

A/C Make Piper
 A/C Model PA28R-200
 A/C S/N 28R-35117
 A/C N# 98JG
 Date 5/2/2018

A/C Gross Weight: 2,600

Aircraft Previous Weight & Balance

EQUIPMENT REMOVED

Narco AT-50A Transponder

Weight	Arm	Moment
1,538.64	86.69	133384.70
		0.00
-3.60	64.00	-230.40
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00

EQUIPMENT INSTALLED

Garmin GTX-327 Transponder

3.60	64.00	230.40
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00

Total 1538.64 86.69 133384.70

New A/C Empty Weight: 1538.64

New A/C CG: 86.69

New A/C Moment: 133384.70

New A/C Useful Load: 1061.36

Supersedes: 2/21/2017

Signed: 

A&P 3677532

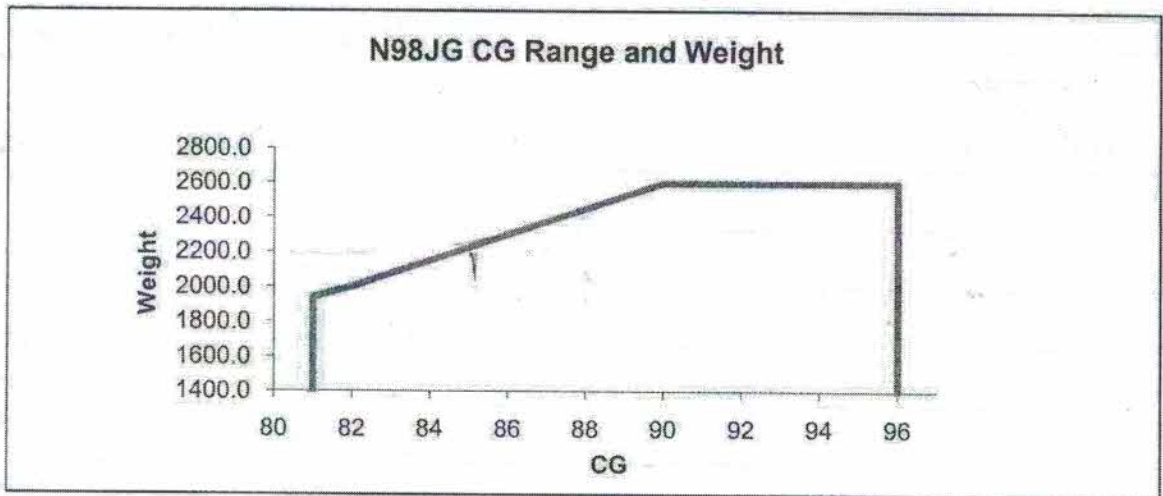
THIS EQUIPMENT LIST AND WEIGHT AND BALANCE IS TO REMAIN IN AIRCRAFT.

N98JG Weight & Balance

Manual Calculation Form

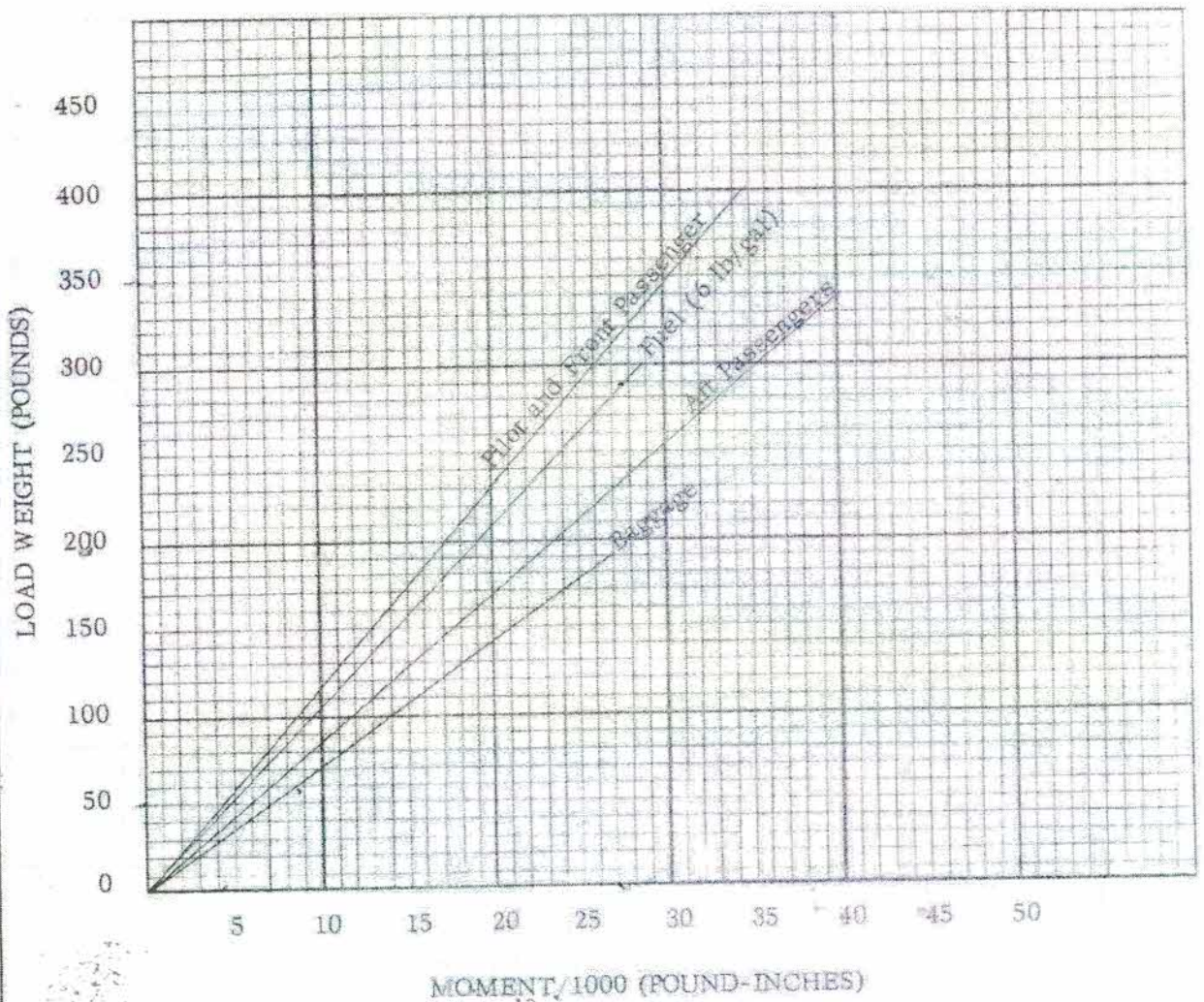
	Weight (Pounds)	Arm (Inches)	Moment (In. Lbs.)
Licensed Empty Weight	1538.64 1537.95 1535.6	86.69	132886.0
Quarts Oil (8 Maximum)	7	13.1	387.2
Pilot and Front Passenger		85.5	
Rear Seat Passengers		118.1	
Gallons Fuel (50 Maximum)		95.0	
Baggage		142.8	
Total Weight and Moment			
Resulting Center of Gravity			

~~132860.43~~ 133384.7



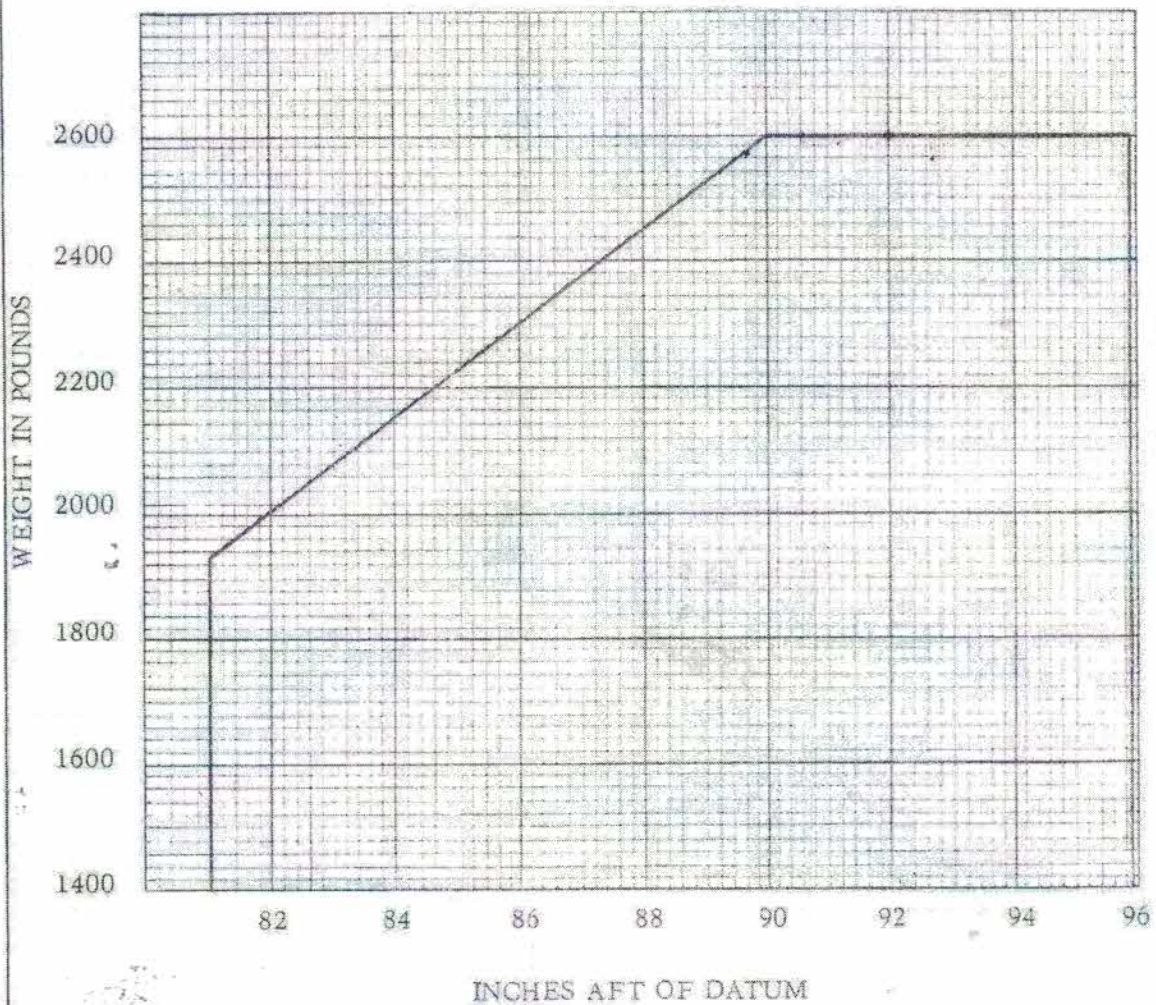
PREPARED	PIPER AIRCRAFT CORP. DEVELOPMENT CENTER, VERO BEACH, FLA.	Weight and Balance Data Model PA-28R-200
CHECKED		REPORT VB-176
APPROVED		PAGE 3 Section 1

LOADING GRAPH



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C.G. RANGE AND WEIGHT



MOMENT DUE TO RETRACTING LANDING GEAR = + 819 IN-LBS