

Weight & Balance Work Sheet C-172 (Blue Bird)

oil	7.5	lbs/gal				
fuel	6	lbs/gal				
Weight x Arm = Moment						
		Amount	Weight	X Arm	= Moment	
Empty Weight			1424.0	38.3	54539.2	Includes unusable fuel
Pilot			0.0	36.0	0.0	
Co-Pilot			0.0	36.0	0.0	
rear pass #1			0.0	70.0	0.0	
rear pass #2			0.0	70.0	0.0	
Baggage			0.0	95.0	0.0	
Fuel-usable (max 37 gal)	37	gal	222.0	48.0	10656.0	
oil (replacable)	7.0	qts	13.1	-20.0	-262.5	Replaceable oil
Fuel (Start/Taxie/Runup)	2	gal	12.0	48.0	576.0	(subtract)
Take off Weight			1647.1	39.1	64356.7	
					64.4	divided/1000
Fuel Burn (1 hr)	8	gal	48.0	48.0	2304.0	(subtract)
Landing Weight			1599.1	38.8	62052.7	
					62.1	divided/1000

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