



N3848T

Station	Weight		Arm		Moment
Plane	1524.18		86.70		132,142.78
Oil		x	29.5	=	
Front Seats		x	85.5	=	
Back Seats		x	118.1	=	
Baggage Area	+	x	142.8	=	+
Zero Fuel Weight	SUM		CG		SUM
Fuel	+	x	95.0	=	+
Moment due to retracting landing gear					+ 819
Total Ramp Weight	SUM		CG		SUM

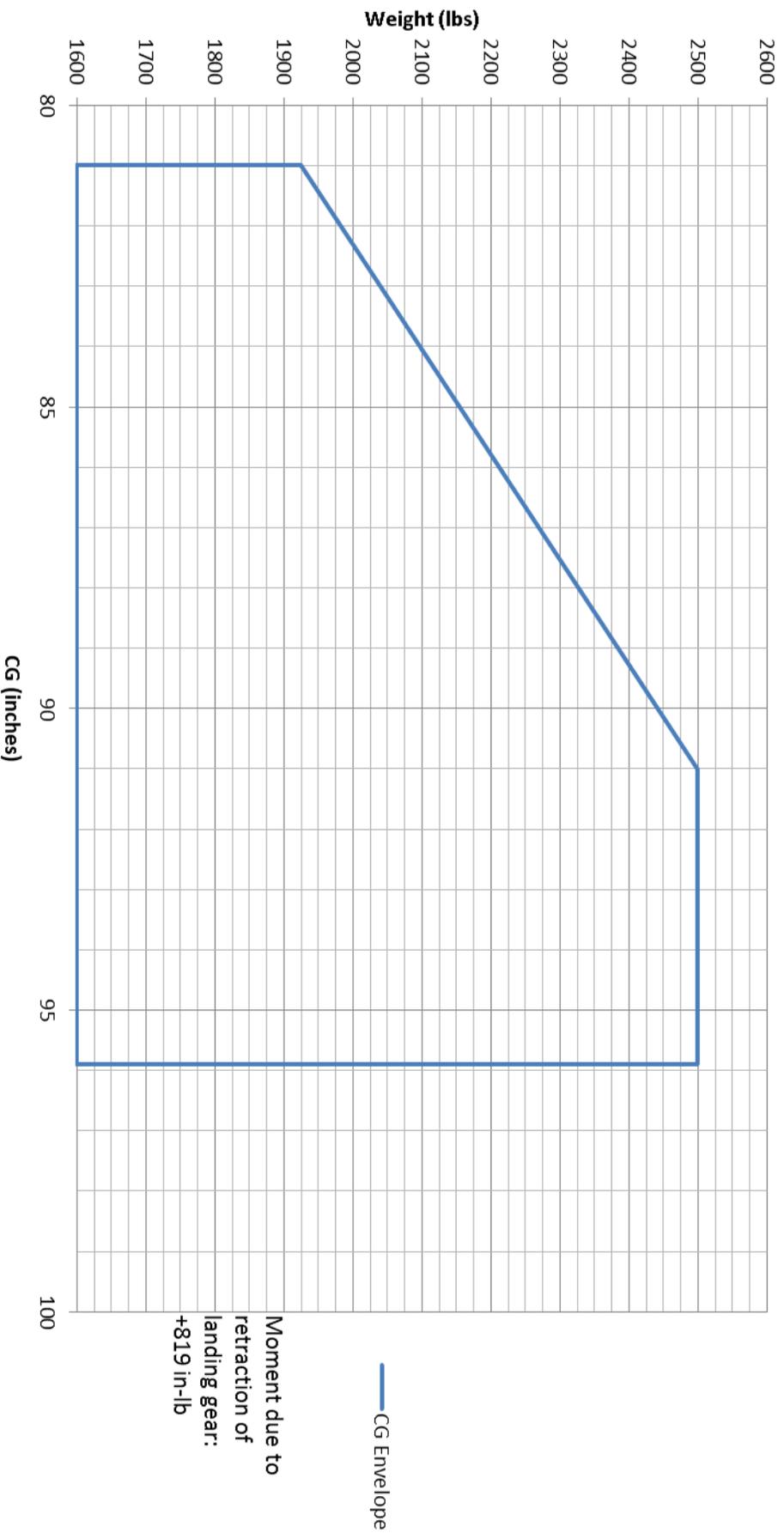
MOMENT = WEIGHT X ARM

CG= MOMENT/ WEIGHT

$$\frac{\text{WEIGHT TO BE SHIFTED}}{\text{TOTAL WEIGHT}} = \frac{\Delta \text{CG}}{\text{DISTANCE WEIGHT IS SHIFTED}}$$

NOTE: Should information herein conflict with that in the FAA-approved Flight Manual, the flight manual should take precedence.

CG Envelope



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