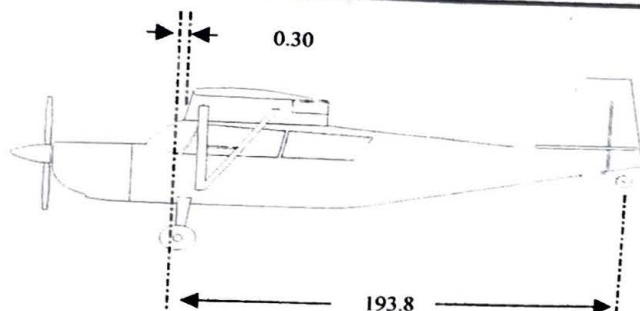


**AMERICAN CHAMPION AIRCRAFT CORPORATION
ROCHESTER, WISCONSIN 53167**

WEIGHT AND BALANCE WORKSHEET



Weight Actual: 1217

Model Number 7GCAA
Serial Number: 513-2007
Identification Number: N76DE
Date: 6/14/2007

Signed: _____

Aircraft Leveling Means: Drop plumb line from wing leading edge so that it is 10.18 inches forward of front face fuselage wing strut fitting.

- | | | | |
|--------------------------------------|-----------|---------------------|----------|
| 1. Left Wheel Weight: | 571 lbs. | Right Wheel Weight: | 571 lbs. |
| 2. Tail Wheel Weight | 75 lbs. | | |
| 3. Total Aircraft Weight (Full Oil): | 1217 lbs. | | |

$$\text{C.G.} = \left(\frac{194 \text{ in.} \times 75 \text{ lbs.}}{1217 \text{ lbs.}} \right) - 0.30 \text{ in.} = 11.64 \text{ in. aft. L.E.}$$

	WEIGHT (lbs.)	ARM (in.)	MOMENT (in. lbs.)
Aircraft Weight with Full Oil	1217	11.64	14165.88
Subtract Drainable Oil	-15	-36	+540
Add 1 Gallon Unuseable Fuel	+6	+15	+90
TOTALS	1208	XXXXX	14795.88

Aircraft Empty C.G. 12.25 in. aft datum
 Useful Load 542 lbs.

Datum: Wing Leading Edge

CENTER OF GRAVITY LIMITS:
NORMAL CATEGORY (+ 14.2 in.) To (+ 19.2 in.) At 1750 lbs.
 (+ 10.5 in) To (+ 19.2 in.) At 1325 lbs. or less
ACROBATIC CATEGORY (+ 14.2 in.) To (+ 16.3 in.) At 1750 lbs. or less.
 (+ 10.5 in) To (+ 16.3 in.) At 1325 lbs. or less
 Straight line variation between points given.