

Allowable CG Range	N114A
Datum Location	70 inches forward of the leading edge of the wing
Forward CG Limit	78.70 inches aft of the datum
Aft CG Limit	86.82 inches aft of the datum

Empty Aircraft	Weight	Arm	Moment
Right Wheel	532	68.67	36532.44
Left Wheel	519	68.67	35639.73
Tailwheel	62	251.06	15565.72
Total	1113		87737.89
	78.83	CG Within Limit	

Single Pilot	Weight	Arm	Moment
Empty Aircraft	1113	78.83	87737.89
Fwd Baggage	0	58.51	0.00
Fuel (42 gal)	252	80.00	20160.00
JR Davis (Pilot)	170	91.78	15602.60
Parachute	25	91.78	2294.50
Passenger	0	119.12	0.00
Aft Baggage Floor	0	138.00	0.00
Aft Baggage Shelf	0	152.91	0.00
Total	1560		125794.99
	80.64	CG Within Limit	

JR and Denyse	Weight	Arm	Moment
Empty Aircraft	1113	80.64	89749.89
Fwd Baggage	30	58.51	1755.30
Fuel (42 gal)	252	80.00	20160.00
JR Davis (Pilot)	170	91.78	15602.60
Parachute	25	91.78	2294.50
Passenger	170	119.12	20250.40
Parachute	25	119.12	2978.00
Aft Baggage Floor	0	138.00	0.00
Aft Baggage Shelf	0	152.91	0.00
Total	1785		152790.69
	85.60	CG Within Limit	