

VFR Flight planning

Weather and Air-Traffic-Control Briefing:	W & B	Mass	Moment	Takeoff/Landing Distance	Takeoff		Landing	
	empty weight				Ground roll	T/O distance	Lnd ground roll	Lnd dist
	Fuel (non useable)				from AIP:			
	Oil			TORA / LDA				
	OEW (operating empty wgt.)			TODA (to clear 15m obs)			 	
	Seats	row 1			from POH:			
		row 2		basic run				
		row 3		Pressure Alt surcharge: +10% per 1000ft<1000ft +13% 1000-3000ft +18% >3000ft 1				
	Cargo	front		temperatur surcharge: add 1% per 1° (of deviation from standart temp. according to pressure alt) to 1 2				
		mid		Slope surcharge: add 10% per 1% slope to 2 3				
		back		rigid, dry, plain, short trim grass surcharge: add +20% to 3 4				
	Fuel (useable)			wet grass: add +10% to 4 5				
	Takeoff weight			wet ground: add +50% to 5 6				
	CHECK IF WITHIN LIMITS ACC. TO POH	MTOW:	CG min:	damaged grass surface: add +10% to 6 7				
			CG max:	high grass (max 8cm): add +20% to 7 8				
				great puddles, wet snow (max 1cm): add +30% to 8 9				
				or normal wet snow (max 5cm): add +50% to 8 9				
				or dry snow (powder) (max 8cm): add +25% to 8 9				
				needed run: =9				
					Fuel calculation	Cruise	:	
						Startup & Taxi	 	
						Climb	:	
						Dep. & Appr (min 10min)	:	
						Alternate	:	
						Reserve (min 30min)	:	
						min. Fuel	 	
						extra Fuel	:	
						Fuel (max)	:	
						Safe flight time (max minus 30min)	:	