



**N641AH**

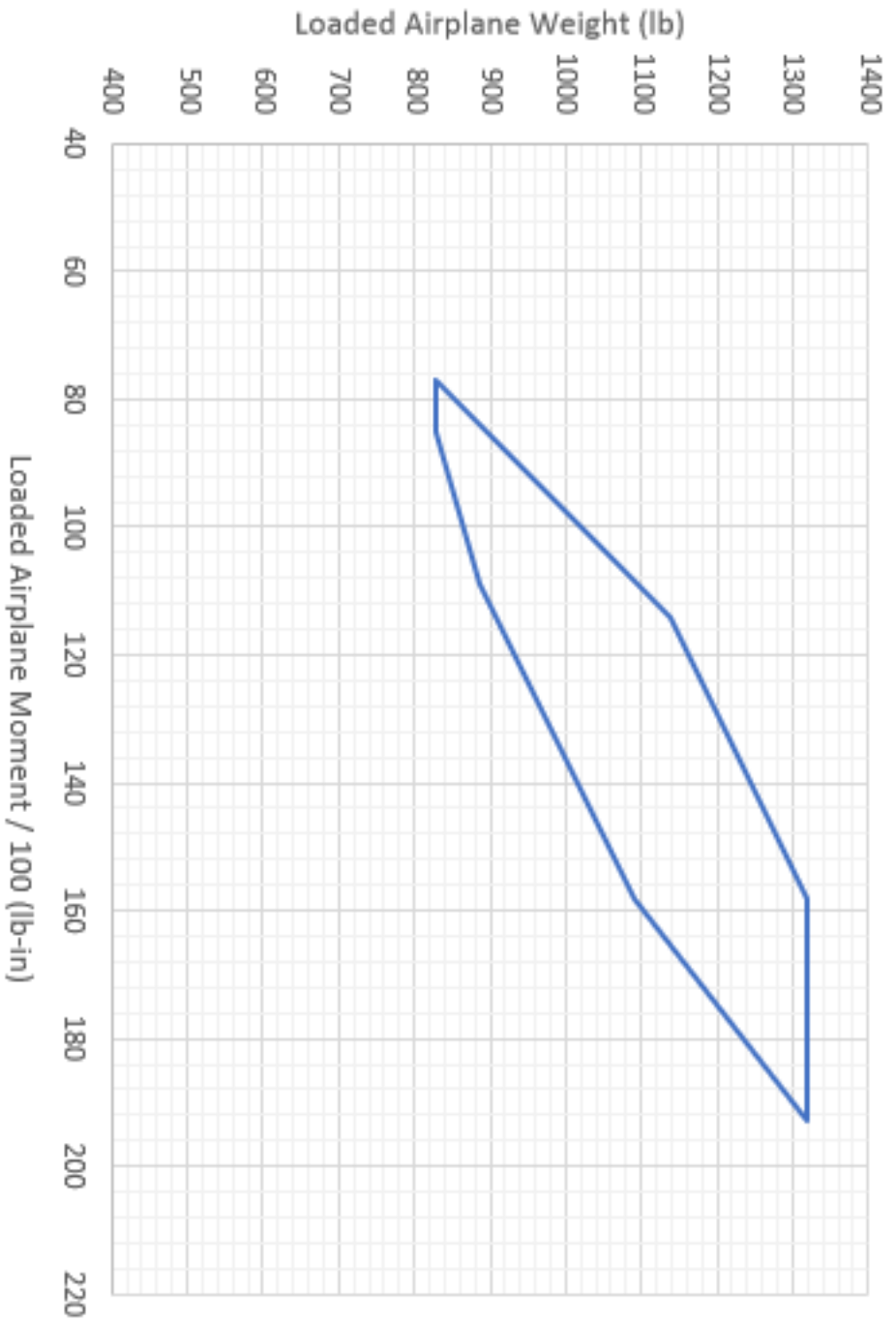
Station	Weight		Arm		Moment
Plane	814.18	x	7.3	=	5942.2
Front Seats		x	19.25	=	
Baggage Area 1		x	40.43	=	
Zero Fuel Weight	SUM		CG		SUM
Fuel	+	x	24.54	=	+
Total Ramp Weight	SUM		CG		SUM

$$\text{MOMENT} = \text{WEIGHT} \times \text{ARM}$$

$$\text{CG} = \text{MOMENT} / \text{WEIGHT}$$

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

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



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