

Allowable CG Range	
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	535	68.67	36738.45
Left Wheel	510	68.67	35021.70
Tailwheel	67	251.06	16821.02
Total	1112		88581.17
	79.66	CG Within Limit	

Single Pilot	Weight	Arm	Moment
Empty Aircraft	1112	79.66	88581.17
Fwd Baggage	0	58.51	0.00
Fuel (42 gal)	252	80.00	20160.00
JR Davis (Pilot)	225	91.78	20650.50
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	1614		131686.17
	81.59	CG Within Limit	

JR and Denyse	Weight	Arm	Moment
Empty Aircraft	1112	81.59	90728.02
Fwd Baggage	30	58.51	1755.30
Fuel (42 gal)	252	80.00	20160.00
JR Davis (Pilot)	225	91.78	20650.50
Parachute	25	91.78	2294.50
Passenger	130	119.12	15485.60
Parachute	25	119.12	2978.00
Aft Baggage Floor	0	138.00	0.00
Aft Baggage Shelf	0	152.91	0.00
Total	1799		154051.92
	85.63	CG Within Limit	