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Weight & Balancesheet

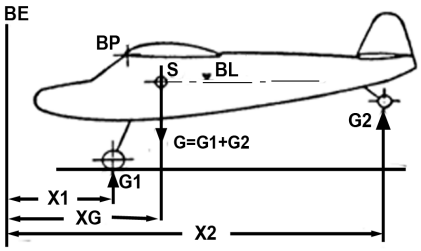
This weight & balancesheet refers to applioncelist

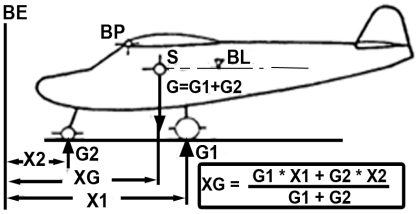
Date: 07-04-2020

Aircraft:	Piper Aircraft	PA-28-180	Serial No 28-2228	Order no.: 23-3-2020.N8121W	N8121W

A. Data I.A.W. Type datasheet

Datum Wingnose BP	
Datum line Wingnose BE	78.4" forward of inboard intersection of straight and
Lever points IAW Maintenace manual	Two screws left side fuselage below window.
Empty weight GL=	1263,05 lbs
Empty weight Level XG=	83,38 Inch from BE





	Added weight		Max take off weight	
Normal Catagory (N)	1136,95	lbs	2400	lbs
	936,95	lbs	2200	lbs
Utility Catagory	711,95	lbs	1975	lbs
	386,95	lbs	1650	lbs

Certified Fwd C of G & Rwd C of G

	Distance to						At take off	
Normal Cat. (N)	Xv=	92,1	Xh=	94,5	Inch		2400	lbs
	Xv=	89,2	Xh=	95,9	Inch		2200	lbs
Utility	Xv=	85,9	Xh=	95,9	Inch		1975	lbs
	Xv=	84	Xh=	95,9	Inch		1650	lbs

B. Weight scedule of empty weight

			Netto weight in lbs		Arm in Inch	Moments mlbs
Value		LH (G1L)	482,81	X1=	109,4	52819,41
		RH (G1R)	511,47	X1=	109,4	55954,82
		Tail/Nose (G2)	460,77	X2=	35,4	16311,26
Total 1		Total Weight	1455,05			
Deduction	Fuel useable : (6 p/gal)					
	Tank1	12	72		103	7416
	Tank2	20	120		103	12360
	Tank3					
	Tank4					
	Oil useable : (7,4 p/gal)					
	Tank1					
	Tank2					
	Removed or add items from aircraft					
Total 2						
		Total Weight2	192			19776
		Total Weight1	1455,05			125085,49
		Total Weight2	192			19776
		Empty weight GL=	1263,05	lbs	XG 83,38	105309,49

Location: Hoogeveen Date: 07-04-2020 Certifying engineer: J. van Egmond 3233325 A+P IA

Notes: