

Long-EZ (N160RG) Weight & Balance

Light load	Weight	Station	Moment
Empty aircraft	1035.6	109.5	113363.8
Pilot	190.0	59.0	11210.0
Passenger	125.0	103.0	12875.0
Fuel (Gallons)	32.0		
Fuel (Weight)	192.0	104.5	20064.0
Oil (6.5 qts)	12.2	104.0	1264.1
Baggage	25.0	90.0	2250.0
Totals	1579.7		161027.0

Empty weight	1035.6
Gross	2000
Useful load	964.4
Payload (full fuel)	652.4

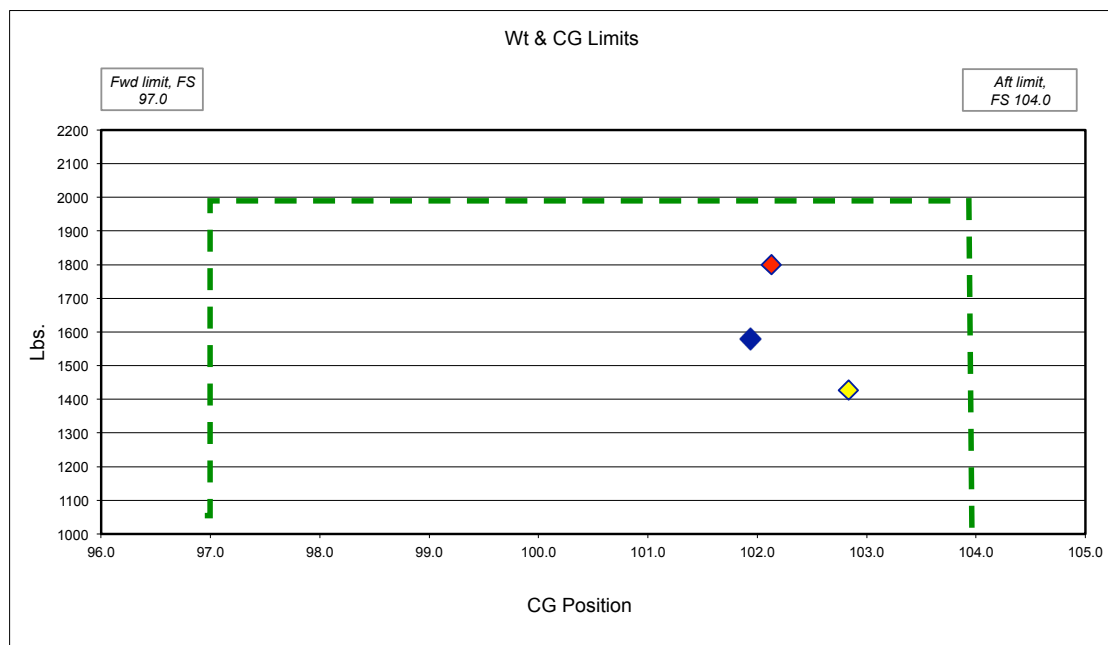
CG = 101.9

Heavy load	Weight	Station	Moment
Empty aircraft	1035.6	109.5	113363.8
Pilot	190.0	59.0	11210.0
Passenger	220.0	103.0	22660.0
Fuel (Gallons)	52.0		
Fuel (Weight)	312.0	104.5	32604.0
Oil (6.5 qts)	12.2	104.0	1264.1
Baggage	30.0	90.0	2700.0
Totals	1799.7		183802.0

CG = 102.1

Routine	Weight	Station	Moment
Empty aircraft	1035.6	109.5	113363.8
Pilot	190.0	59.0	11210.0
Passenger	0.0	103.0	0.0
Fuel (Gallons)	32.0		
Oil (6.5 qts)	12.2	104.0	1264.1
Fuel (Weight)	192.0	104.5	20064.0
Baggage	10.0	90.0	900.0
Totals	1427.6		146802.0

CG = 102.8



N160RG Weight & balance calculated by Wings Avionics (4-17-09).