



**N7815G**

Station	Weight		Arm		Moment
Plane	1402.70	x	38.75	=	54352.93
Front Seats		x	37.00	=	
Back Seats		x	73.00	=	
Baggage Area 1		x	95.00	=	
Baggage Area 2	+	x	123.00	=	+
Zero Fuel Weight	SUM		CG		SUM
Fuel	+	x	48.00	=	+
Total Ramp Weight	SUM		CG		SUM

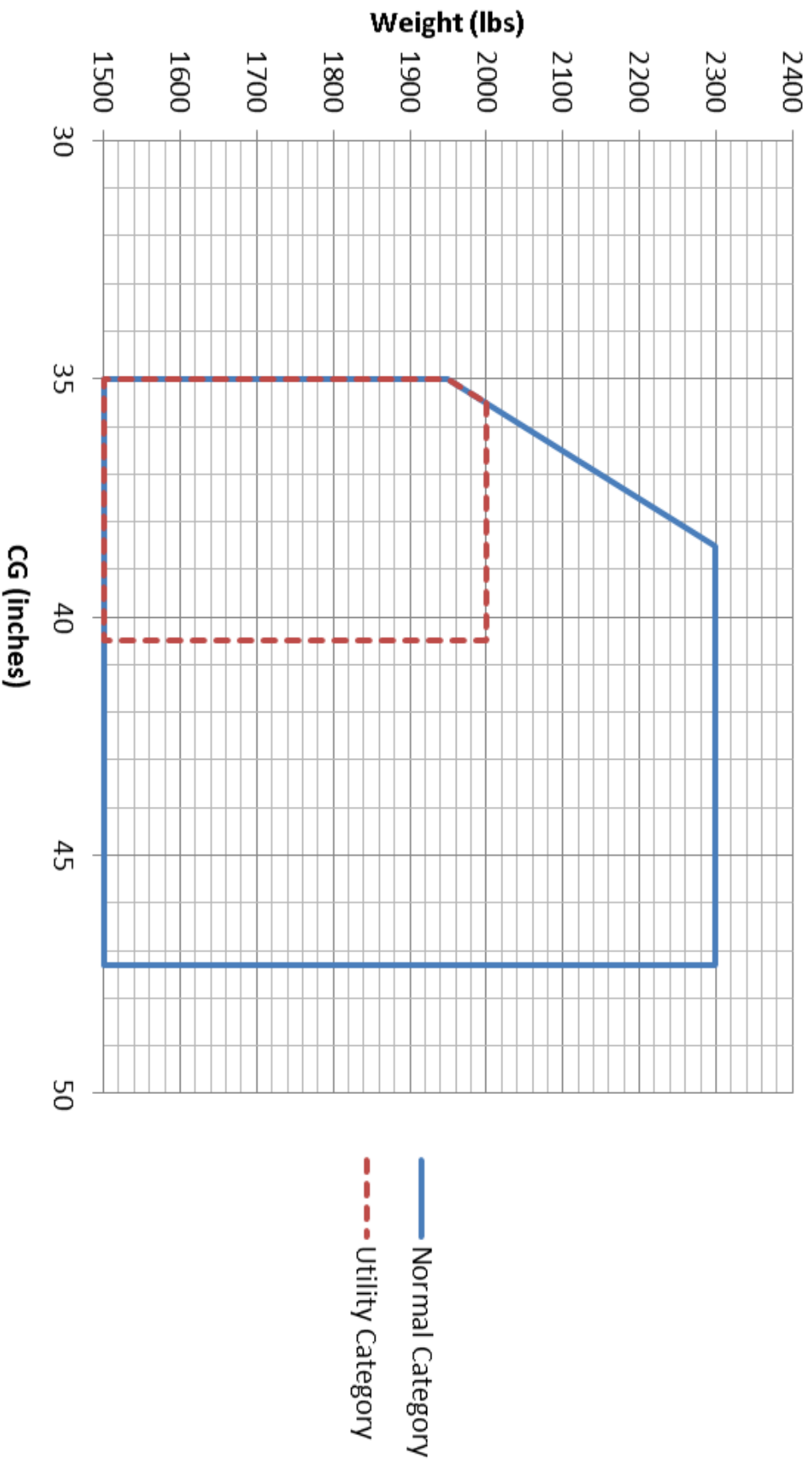
MOMENT = WEIGHT X ARM

CG= MOMENT/ WEIGHT

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

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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