

WEIGHT AND BALANCE REVISION

MAKE: Piper

MODEL: PA28-181

SERIAL# : 28-7990380

REGISTRATION: N2171Y

EQUIPMENT CHANGE

Computing New C.G.

[illegible]

* ITEM NUMBERS WHEN LISTED IN THE PERTINENT AIRCRAFT SPECIFICATION MAY BE USED IN LIEU OF "ITEM, MAKE, AND MODEL"

Gross Weight: 2558

New empty weight: 1566.50

New Center of gravity: 87.39

Moment: 136898.71

Useful load: 991.5

Prepared By

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Date _____

11/10/2009

SECTION 6
WEIGHT AND BALANCE

N 2171Y

PIPER AIRCRAFT CORPORATION
PA-28-181, CHEROKEE ARCHER II

	Weight (Lbs)	Arm Aft Datum (Inches)	Moment (In-Lbs)
Basic Empty Weight	1566.5	87.39	136898.71
Pilot and Front Passenger		80.5	
Passengers (Rear Seats)*		118.1	
Fuel (48 Gallon Maximum)		95.0	
Baggage*		142.8	
Total Loaded Airplane			

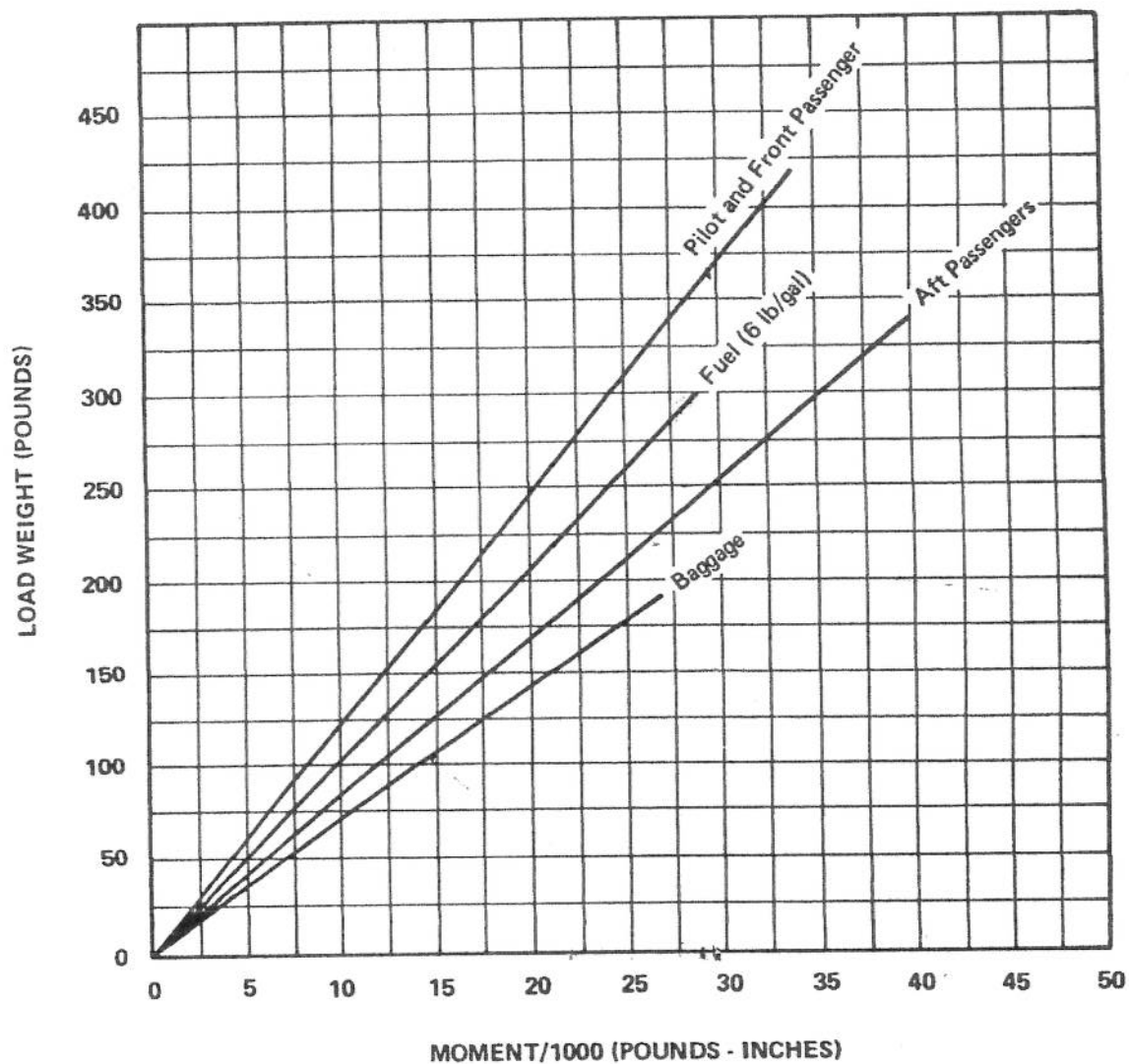
Totals must be within approved weight and C.G. limits. It is the responsibility of the airplane owner and the pilot to insure that the airplane is loaded properly. The Basic Empty Weight C.G. is noted on the Weight and Balance Data Form (Figure 6-5). If the airplane has been altered, refer to the Weight and Balance Record for this information.

*Utility Category Operation - No baggage or rear passengers allowed.

WEIGHT AND BALANCE LOADING FORM

Figure 6-11

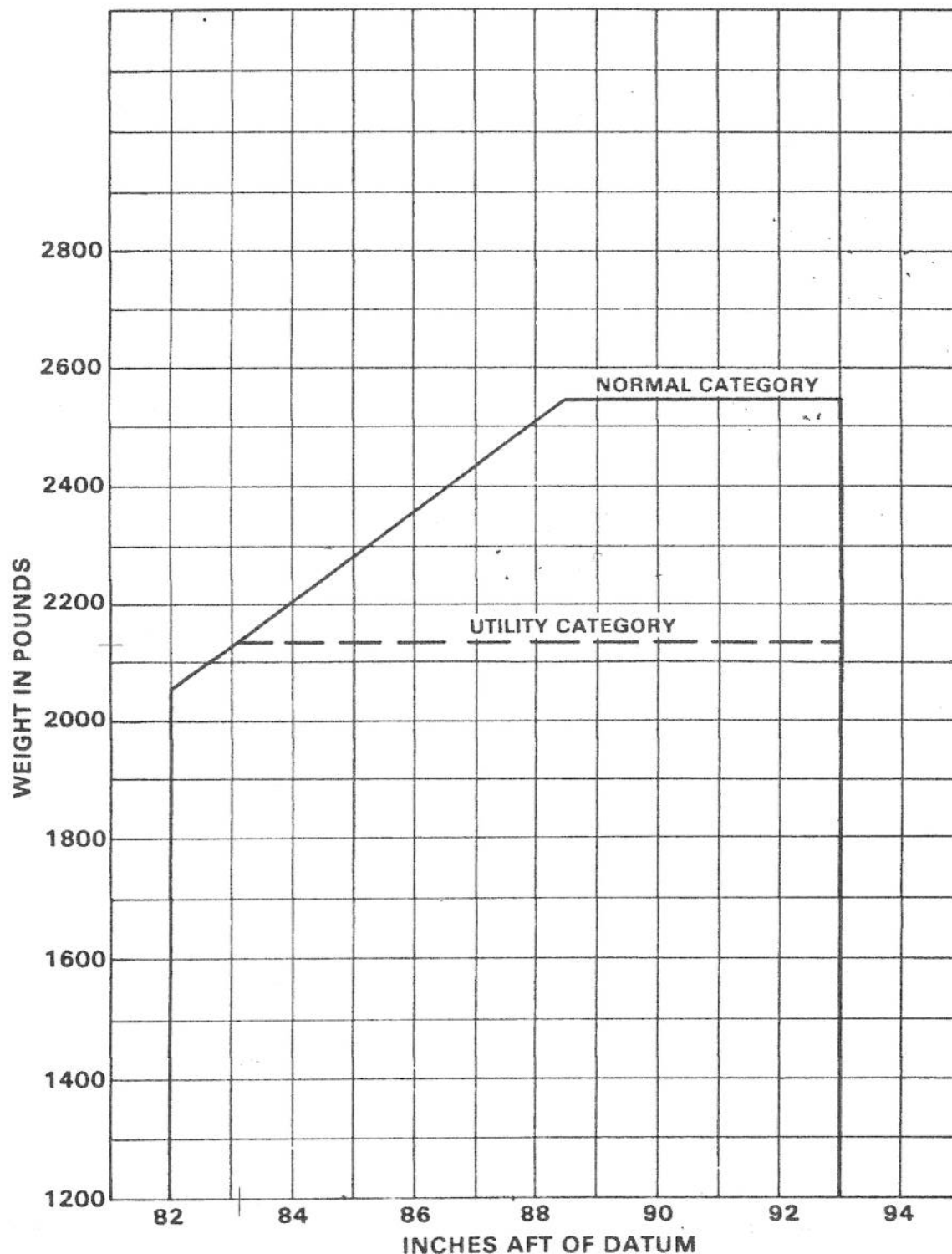
N21714



LOADING GRAPH

Figure 6-13

N2171Y



C. G. RANGE AND WEIGHT

Figure 6-15