

N952W Weight and Balance Measurements

9-Feb-06

Revised after turbo charger removal
Revised with 200HP Engine

Measured	Location	Weight (lbs)	Arm (in)	Moment (in-lbs)
	L Wheel	531	95	50445
	R Wheel	530	95	50350
	N Wheel	271	40	10705
Measured Totals Empty		1332	84	111500
			16.3%	

N952W Weight and Balance Calculations

	Quantity	Weight (lbs)	Arm (in)	Moment (in-lbs)
Pilot		200	108	21600
Passenger		0	108	0
Aux Fuel (12.2 gal max)	12.2	73.2	66	4813
Main Fuel (43.3 gal max)	43.3	259.8	83	21524
Short Baggage		10	125	1250
Long Baggage		10	143	1430
Totals	2300 MAX	1885		162117

MAC is 43" @ sta 76.7

Max gross weight = 2300 lbs

CG Arm	Min	21.6%	Max
	82.3	86.0	90.2

Glasair Wing Fuel Quantity (gal)

