

BEST POWER

Power	55%	65%	75%
FF Gal/h	14	16	18
FF Liter/h	53	61	68
FF Kg/h	38	44	49
Range at FL80	6:40	5:45	5:00
Usable fuel - Taxi - Climb			

WEIGHTS

Basic Empty Weight	Kg	1018,4
Arm Aft Datum(empty)	m	2,165
MTOW and MLW	Kg	1633
Baggage forward	Kg	45
Baggage aft	Kg	45
Tillsatsvikt	Kg	614
Tillsatsvikt med fulla tankar	Kg	361

TRUE AIRSPEED Best Power

PA	ISA	True Airspeed KTS		
		55%	65%	75%
10	13	122	136	147
20	11	124	138	148
30	9	125	139	150
40	7	126	141	152
50	5	127	142	154
60	3	128	144	156
70	1	130	145	158
80	-1	132	147	
90	-3	134	148	
100	-5	135	149	
110	-7	137	150	
120	-9	138		

SPEED

		KIAS KTS
X-W	Max demo crosswind	17
Vs	Stall speed (40 flaps, power off)	52
Vs	Stall speed (gear and flaps up)	53
Vx	Best angle of climb speed	87
Vy	Best rate of climb speed	92
Vg	Best glide speed	92
Vlo	Max gear up speed	106
Vle	Max gear down speed	129
Vfe	Max flaps speed	109
Va	Design maneuvering speed	132
Vno	Max structural crusing speed	150
Vne	RED LINE	191
	Never exceed speed	
	Final approach speed	95

CLIMB ADD - TIME AND FUEL

Climb add 1 min / 2000 feet
Climb add 3 liter / 2000 feet

FUEL ADD

	Holding	Taxi
Power %	55	
Min	45	
FF Gal	11	3
FF Liter	40	11
FF Kg	29	8
Route Reserve 10 %		

FUEL

	Total	Usable
Gal	98	94
Liter	371	356
Kg	263	253

OIL

	Max	Min
US quarts	12	3

POWER SETTING

Climb	25" / 2500
Cruise	Chart / 2300
Descend 55%	21" / 2300
Holding 45%	18" / 2300
ILS/NDB Appr	16" / 2300

FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND				
	Speed KIAS	Flaps degree	Ground roll m	Over 50 ft m
Take off				
- Normal	70	0	487	883
- Short Field	64	25	426	701
Landing				
- Normal	75	40	274	524

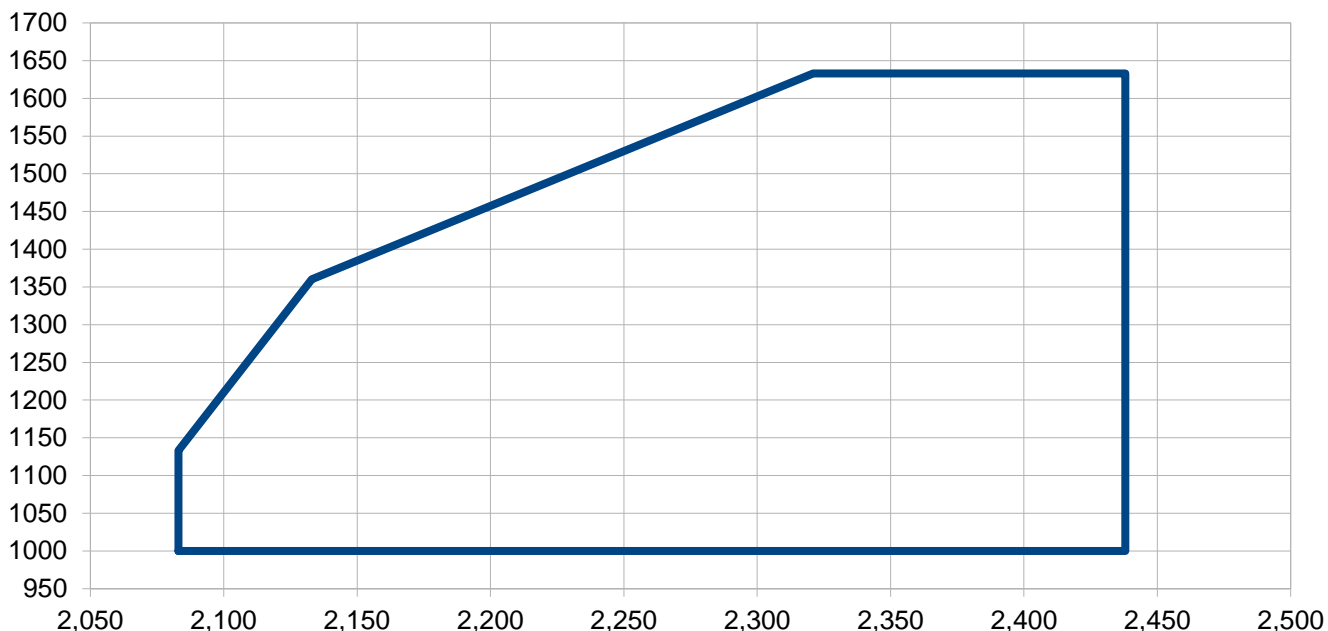
FLIGHT PLAN

TYPE	P32T		
WAKE TURBULENCE CAT	L		
EQUIPMENT	SDGRY/C	PBN/B2D2S1	
EMERGENCY RADIO	ELT		

ÄGARE

Ensio Invest AB
Box 4146
181 04 Lidingö
Abbe Bellil 076-9099620

Item	Weight Kg	Arm m	Moment
Basic Empty Weight	1018,4	2,165	2 204,8
Pilot and Front Passenger		2,172	
Passenger Center Seats		3,000	
Passenger Rear Seat		4,003	
Fuel: Full 356 L = 253 Kg		2,377	
Baggage Forward Max 45 Kg		1,067	
Baggage Aft Max 45 Kg		4,539	
Total Loaded Airplane MAX 1633 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	