

WPR18FA116 WEIGHT AND BALANCE CALCULATIONS

CG Limits Forward **68.7** Aft **76.8**
Max Gross **1650**

10 Gallons of Fuel

	Weight	Arm	Moment
Airplane	1064	71.46523	76039
Pilot	230	87.4	20102
Passenger	229	87.4	20014.6
10 G Fuel	60	70	4200
Baggage	20	117	2340
Totals	1603	76.54124	122695.6

17 Gallons of Fuel

	Weight	Arm	Moment
Airplane	1064	71.46523	76039
Pilot	230	87.4	20102
Passenger	229	87.4	20014.6
17 G Fuel	102	70	7140
Baggage	20	117	2340
Totals	1645	76.37422	125635.6

20 Gallons of Fuel

	Weight	Arm	Moment
Airplane	1064	71.46523	76039
Pilot	230	87.4	20102
Passenger	229	87.4	20014.6
20 G Fuel	120	70	8400
Baggage	20	117	2340
Totals	1663	76.30523	126895.6

30 Gallons of Fuel

	Weight	Arm	Moment
Airplane	1064	71.46523	76039
Pilot	230	87.4	20102
Passenger	229	87.4	20014.6
30 G Fuel	180	70	12600
Baggage	20	117	2340
Totals	1723	76.08566	131095.6

38 Gallons of Fuel

	Weight	Arm	Moment
Airplane	1064	71.46523	76039
Pilot	230	87.4	20102
Passenger	229	87.4	20014.6
38 G Fuel	228	70	15960
Baggage	20	117	2340
Totals	1771	75.92072	134455.6