

BEST POWER

Power %	55	65	75
FF Gal/h	7,8	9,0	10,5
FF Liter/h	29,5	34,1	39,7
FF Kg/h	21,2	24,5	28,6

WEIGHTS

Basic Empty Weight	Kg	730
Arm Aft Datum(empty w)	m	2,208
MTOW	Kg	1155
MLW	Kg	1155
Max baggage	Kg	91
Tillsatsvikt	Kg	425

TRUE AIRSPEED Best Power

PA	ISA	True Airspeed KTS		
		55%	65%	75%
10	13	96	108	117
20	11	97	110	119
30	9	98	112	121
40	7	100	113	122
50	5	101	114	124
60	3	102	116	126
70	1	104	117	127
80	-1	105	119	128
90	-3	106	121	127
100	-5	107	122	126

ISA + 10 gives +1 KTS

ISA - 10 gives -1 KTS

Saknas hjulkåpor minskar farten med 7 knop

SPEED

		KIAS	
X-W	Max Demo Crosswind	KTS	17
Vs	Stall Speed Flaps 40		47
Vs	Stall Clean		53
Vx	Best Angle of Climb Speed		64
Vy	Best Rate of Climb Speed		76
	En Route Climb Speed		87
Vg	Power Off Glide Speed		76
Vfe	Max Flaps Speed		102
Va	Design Maneuvering Speed	1155 Kg 741 Kg	113 89
Vno	Max Structural Cruising Speed		125
Vne	Red Line Never Exceed Speed		154
	Initial Approach Speed		74
	Final Approach Speed 40		66

FUEL ADD

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

FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND				
	Speed KIAS	Flaps	Roll m	50 ft m
Take off				
Normal	53	0	305	547
Short Field	49	25	247	494
Landing				
Normal	66	40	277	427

FUEL	Total	Usable Fuel	
		Full	Standard
Gal	50	48	34
Liter	189	182	129
Kg	136	131	93

FLIGHT PLAN

TYPE	P28A		
WAKE TURBULENCE CAT	L		
EQUIPMENT	SDGRY/S	PBN/B2D2O2S1	
EMERGENCY RADIO	ELT		

OIL

	Max	Min
US quarts	8	2

POWER SETTING

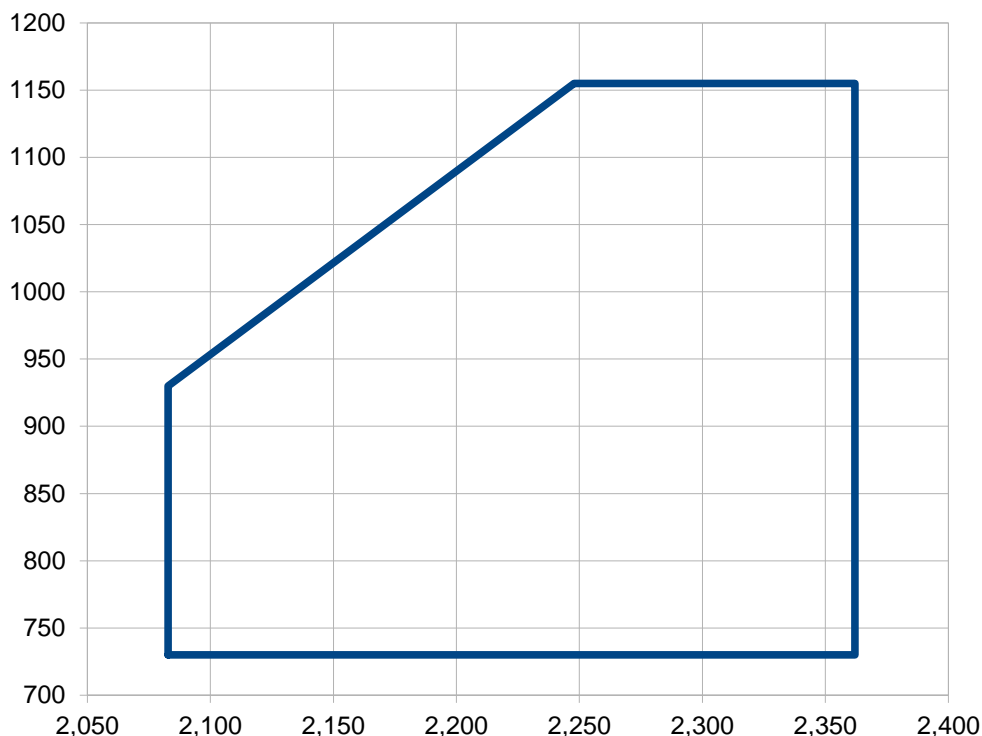
Climb	Full Power
Cruise	Chart
Holding	2300
Descend	1900
ILS Appr	1900
NDB Appr	1700

ÄGARE

Bertil Ström 073-920 35 09
Banjovägen 20, 725 94 Västerås
Mårten Bladh 070-512 59 39
Granbovägen 13, 722 31 Västerås

Item	Weight Kg	Arm m	Moment
Basic Empty Weight	730	2,208	1 612
Pilot and Front Passenger		2,045	
Passenger Rear Seat		3,000	
Fuel: Full 182 L=131 Kg, Standard 129 L=93 Kg		2,413	
Baggage Max 91 Kg		3,627	
Total Loaded Airplane MAX 1155 Kg			

2,083	730
2,083	930
2,248	1155
2,362	1155
2,362	730
2,083	730



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			
Datum								Blocktid		Flygtid		Summa	Summa		
												Extra	Extra		
Befälhavare								Blocktid		Flygtid		Total	Total		
												Extra	Extra		