



NSJ Aircraft Weight & Balance Table

Weight x Arm = Moment

	Station	Weight (lbs)	Arm (inches)				Moment				Useable Fuel (gal) <i>6 lbs/gal</i>	Useful Load (lbs)	Max Gross Weight (lbs)	
			N93JS	N95203	N4345Q	N737KZ	N93JS	N95203	N4345Q	N737KZ				
Aircraft	N93JS	1,459	38.24				55,790.00				48	841	2300	
	N95203	1,363.28		85.47				116,515.25			49.5	786.7	2150	
	N4345Q	1,453.00			36.68				53,300.00		38	1,097.00	2550	
	N737KZ	1,527.55				38.84				59,326.26	40	1,022.45	2550	
Station	Oil (8qt. = 15lbs)		-13.3	32.5	-13.3									
	Pilot & Front Passenger		34-46	80.5-90.5	34-46	34-46								
	Rear Passengers *		73	117	73	73							Takeoff - Ground Roll / 50' Obst. /	
	Baggage Area 1 ^ * #		95	117	95	95								
	Baggage Area 2 * #			133.3		123								Landing - Ground Roll / 50' Obst. /
	Fuel		48	95	48	48								
TOTAL			C.G. =											

C.G. = Total Moment / Total Weight

* **N95203** - Utility Category Operation - No baggage or aft passengers allowed. Normal Category Operation - See Page 2A of the Airplane Flight Manual.

***C172** Maximum baggage capacity 120 pounds

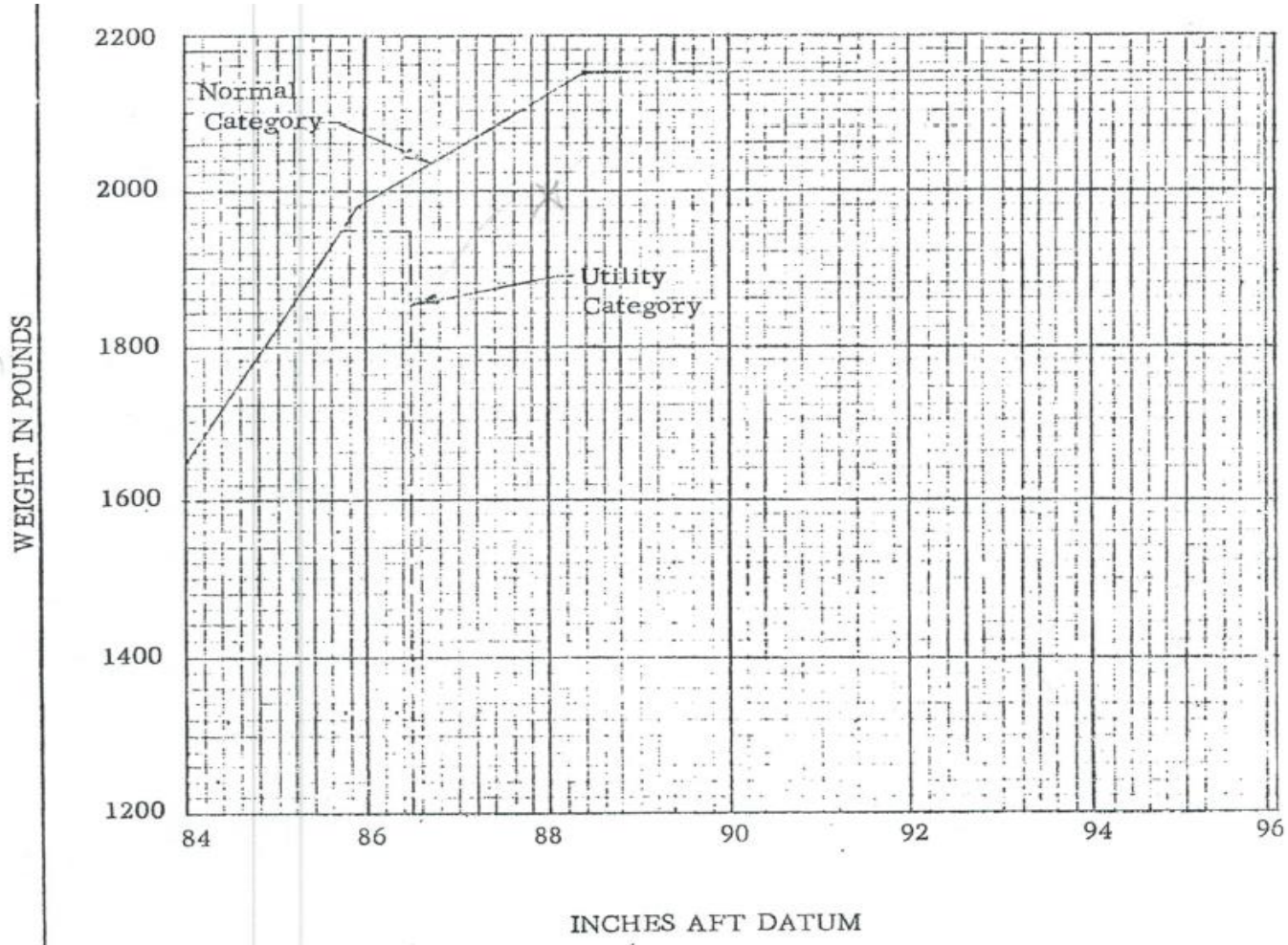
REV. 10/20/2022

Pressure Altitude = (29.92 - current altimeter setting) x 1,000 + field elevation

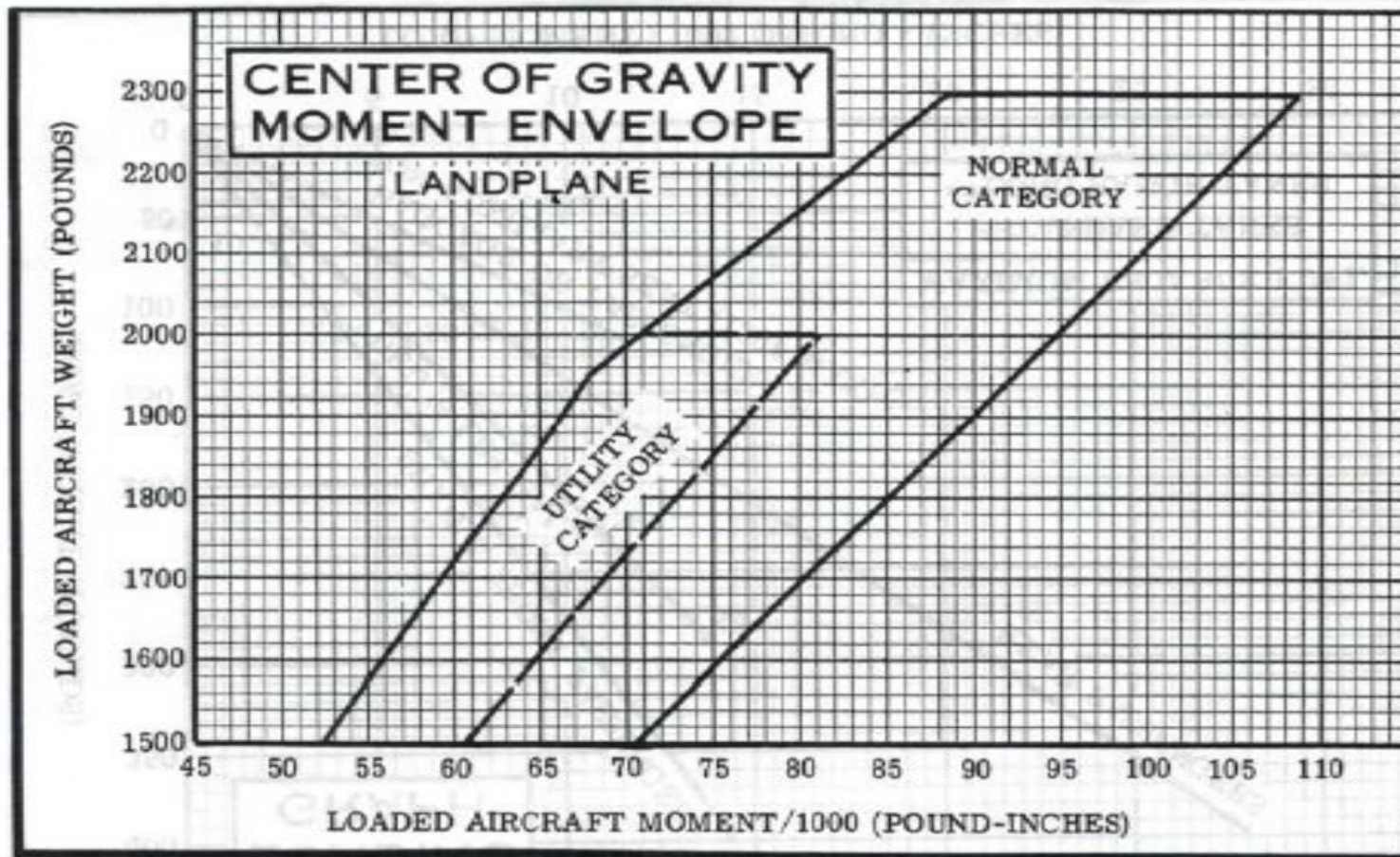
Density Altitude = pressure altitude + [(OAT - ISA Temp@PA) x 120]

Standard Pressure = 29.92

Standard Temperature (ISA) at Sea Level = 15C, decreasing 2C/1,000' of altitude gain

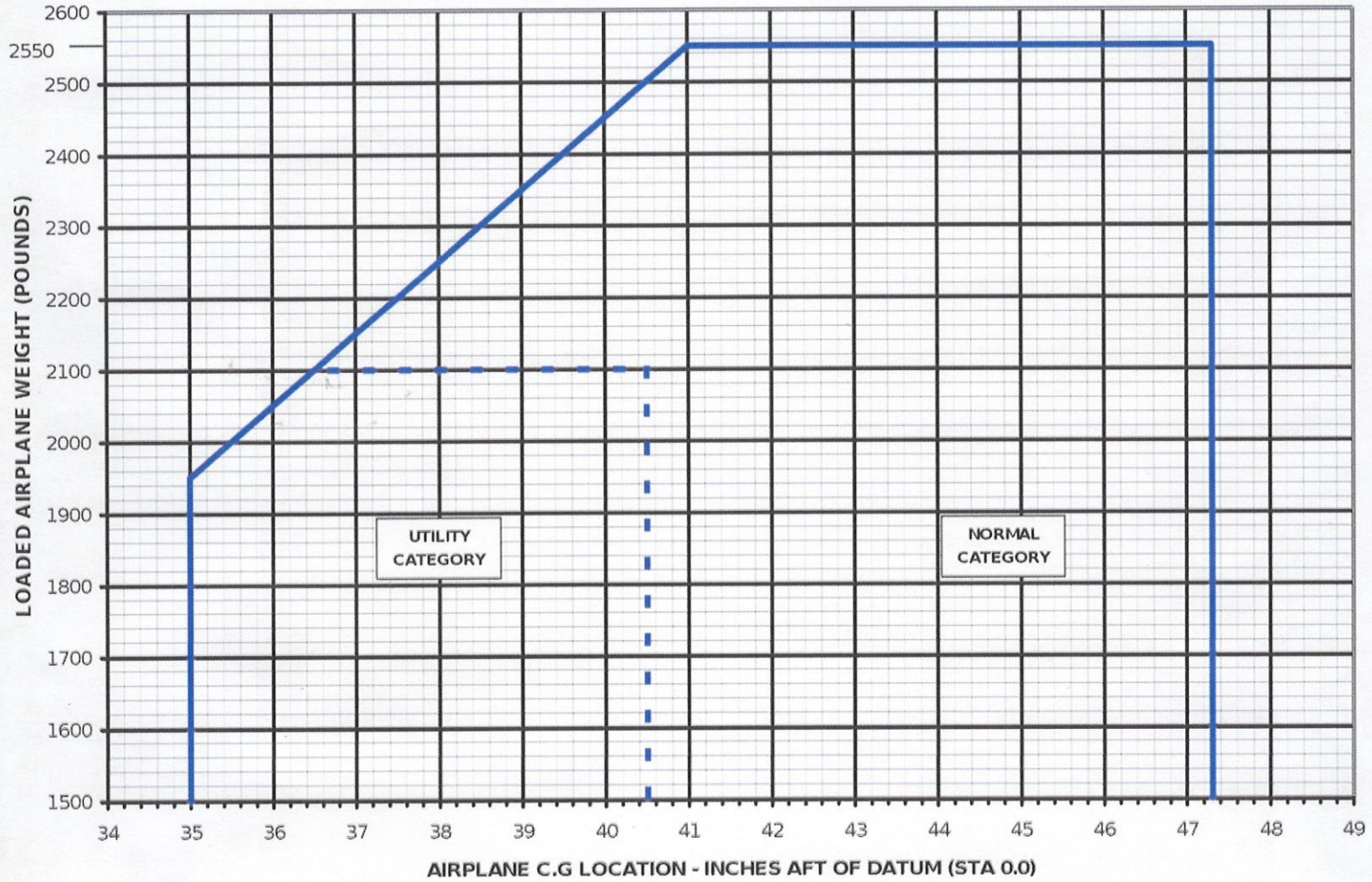


N95203



N93JS

CENTER OF GRAVITY LIMITS



N4345Q & N737KZ

