



Figure 9-40. Loading data for passenger configuration.

Item	Weight	Arm	Moment/100	CG
Airplane basic EW	9,226		25,823	
Crew	340	129	439	
Passengers				
Row 1	300	210	600	
Row 2	250	230	575	
Row 3	190	260	494	
Row 4	170	290	493	
Row 5	190	320	608	
Row 6	340	350	1,190	
Row 7	190	380	722	
Row 8		410		
Row 9		440		
Baggage				
Nose		65.5		
Forward cabin	100	163.6	164	
Aft (forward section)	200	483.5	967	
Aft (aft section)	600	533.0	3,198	
Fuel jet A @ +25 °C				
390 gallons	2,633		7,866	
	14,729		43,139	292.9

Figure 9-41. Determining the loaded weight and CG of a Beech 1900 in the passenger configuration.