

POWER

Power	45%	60%	75%
FF Gal/h	4,0	5,1	6,6
FF Liter/h	15	19	25
FF Kg/h	12	15	20

CRUISE PERFORMANCE Recommend 75%

PA	ISA	KTAS		
		45%	60%	75%
20	11	96	113	125
40	7	97	114	127
60	3	98	116	129
80	-1	99	118	131
100	-5	100	120	134
120	-9	100	122	136
140	-13	101	124	138

WEIGHTS

Basic Empty Weight	Kg	930
Arm Aft Datum (empty)	m	2,467
MTOW	Kg	1280
Baggage	Kg	45
Tillsatsvikt	Kg	350
Tillsatsvikt med fulla tankar 39 Gal	Kg	232

SPEED MTOW KIAS

X-W	Max demo crosswind kts	25
Vs	Stall speed Flaps UP 1200 Kg	64
Vs	Stall speed Flaps LDG 1200 Kg	59
Vr	Airspeed for rotation	67
Vx	Best angle of climb speed	72
Vy	Best rate of climb speed	72
	Cruise climb	88
Vg	Best glide angle Flaps UP	88
Vfe	Max flaps extended speed LDG	98
Vfe	Max flaps extended speed T/O	110
Vo	Maneuvering speed	113
Vno	Max structural cruising speed	130
Vne	RED LINE Never exceed speed	172
	Approach speed Flaps LDG	77

FUEL ADD

	Holding	Taxi
Power	45%	
Min	00:45	
Gal	3	1
Liter	11	4
FF Kg	9	3

FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND				
	Speed KIAS	Flaps	Ground roll meter	Available Runway Distans over 50 ft least meter
Take off - Normal	VR 67 72	T/O	395	585
Landing - Normal	77	LDG	312	640
- Flaps UP	78	UP	365	805

FUEL

	Total	Usable fuel	
		Full	Standard
Gal	41	39	28
Liter	155	148	106
Kg	124	118	85

FLIGHT PLAN

TYPE	DA40		
WAKE TURBULENCE CAT	L		
EQUIPMENT	SBDGRY/S	PBN / B2C2D2O2S1	
EMERGENCY RADIO	ELT		

OIL

	Max	Min
Liter	7	5

POWER SETTING

Take-Off Power Max 5 min	100%
Climb	92%
Cruise	75%
Descend	
Holding	45%
ILS/NDB Appr	

ÄGARE

Göte Johansson Flyg AB Scottisvägen 17 A 142 65 Trångsund 070-461 66 75 gote.ivar.johansson@gmail.com
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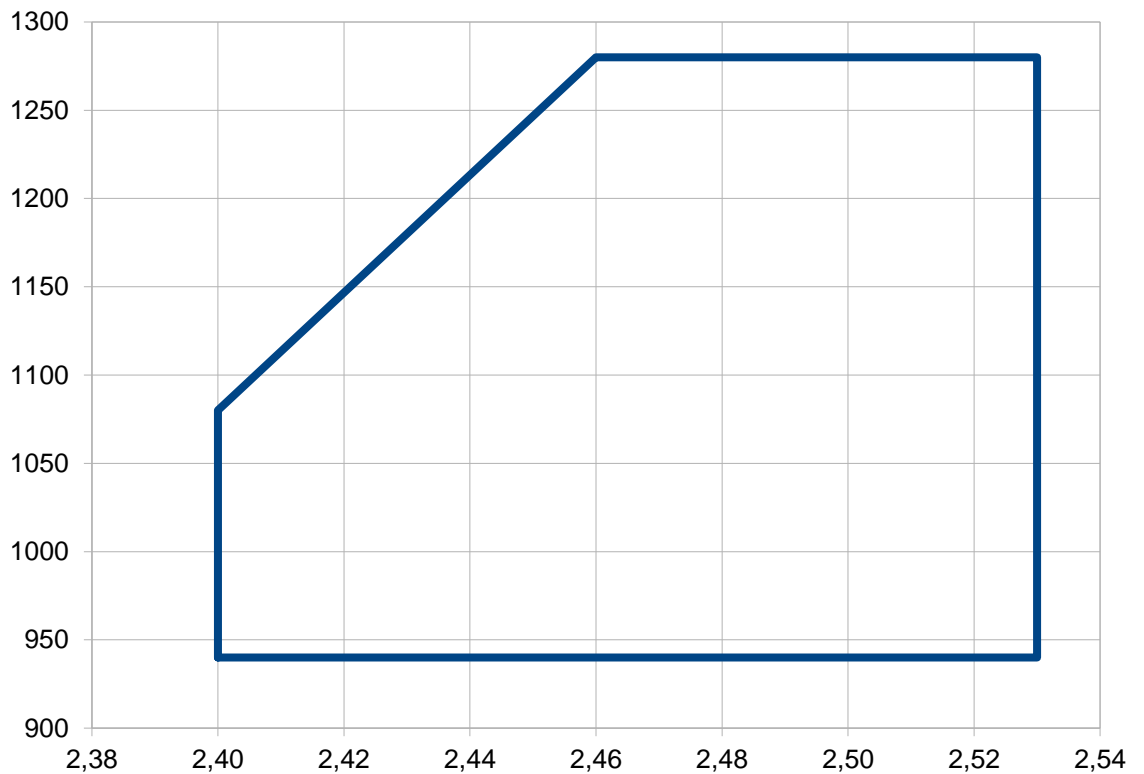
WEIGHT AND BALANCE

SE-MIO

Item	Weight Kg	Arm m	Moment
Basic Empty Weight	930	2,47	2 294
Pilot and Front Passenger		2,30	
Passenger Rear Seat		3,25	
Fuel: Full 148 L=118 Kg, Standard 106 L=85 Kg		2,63	
Baggage Cockpit Max 45 Kg		3,89	
Baggage Extension Max 18 Kg		4,54	
Total Loaded Airplane MAX 1280 Kg			

Envelop

Arm M	Weight
2,40	940
2,40	1080
2,46	1280
2,53	1280
2,53	940
2,40	940



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	