

SECTION 6
WEIGHT AND BALANCE

PIPER AIRCRAFT CORPORATION
PA-38-112, TOMAHAWK

	Weight (Lbs.)	Arm Aft Datum (Inches)	Moment (Lb-In.)
Basic Empty Weight	1206	75.1	90,570
Pilot and Passenger**		85.5	
Fuel (30 Gallon Maximum)		75.4	
Baggage (100 Lbs. Maximum)*		115.0	
Total Loaded Airplane			
max 1670			

Totals must be within approved weight and C.G. limits. It is the responsibility of the airplane owner and the pilot to insure that the airplane is loaded properly. The Basic Empty Weight C.G. is noted on the Weight and Balance Data Form (Figure 6-7). If the airplane has been altered, refer to the Weight and Balance Record for this information.

*No baggage allowed for spins.

**Occupant C.G. is shown with the seats in the fourth notch from the most forward position. For other seat locations and corresponding arm aft datum see Figure 6-14.

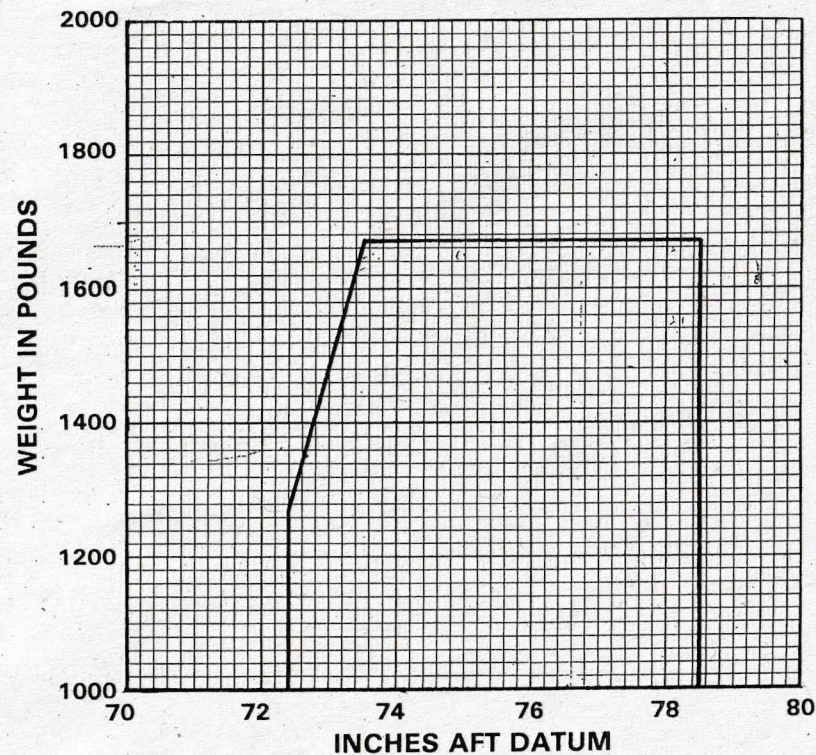
WEIGHT AND BALANCE LOADING FORM
Figure 6-13

Seat Position	Arm Aft Datum (Inches)
FWD 1	80.8
2	82.3
3	83.9
4	85.5
5	87.5
AFT 6	89.5

SEAT POSTION AND CORRESPONDING ARM AFT DATUM
Figure 6-14

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C. G. RANGE AND WEIGHT
Figure 6-17