

Aircraft Weight and Balance Report

Results of Aircraft Weighing

Make Bellanca Model Champion 7ECA
 Serial # 1028-74 N# 86872
 Datum Location Wing leading Edge
 Leveling Means Bellanca Service Manual
 Scale Arms: Nose ∅ Tail 195.5 Left Main ∅.5 Right Main ∅.5
 Scale Weights: Nose ∅ Tail 63 Left Main 534 Right Main 538
 Tare Weights: Nose ∅ Tail ∅ Left Main ∅ Right Main ∅

Weight and Balance Calculation

Item	Scale (lb)	Tare Wt. (lb)	Net Wt. (lb)	Arm (inches)	Moment (in-lb)
Nose	∅	∅	∅	∅	∅
Tail	63	∅	63	195.5	12,316.5
Left Main	534	∅	534	-∅.5	-267.0
Right Main	538	∅	538	-∅.5	-269.0
Subtotal	1135	∅	1135	-	11,780.5
Fuel	∅	∅	∅	∅	∅
Oil	-11.25	∅	-11.25	-36	405
Misc.	∅	∅	∅	∅	∅
Total	1,123.75	∅	1,123.75	∅	12,185.5

Aircraft Current Empty Weight: 1,123.75

Aircraft Current Empty Weight CG: 10.84

Aircraft Maximum Weight: 1650

Aircraft Useful Load: 526.25

Computed By: BRIAN MEUSER (print name)

Brian Meuser (signature)

Certificate #: 2769052 (A&P, Repair Station, etc.)

Date: 01/25/2016

Figure 4-41. Aircraft weight and balance report.