



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	N758HS	N872WL	N93JS	N95203	N758HS	N872WL			
Aircraft	N93JS	1455	36.46				53,050.00				48	845	2300
	N95203	1363.3		85.46				116,437.27			49.5	787	2150
	N758HS	1595.03			37.72				60,168.41		66	954	2550
	N872WL	1579.21				86.07				135,927.55	48	1020.79	2600
Station	Oil (8qt. = 15lbs)		-13.3	32.5		29.5							
	Pilot & Front Passenger		34-46	80.5-90.5	34-46	85.5					Takeoff - Ground Roll / 50' Obst.		
	Rear Passengers *		73	117	73	118.1					/		
	Baggage Area 1 ^ * #		95	117	95	142.8					Landing - Ground Roll / 50' Obst.		
	Baggage Area 2 * #			133.3	123						/		
	Fuel		47.8	95	48	95					/		
	Gear Retract (+ mom)									819			
TOTAL			C.G. =										

C.G. = Total Moment / Total Weight

^ **N872WL** - Check Aft C.G. between 150 lbs and 200 lbs.

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

N758HS - The maximum allowable combined weight capacity for baggage areas 1 and 2 is 200 lbs.

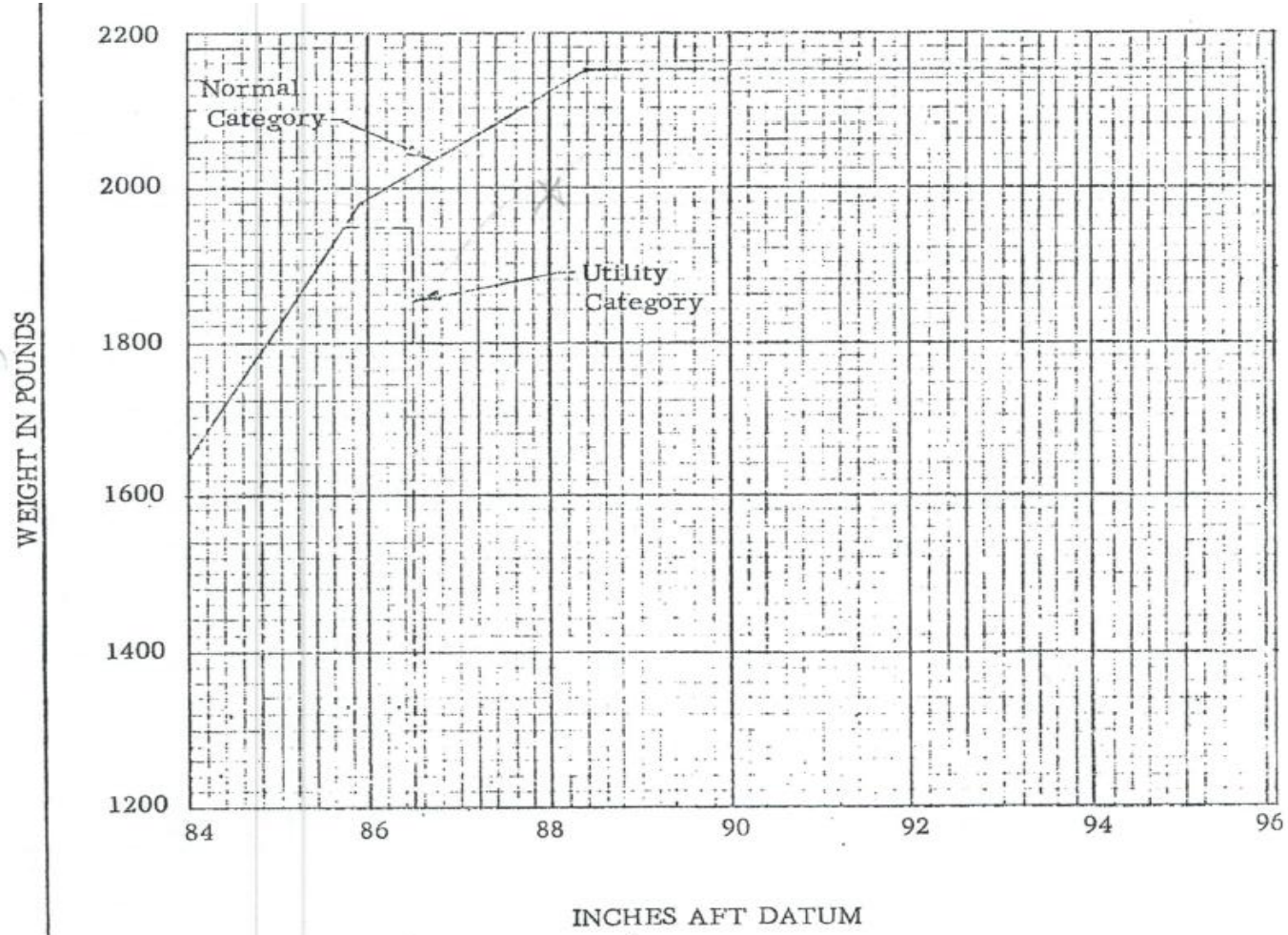
REV. 9/27/2017

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

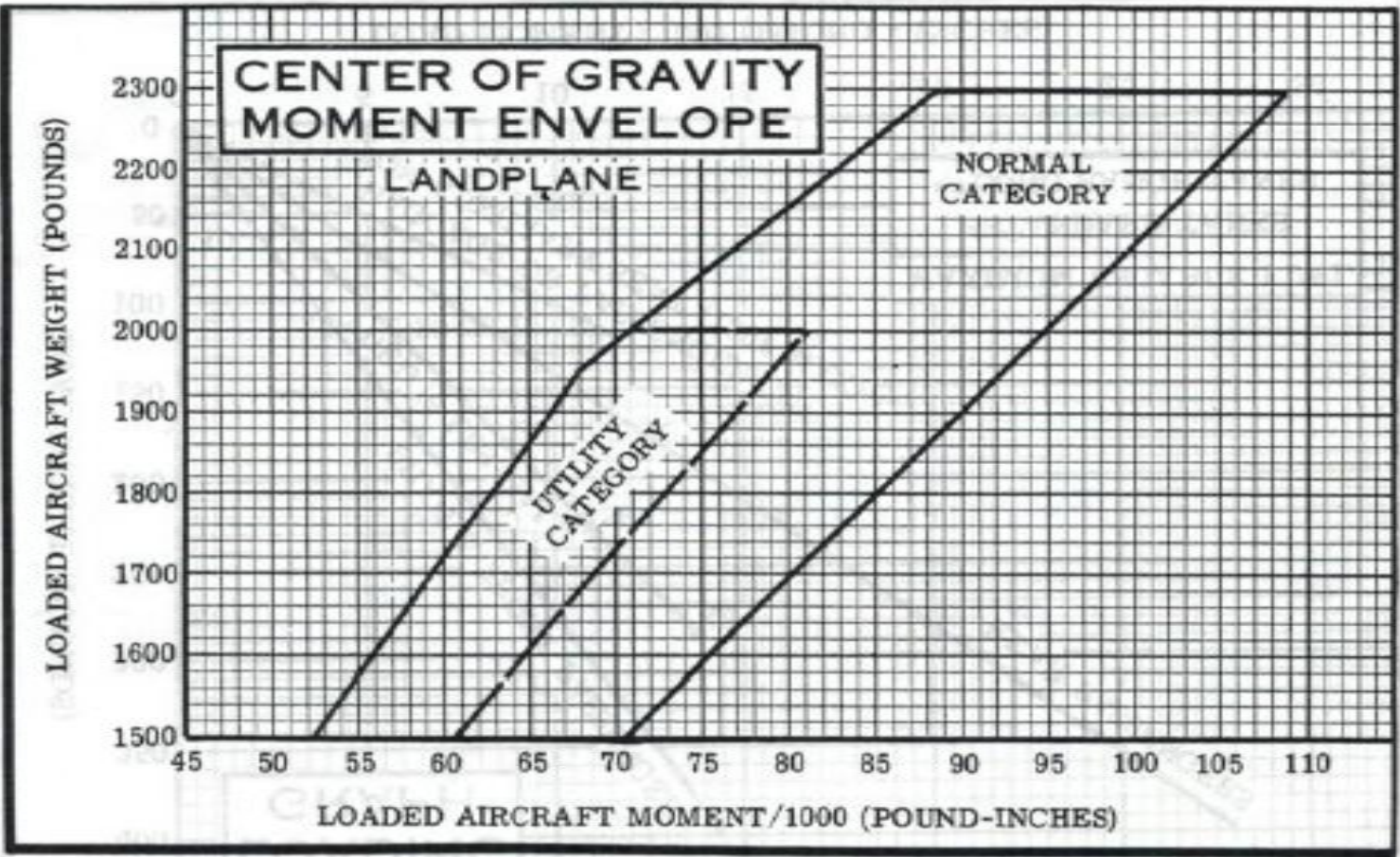
Density Altitude = pressure altitude + [(OAT - ISA Temp@PA) x 120]

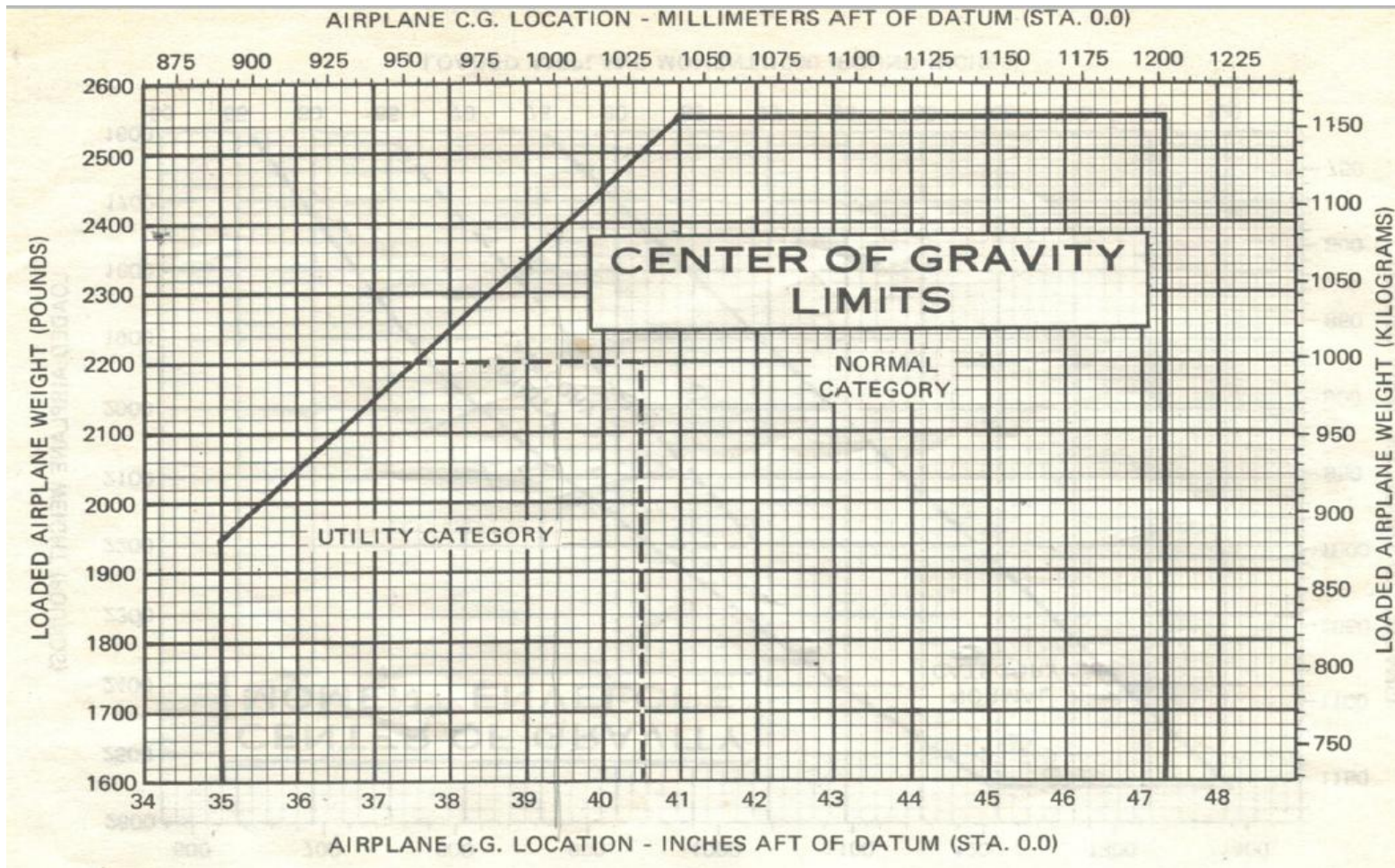
Standard Pressure = 29.92

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

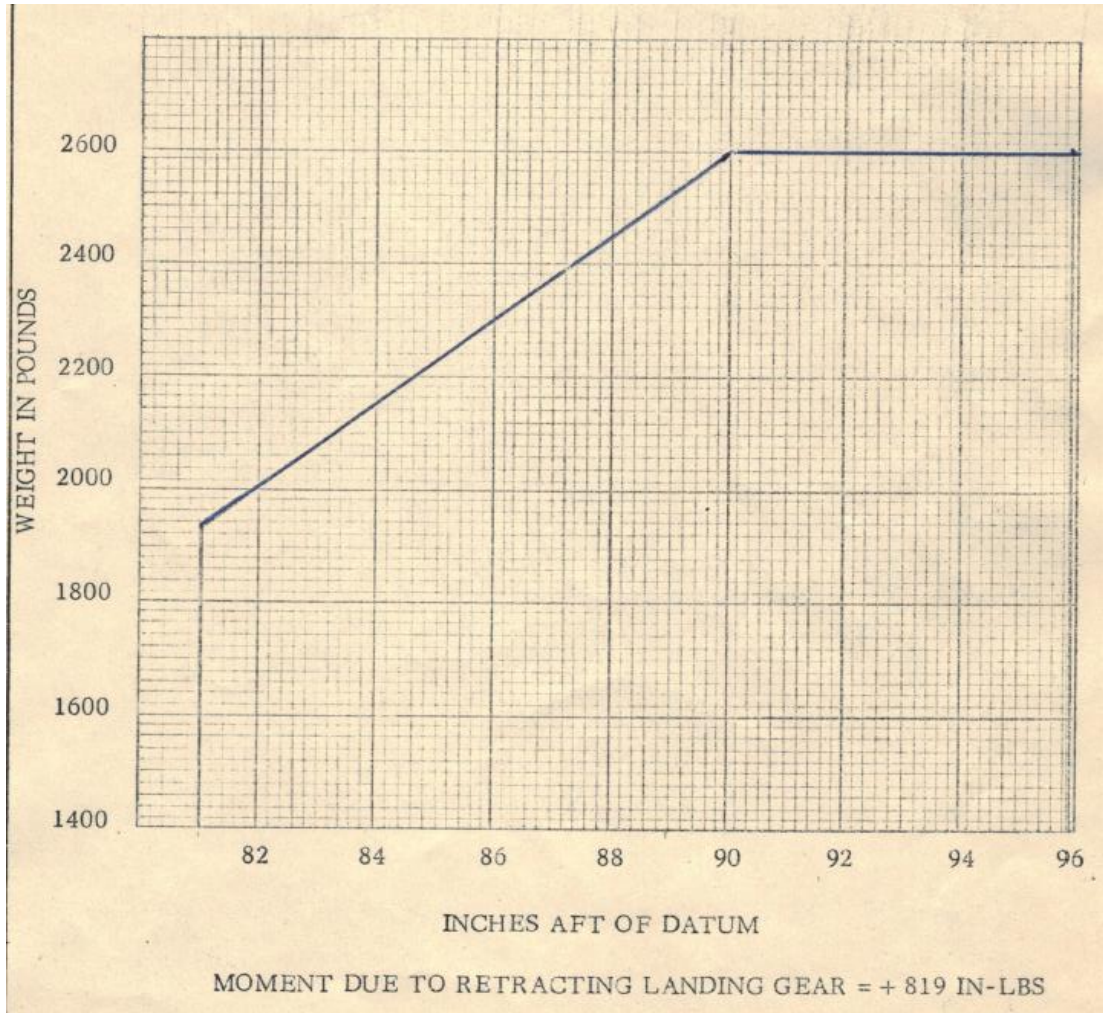


N95203





N758HS



N872WL