

BEST POWER

Power	55%	65%	75%
FF Gal/h	7,8	8,8	10,0
FF Liter/h	29,5	33,3	37,9
FF Kg/h	21,2	24,0	27,2
Range Fulltankad	06:00	05:19	04:41
Range Standard	04:13	03:44	03:17

WEIGHTS

Basic Empty Weight	Kg	682,4
Arm Aft Datum(empty w)	cm	213
MTOW	Kg	1055
MLW	Kg	1055
Max baggage	Kg	23
Tillsatsvikt	Kg	377

TRUE AIRSPEED Best Power

PA	ISA	True Airspeed KTS		
		55%	65%	75%
10	13	91	99	107
20	11	92	100	109
30	9	93	101	110
40	7	94	102	112
50	5	95	103	113
60	3	95	104	115
70	1	96	105	116
80	-1	97	106	117
90	-3	98	107	119
100	-5	99	108	118

ISA + 10 gives +1 KTS

ISA - 10 gives -1 KTS

SPEED

SPEED		KIAS	
X-W	Max Demo Crosswind	KTS	17
Vs	Stall Speed Flaps 40		44
Vs	Stall Clean		50
Vx	Best Angel of Climb Speed		63
Vy	Best Rate of Climb Speed		79
	En Route Climb Speed		87
Vg	Power Off Glide Speed		73
Vfe	Max Flaps Speed		103
Va	Design Maneuvering Speed	1055 Kg	111
		695 Kg	88
Vno	Max Structural Crusing Speed		126
Vne	Red Line Never Exceed Speed		160
	Initial Approach Speed		70
	Final Approach Speed 40		63

POWER SETTING

Climb	Full Power
Cruise	Chart
Holding	2300
Descend	1900
ILS Appr	1900
NDB Appr	1700

FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND					
	Speed KIAS	Flaps	Roll m	50 ft m	TSFS 2011:114
Take off					
Normal	50	0	300	533	
Short Field	50	25	300	457	
Landing					
Normal	63	40	180	338	483

OIL

	Max	Min
US quarts	8	2

FLIGHT PLAN

TYPE	P28A
WAKE TURBULENCE CAT	L
EQUIPMENT	SD/C
EMERGENCY RADIO	ELT

FUEL

	Total	Usable Fuel	
		Full	Standard
Gal	50	48	34
Liter	189	182	128
Kg	136	129	91

CLIMB ADD TIME AND FUEL

Climb add 1 min/1000 feet
Climb add 1 kg/1000 feet

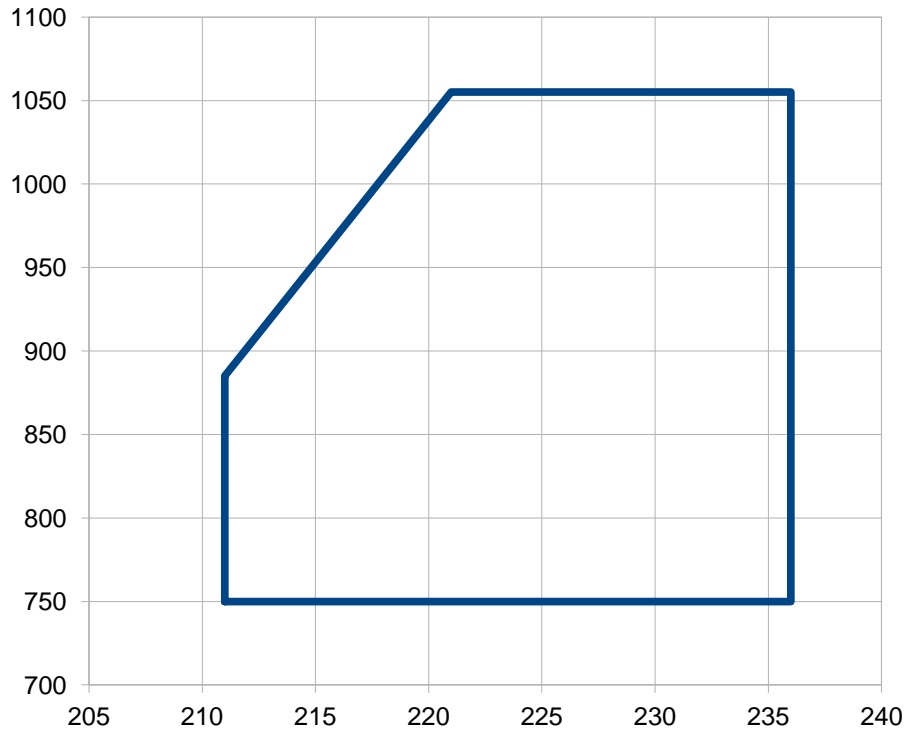
FUEL ADD

	Holding	Taxi
Power %	55%	
Min	45	
FF Gal	5,9	1,1
FF Liter	22,1	4,2
FF Kg	15,9	3,0
Route Reserve 10 %		

ÄGARE

Västerås Flygklubb
Flygplatsen Johannisberg
725 91 Västerås
Telefon 020-13 56 12

Item	Weight Kg	Arm cm	Moment
Basic Empty Weight	682,4	213	145 463
Pilot and Front Passenger		205	
Passenger Rear Seat		300	
Fuel: Full 182 L=129 Kg, Standard 128 L=91 Kg		241	
Baggage Max 23 Kg		363	
Total Loaded Airplane MAX 1055 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		Landning		Sträcka		Sträcka	
								Block Ut		Start		Reserv		Reserv	
												Summa		Summa	
												Altern		Altern	
Datum			Befälhavare					Blocktid		Flygtid		Extra		Extra	
												Total		Total	