

Useful load weights and moments			
Baggage or 5th seat occupant		Occupants	
ARM 140		Front seats ARM 85	Rear seats ARM 121
Weight	Moment 100	Weight	Moment 100
10	14	120	102
20	28	130	110
30	42	140	119
40	56	150	128
50	70	160	136
60	84	170	144
70	98	180	153
80	112	190	162
90	126	200	170
100	140		
110	154		
120	168		
130	182		
140	196		
150	210		
160	224		
170	238		
180	252		
190	266		
200	280		
210	294		
220	308		
230	322		
240	336		
250	350		
260	364		
270	378		

Usable fuel		
Main wing tanks ARM 75		
Gallons	Weight	Moment 100
5	30	22
10	60	45
15	90	68
20	120	90
25	150	112
30	180	135
35	210	158
40	240	180
44	264	198

Auxiliary wing tanks ARM 94		
Gallons	Weight	Moment 100
5	30	28
10	60	56
15	90	85
19	114	107

*Oil		
Quarts	Weight	Moment 100
10	19	5

*Included in basic empty weight.

Empty weight~2,015
MOM/100~1,554
Moment limits vs weight
 Moment limits are based on the following weight and center of gravity limit data (landing gear down).

Weight condition	Forward CG limit	AFT CG limit
2,950 lb (takeoff or landing)	82.1	84.7
2,525 lb	77.5	85.7
2,475 lb or less	77.0	85.7

Figure 32. Airplane Weight and Balance Tables.