

N9669D W&B

Approved CG range: 78.7" to 86.82" AFT of Datum Max AFT 85.3" for Aerobatics)

Max Gross Weight 1800 lbs. or 1600 lbs. for Aerobatics)

N9669D was weighed level, New Paint, with zero fuel and 6.5 qts. of oil in the engine

Max FWD baggage is 50 lbs. Max Aft. Baggage is 75 LBS.

Empty Weight	N9669D Weight	Arm	Moment
Tail Wheel	67	251.06	16821.02
Right Wheel	551	68.76	37886.76
Left Wheel	563	68.76	38711.88
Total	1181		93419.66
C/G	79.10216765		

Gross Weight CG. Max Fuel

	Weight	Arm	Moment
N9669D Weight and Balance	1181	79.1	93419.66
Fuel	252	80.00	20160.00
Pilot	175	91.78	16061.50
Co-Pilot	170	119.12	20250.40
FWD Baggage	10	58.51	585.10
AFT baggage floor	12	138.00	1656.00
AFT Baggage Shelf		152.91	0.00
Total	1800		152132.66
C/G	84.51814444		

Most AFT CG Gross Weight Take Off, Minimum Fuel Landing

	Weight	Arm	Moment
N9669D Weight and Balance	1181	79.1	93419.66
Fuel	42	80.00	3360.00
Pilot	175	91.78	16061.50
Co-Pilot	170	119.12	20250.40
FWD Baggage	10	58.51	585.10
AFT Baggage Floor	12	138.00	1656.00
AFT Baggage Shelf		152.91	0.00
Total	1590		135332.66
C/G	85.1148805		

Most Forward CG 1 Pilot With Full Main Tanks

	Weight	Arm	Moment
N9669D Weight and Balance	1181	79.1	93419.66
Fuel	252	80.00	20160.00
Pilot	175	91.78	16061.50
Co-Pilot		119.12	0.00
FWD Baggage		58.51	0.00
AFT Baggage Floor		138.00	0.00
AFT Baggage Shelf		152.91	0.00
Total	1608		129641.16
C/G	80.62261194		