales verified to be within calibration. Enter due date <u>10/13/07</u></li> <li><input type="checkbox"/> Verify that two 25lb shot bags are located on each horizontal stabilizer, centered over the tail skid.</li> <li><input checked="" type="checkbox"/> Verify that all three jacks can be properly inserted in the jack points, seat vertically and are on the center of the scale if used.</li> </ul> |
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Weighed by: Dave [Signature] & Joe Barbis Guy Schwartz Inspected by: Brian Ahern

Ward A. Ellerton  
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