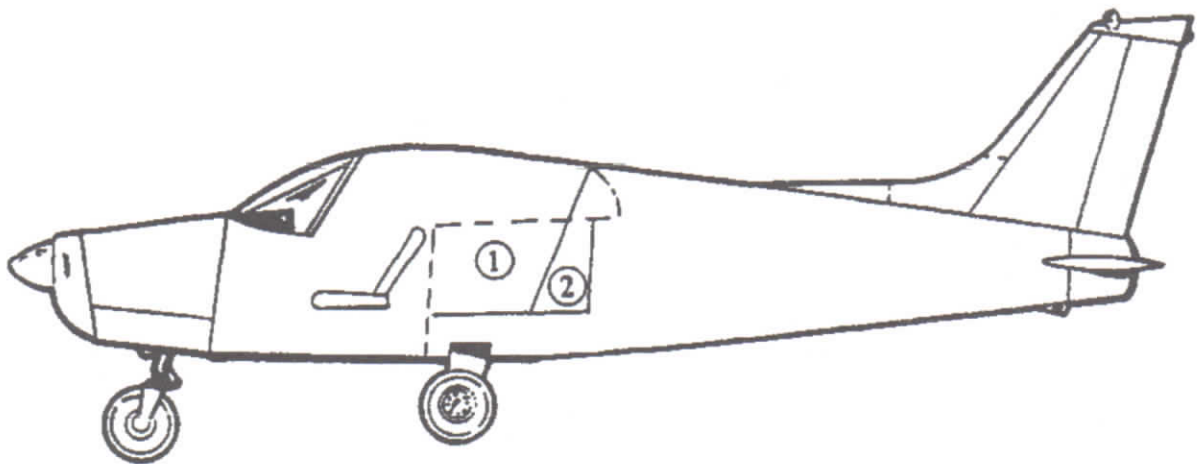


MAXIMUM ALLOWABLE BAGGAGE



- A. Maximum Allowable Baggage Capacity Area ① = 200 lbs.
- B. Maximum Allowable Baggage Capacity Area ② = 100 lbs.

Aircraft are eligible for 100-lb maximum baggage in this area when modified in accordance with Piper drawing 66671.

SAMPLE LOADING PROBLEM (Normal Category)

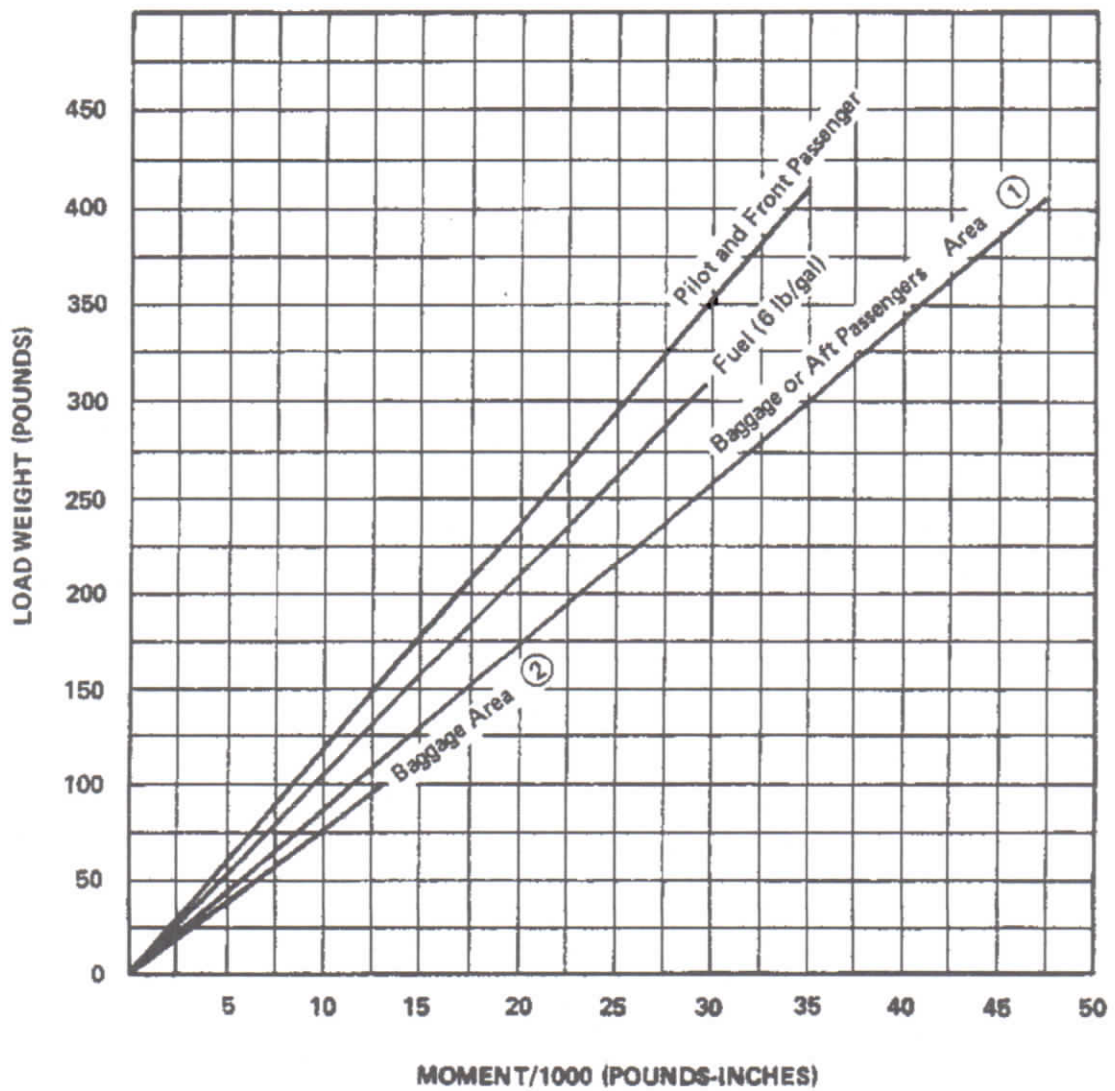
	Weight (Lbs)	Arm Aft Datum (Inches)	Moment (In-Lbs)
Licensed Empty Weight	1309	86.024	112605.41
Oil (8 quarts)	15	32.5	488
Pilot and Front Passenger		85.5	
Passengers, Aft *		117.0	
Fuel (50 Gal. Maximum)		95.0	
Baggage * Area 1		117.0	
Baggage * Area 2		133.3	
Total Loaded Airplane			

The center of gravity (C.G.) of this sample loading problem is at _____ inches aft of the datum line. Locate this point () on the C.G. range and weight graph. Since this point falls within the weight - C.G. envelope, this loading meets the weight and balance requirements.

IT IS THE RESPONSIBILITY OF THE PILOT AND AIRCRAFT OWNER TO INSURE THAT THE AIRPLANE IS LOADED PROPERLY.

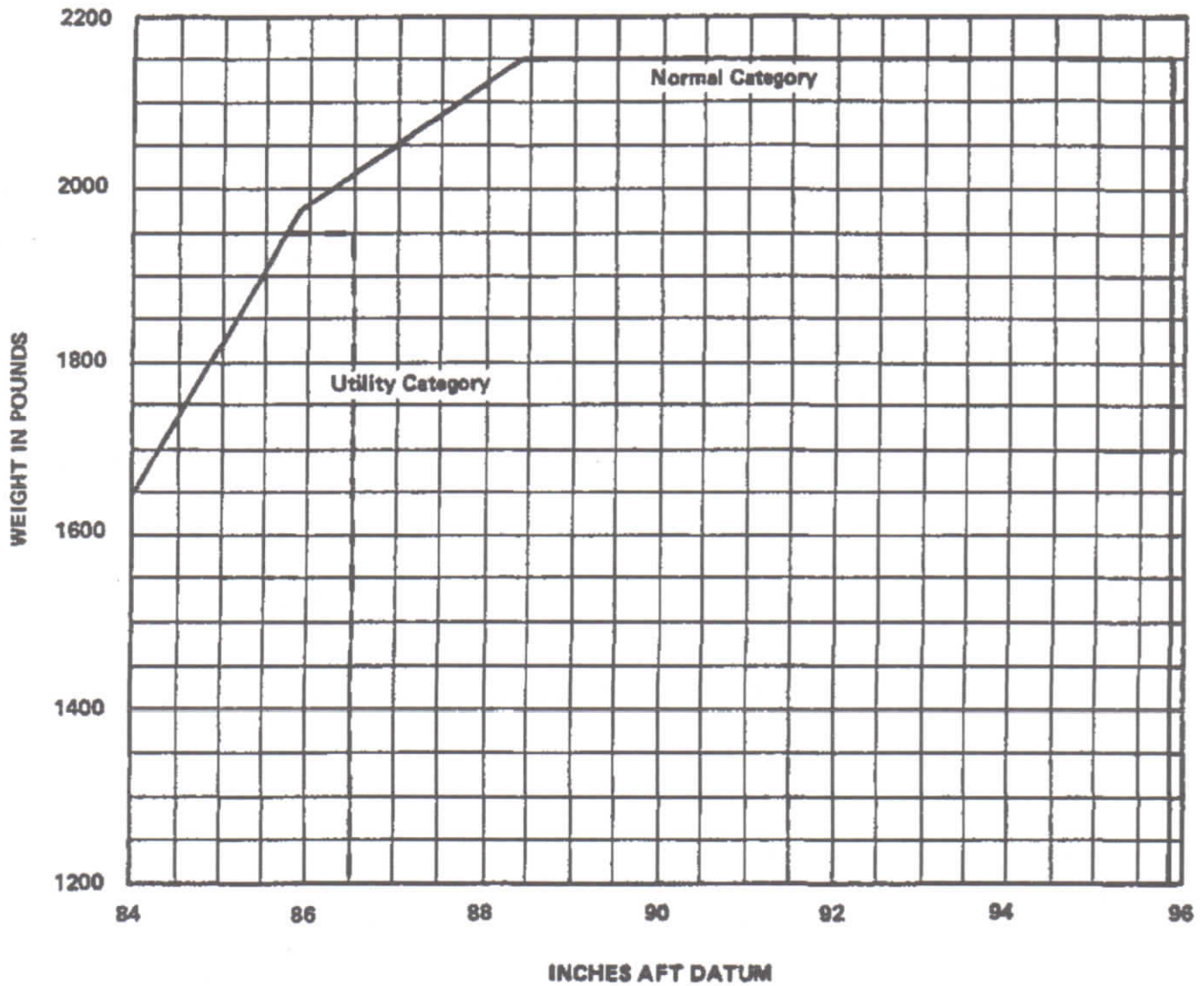
- *Utility Category Operation - No baggage or aft passengers allowed.
- Normal Category Operation - See Page 5-11.

LOADING GRAPH



CHEROKEE CRUISER

C. G. RANGE AND WEIGHTS



C. G. RANGE AND WEIGHT INSTRUCTIONS

1. Add the weight of all items to be loaded to the licensed empty weight.
2. Use the loading graph to determine the moment of all items to be carried in the airplane.
3. Add the moment of all items to be loaded to the licensed empty weight moment.
4. Divide the total moment by the total weight to determine the C.G. location.
5. By using the figures of Item 1 and Item 4, locate a point on the C.G. range and weight graph. If the point falls within the C.G. envelope, the loading meets the weight and balance requirements.

NOTE

With optional jump seats installed, aft passenger weight is restricted only by airplane weight and balance limitations (See Page 5-14). For baggage allowance, see Page 5-11.