

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

WEIGHTS

Basic Empty Weight	Kg	688
Arm Aft Datum(empty w)	m	2,183
MTOW	Kg	1055
MLW	Kg	1055
Max baggage	Kg	91
Tillsatsvikt	Kg	362

TRUE AIRSPEED Best Power

PA	ISA	True Airspeed KTS		
		55%	65%	75%
10	13	96	106	115
20	11	97	107	116
30	9	98	108	117
40	7	99	109	118
50	5	100	110	120
60	3	101	111	122
70	1	102	112	124
80	-1	103	113	125
90	-3	104	114	127
100	-5	105	115	125

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		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	1055 Kg	111
	Speed	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

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	50	0	305	533
Short Field	50	25	305	457
Landing				
Normal	63	40	180	338

FUEL

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

OIL

	Max	Min
US quarts	8	2

FLIGHT PLAN

TYPE	P28A
WAKE TURBULENCE CAT	L
EQUIPMENT	SDGRY/C
EMERGENCY RADIO	PBN/B2S1
	ELT

POWER SETTING

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

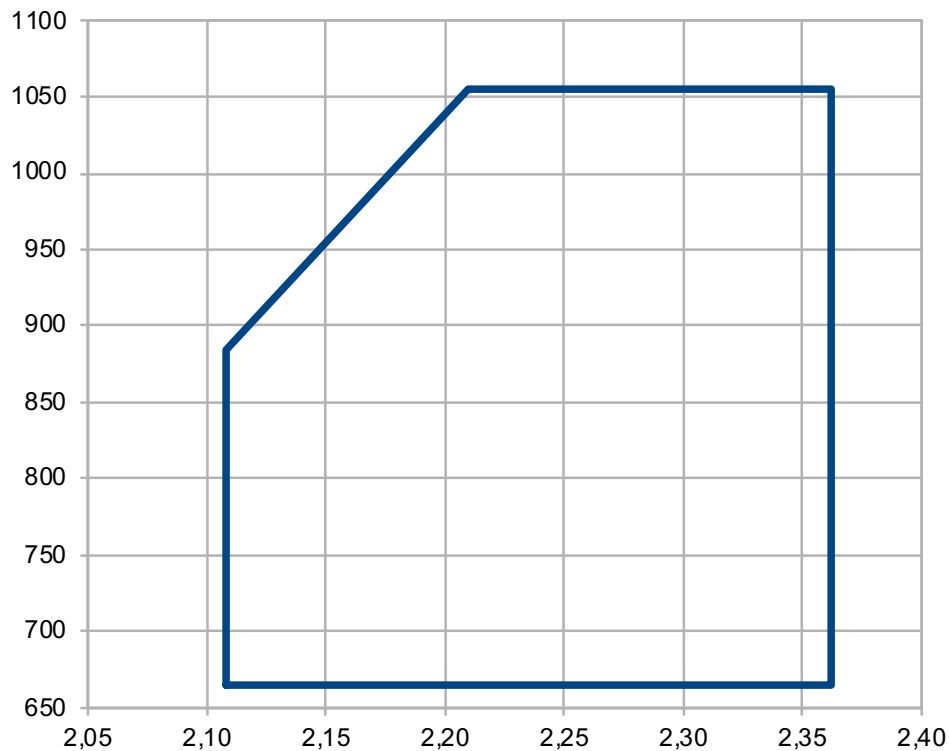
ÄGARE

Erikssons Automekanik
Alf Eriksson
Gryta Eningböle 18, 749 63 Örsundsbro
Telefon 070-541 97 18

Bo Johnsson 1991-04-05

Rev 2017-02-21

Item	Weight Kg	Arm m	Moment
Basic Empty Weight	688	2,183	1 502
Pilot and Front Passenger		2,045	
Passenger Rear Seat		3,000	
Fuel: Full 182 L=129 Kg, Standard 128 L=91 Kg		2,413	
Baggage Max 91 Kg		3,627	
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
													Reserv		Reserv
									Block Ut		Start		Summa		Summa
													Altern		Altern
Datum									Blocktid		Flygtid		Extra		Extra
													Total		Total
Befälhavare															