



WEIGHT & BALANCE

Work Order: WO_9014

Date: January 14, 2025

E&E AVIATION

7884 EAGLE LANE HANGAR M6

SPRING, TX 77379

Raymond Villalba • eeaviationmx@gmail.com • (832)639-8380

Registration #: N9040K

Serial: 28-7816186

Make: PIPER

Model: PA-28-161

hobbs: 8496.1

tach: 6209.7

Previous Weight Information

Aircraft Gross Weight: 2440.0

Previous Weight: 1534.8

Previous Arm: 86.77

Previous Moment: 133173.4

Date: January 04, 2024

Items Removed

Item	Part Number	Serial Number	Weight	Arm	Moment
NARCO NAV COM	MK12D		6.0	56.9	341.4
Total of Items Removed			6.0		341.4

Items Installed

Item	Part Number	Serial Number	Weight	Arm	Moment
215	GNC		3.1	56.9	176.4
Total of Items Installed			3.1		176.4

New Aircraft

Empty Weight	Empty Weight CG	Moment	Useful Load
1531.9	86.83	133008.4	908.1

FOR AIRCRAFT LOADING, SEE INSTRUCTIONS IN AIRCRAFT FLIGHT MANUAL

Computed By: RAYMOND VILLALBA

Certificate #: A&P IA [REDACTED]

[REDACTED] (signature)

**SECTION 6
WEIGHT AND BALANCE**

**PIPER AIRCRAFT CORPORATION
PA-28-161, CHEROKEE WARRIOR II**

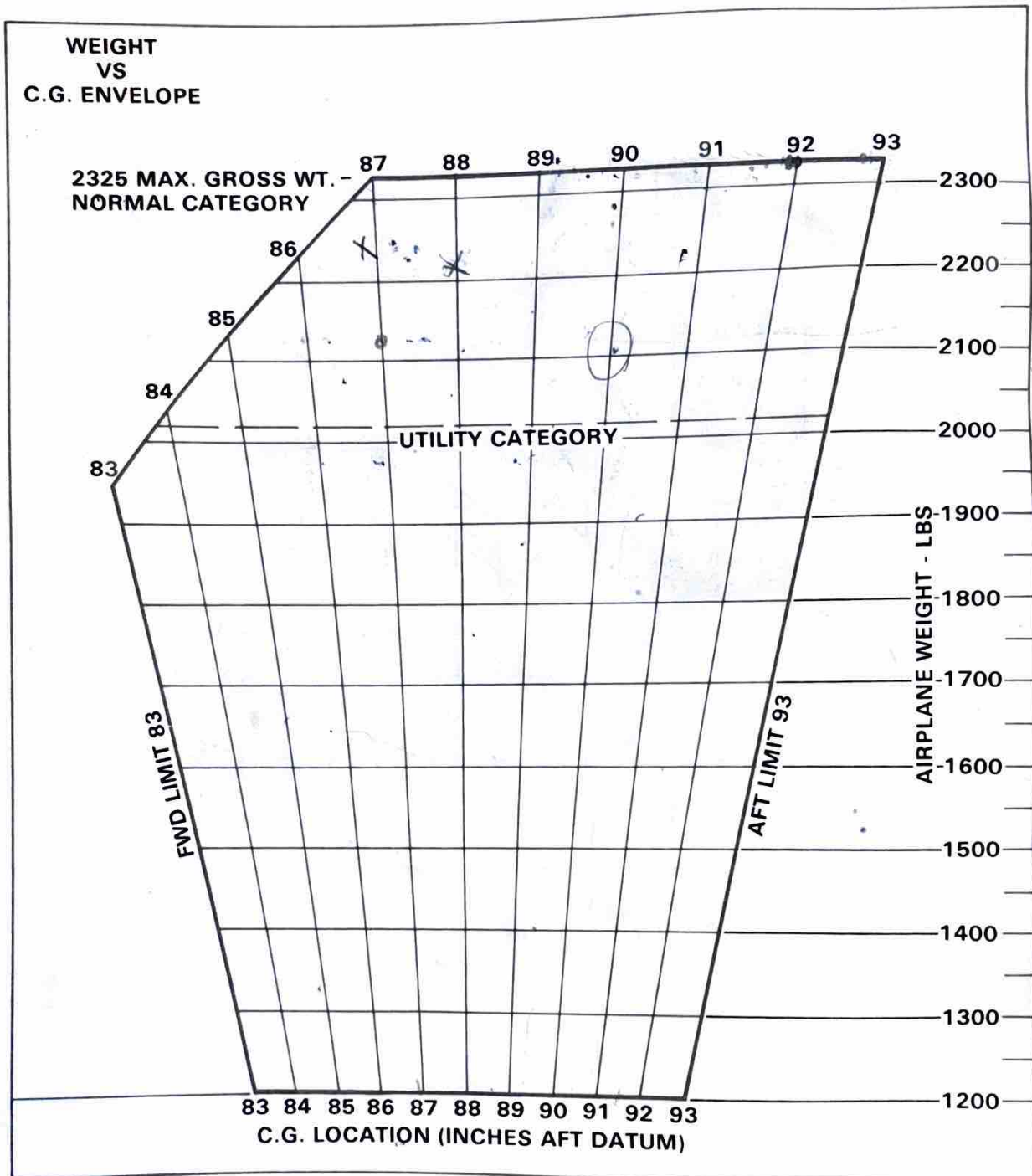
	Weight (Lbs)	Arm Aft Datum (Inches)	Moment (In-Lbs)
Basic Empty Weight			
Pilot and Front Passenger		80.5	
Passenger (Rear Seats)*		118.1	
Fuel (48 Gallon Maximum)		95.0	
Baggage* (200 Lbs. Maximum)		142.8	
Total Loaded Airplane			

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 aft passengers allowed.

WEIGHT AND BALANCE LOADING FORM

Figure 6-11



C. G. RANGE AND WEIGHT

Figure 6-15