

# N414CR

## 1975 Cessna 414

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# Weight & Balance

**Aircraft S/N: 414-0629**



**RidgeAire**  
WORLDWIDE  
aviation specialists

*Prepared by the worldwide aviation specialists at RidgeAire, Inc.*

**Weight & Balance**

Make: Cessna Date: January 15, 2010  
 Model: 414  
 Serial No: 414-0629 Weighed By: Walter Hudson  
 Registration No: N414CR Certificate No: A&E 1072360

Reaction Wheel Jack Points	Scale Reading	Tare	Net Weight	Arm	Moment
Left Main	2504.00		2504.00		
Right Main	2690.00		2690.00		
Sub Total	5194.00	0.00	5194.00	171.77	892173.38
Nose	737.00		737.00	46.66	34388.42
Total (as weighed)	5931.00	0.00	5931.00		928561.80
Total Items Table I			-1089.00	0.00	-172683.00
Total Items Table II			0.00	0.00	0.00
Certified Empty Weight	5931.00	0.00	4842.00	155.70	753878.80

Table I

Items weighed but not part of aircraft	Weight	Arm	Moment
Fuel, tip tanks capacity 102 gallons (51 gal each.) Remove usable fuel from tip tanks.	600.00	152.00	91200.00
Wing tank capacity 63 gallons, 62 usable Remove usable fuel from wing tanks.	372.00	164.00	61008.00
Nacelle tank, 20 gallons capacity, 19.5 gallons usable.	117.00	175.00	20475.00
			0.00
			0.00
Total	1089.00		172683.00

Table II

Items not in when weighed	Weight	Arm	Moment
Full oil is included in the empty weight, 26 qts at Sta. 113.5 (48.75 lbs)			0.00
			0.00
			0.00
			0.00
Aircraft was weighed on electronic Evergreen platform load cells, S/N 610-3C-692-693 & 908.			0.00
Certification date : Jan. 11, 2010.			0.00
Total	0.00		0.00



# CESSNA 414 Modified Per SA8424SW

## Weight vs. C.G. Diagram

