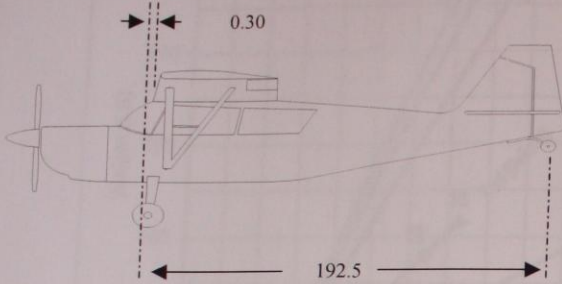


American Champion N117CA Weight and Balance

AMERICAN CHAMPION AIRCRAFT CORPORATION
ROCHESTER, WISCONSIN 53167

WEIGHT AND BALANCE WORKSHEET



Weight Actual: 983

Model Number 7EC
Serial Number: 1008-2007
Identification Number: N117CA
Date: 7/13/2007

Signed: _____

[Handwritten Signature]

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: 446 lbs. | Right Wheel Weight: 467 lbs. |
| 2. Tail Wheel Weight: 70 lbs. | |
| 3. Total Aircraft Weight (Full Oil): 983 lbs. | |

$$C.G. = \left(\frac{193 \text{ in.} \times 70 \text{ lbs.}}{983 \text{ lbs.}} \right) - 0.30 \text{ in.} = 13.41 \text{ in. aft L.E.}$$

	WEIGHT (lbs.)	ARM (in.)	MOMENT (in. lbs.)
Aircraft Weight with Full Oil	983	13.41	13182.03
Subtract Drainable Oil	-5	-46	+230
Add 1 Gallon Unuseable Fuel	+6	+15	+90
TOTALS	984	XXXXX	13502.03

Aircraft Empty C.G. 13.72 in. aft datum
 Useful Load 336 lbs.

Datum: Wing Leading Edge

CENTER OF GRAVITY LIMITS:
 (+ 14.0 in.) To (+ 19.2 in.) At 1320 lbs.
 (+ 11.0 in.) To (+ 19.2 in.) At 1100 lbs. or less