



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		N872WL	N93JS	N95203		N872WL			
Aircraft	N93JS	1,455	36.46				53,050.00				48	845	2300
	N95203	1,363.28		85.47				116,515.25			49.5	786.7	2150
	N872WL	1,582.41				85.89				135,917.85	48	1,017.60	2600
Station	Oil (8qt. = 15lbs)		-13.3	32.5		29.5					Takeoff - Ground Roll / 50' Obst. /		
	Pilot & Front Passenger		34-46	80.5-90.5		85.5							
	Rear Passengers *		73	117		118.1				Landing - Ground Roll / 50' Obst. /			
	Baggage Area 1 ^ * #		95	117		142.8							
	Baggage Area 2 * #				133.3								
	Fuel		47.8	95		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.

***N93JS**- Maximum baggage capacity 120 pounds

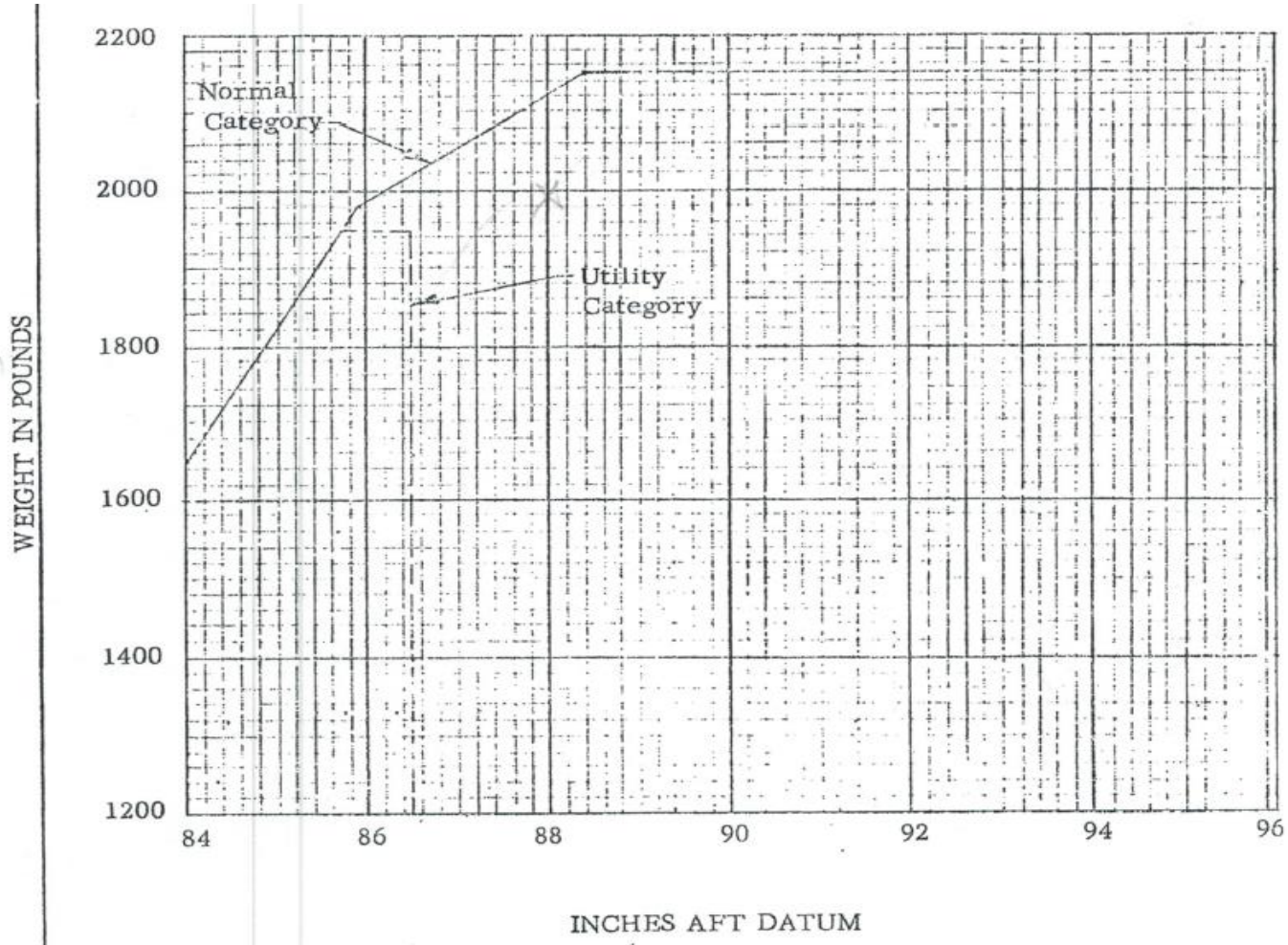
REV. 09/17/2020

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

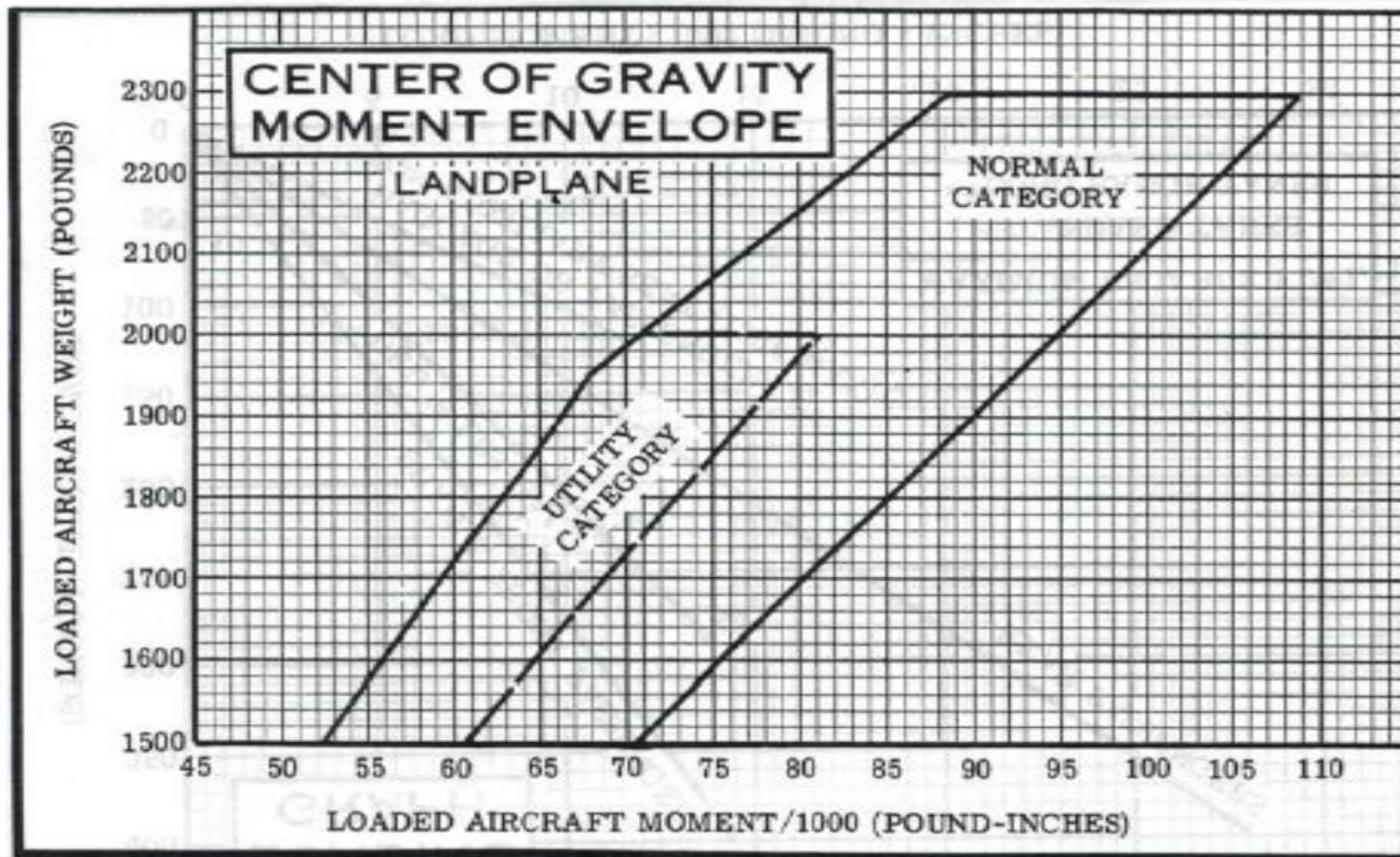
Density Altitude = pressure altitude + [(OAT - ISA Temp@PA) x 120]

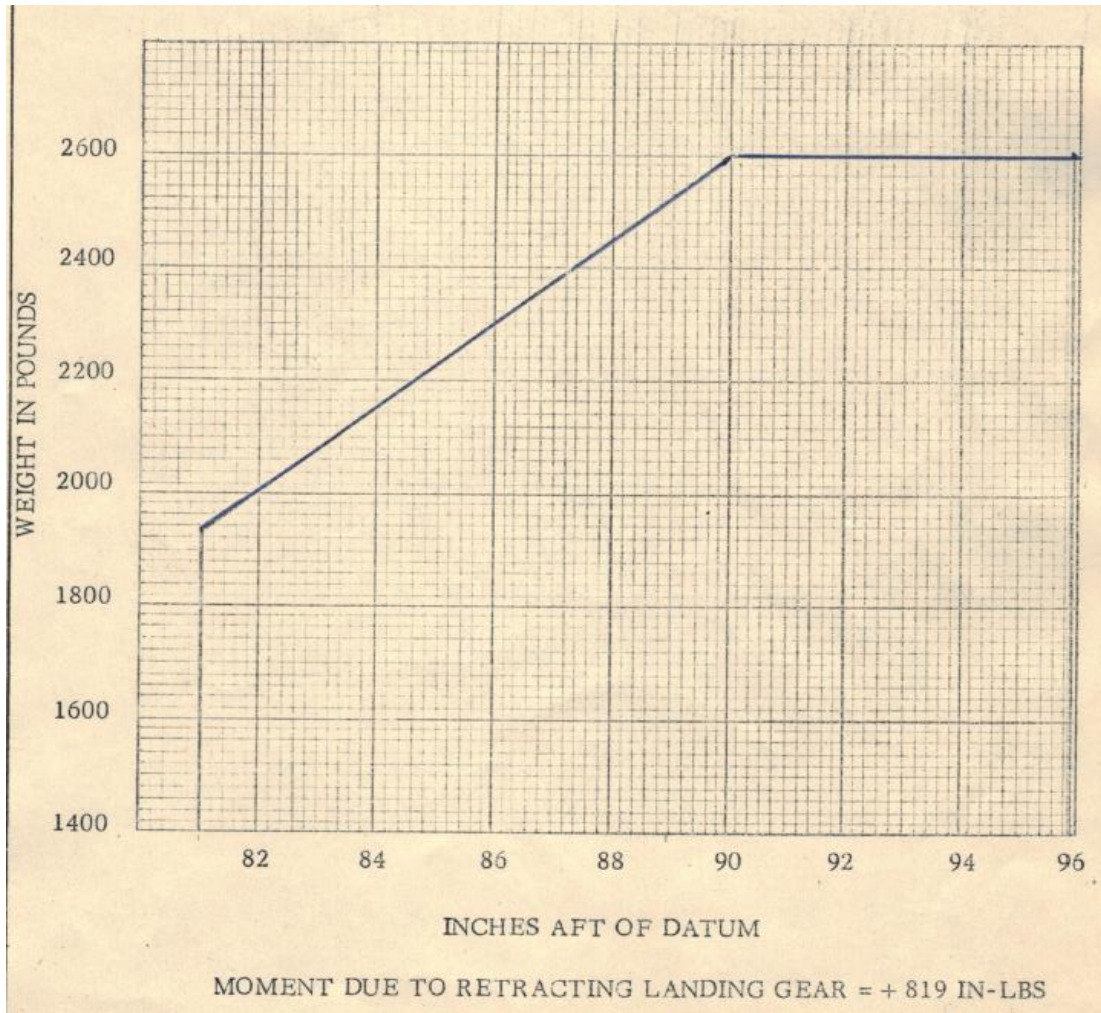
Standard Pressure = 29.92

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



N95203





N872WL

