

BEST POWER

Power %	55	65	75
FF Gal/h	7,9	9,1	10,2
FF Liter/h	29,9	34,4	38,6
FF Kg/h	21,5	24,8	27,8

TRUE AIRSPEED Best Power

PA	ISA	True Airspeed KTS		
		55%	65%	75%
10	13			
20	11	102	111	116
30	9			
40	7	103	112	118
50	5			
60	3	105	114	121
70	1			
80	-1	107	116	123
90	-3			
100	-5	108	118	

ISA + 10 gives +1 KTS
ISA - 10 gives -1 KTS

FUEL ADD

	Holding	Taxi
Power %	55	
Min	45	
Gal	5,9	1,1
Liter	22,4	4,2
Kg	16,1	3,0

Route Reserve 10 %

FUEL

	Total	Usable
Gal	56	53
Liter	212	200
Kg	152	144

OIL

	Max	Min
US quarts	8	5

POWER SETTING

	Full Power
Climb	Chart
Cruise	Chart
Holding	2200
Descend	1900
ILS Appr	1900
NDB Appr	1700

WEIGHTS

Basic Empty Weight	Kg	800,4
Arm Aft Datum (empty w)	m	1,062
MTOW	Kg	1155
MLW	Kg	1155
Max baggage	Kg	54
Tillsatsvikt	Kg	354,6

SPEED

		Knots	IAS
X-W	Max Demo Crosswind		15
Vs	Stall Speed Flaps 30		40
Vs	Stall Clean		48
Vx	Best Angel of Climb Speed		62
Vy	Best Rate of Climb Speed		74
	En Route Climb Speed		70-85
Vg	Power Off Glide Speed		68
Vfe	Max Flaps Speed	10°	110
		10-30°	85
Va	Design Maneuvering Speed	1155 kg	105
		998 kg	98
		863 kg	90
Vno	Max Structural Cruising Speed		129
Vne	Red Line Never Exceed Speed		163
	Initial Approach Speed		65-75
	Final Approach Speed 30°		60-70

FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND					
	Speed	Flaps	Roll	50 ft	TSFS
	KIAS	degee	m	m	2011:114
Take off	Vr 55				
Normal	70-80	0-10°			
Short Field	56	10°	291	498	623
Landing					
Normal	60-70	30°			
Short Field	61	30°	175	407	582

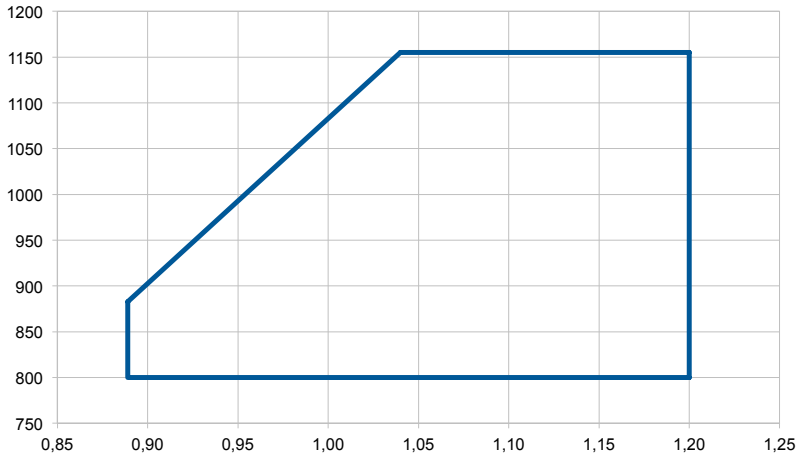
FLIGHT PLAN

TYPE	C172
WAKE TURBULENCE CAT	L
EQUIPMENT	SGRY/S
18. RMK	NAV/SBAS PBN/B2S1
EMERGENCY RADIO	ELT

ÅGARE

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Item	Weight Kg	Arm m	Moment
Basic Empty Weight	800,4	1,06	850
Pilot and Front Passenger		0,94	
Passenger Rear Seat		1,85	
Fuel: Full 200 L = 144 Kg. "Std"= 132 L = 95 Kg		1,17	
Baggage Area A Max 54 Kg (A+B max 54 Kg)		2,41	
Baggage Area B Max 22 Kg (A+B max 54 Kg)		3,12	
Total Loaded Airplane MAX 1155 Kg			



W/V	Alt FL	TAS	TT	wca	TH	var	MH	BRYTPUNKT	DISTANS		GS	TID		BRÄNSLE	
								S	INT	ACC		INT	ACC	INT	ACC
								1							
								2							
								3							
								4							
								5							
								6							
								7							
								8							
								9							
								10							
Väder och NOTAM								Block In	Landing		Sträcka	Sträcka			
								Block Ut	Start			Reserv			
Datum								Blocktid	Flygtid		Summa	Summa			
											Altern	Altern			
Befälhavare								Blocktid	Flygtid		Extra	Extra			
											Total	Total			