

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	976
Arm Aft Datum(empty)	m	2,040
MTOW and MLW	Kg	1633
Baggage forward	Kg	45
Baggage aft	Kg	45
Tillsatsvikt	Kg	657
Tillsatsvikt med fulla tankar	Kg	404

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

MPH

X-W	Max demo crosswind	17 KT
Vs	Stall speed (40 flaps, power off)	56
Vs	Stall speed (gear and flaps up)	64
Vx	Best angle of climb speed	100
Vy	Best rate of climb speed	106
Vg	Best glide speed	106
Vlo	Max gear up speed	125
Vle	Max gear down speed	150
Vfe	Max flaps speed	125
Va	Design maneuvering speed	125
Vno	Max structural crusing speed	172
Vne	RED LINE Never exceed speed	217
	Initial approach speed	100-110
	Final approach speed over threshold	86

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
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FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND

	Speed KIAS MPH	Flaps degree	Ground roll m	Over 50 ft m
Take off				
- Normal	73	0	420	725
- Short Field	61	25	290	527
Landing				
- Normal	86	40	274	524

FLIGHT PLAN

TYPE		P32R
WAKE TURBULENCE CAT		L
EQUIPMENT	SBDGRY/S	PBN/B2C2D2O2S1
EMERGENCY RADIO		ELBA

POWER SETTING

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

ÄGARE

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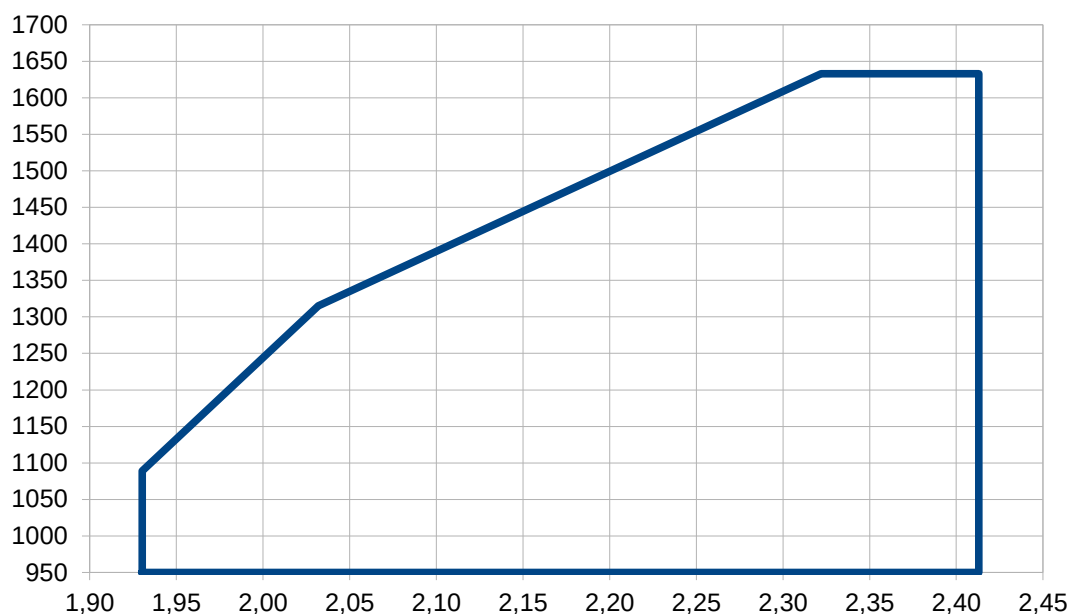
Bo Johnsson 1995-11-26

Rev 2025-05-01

Item	Weight Kg	Arm m	Moment
Basic Empty Weight	975,6	2,040	1 990,2
Pilot and Front Passenger		2,172	
Passenger Center Seats		3,000	
Passenger Rear Seat		3,955	
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			

Envelop

Arm m	Weight
1,93	950
1,93	1089
2,03	1315
2,32	1633
2,41	1633
2,41	950
1,93	950



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			Befälhavare						Blocktid		Flygtid		Extra		Extra	
													Total		Total	