

## POWER

	60%	70%	80%
Power			
FF Gal/h	4,0	4,8	5,7
FF Liter/h	15	18	22
FF Kg/h	12	15	17

## CRUISE PERFORMANCE Recommend 70%

PA	ISA	KTAS		
		60%	70%	80%
10	13	106	116	122
20	11	107	117	123
30	9	108	118	124
40	7	109	119	126
50	5	110	120	127
60	3	111	121	128
70	1	112	122	129
80	-1	112	123	130
90	-3	113	124	131
100	-5	114	125	132
110	-7	115	126	132
120	-9	116	127	132

## FUEL ADD

	Holding	Taxi
Power	50%	
Min	00:45	
Gal	3	1
Liter	11	4
FF Kg	9	3

## FUEL

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

## OIL

	Max	Min
Liter	6	4,5

## POWER SETTING

Climb	100%
Cruise	70%
Descend	50%
Holding	50%
ILS/NDB Appr	40%

## WEIGHTS

Basic Empty Weight	Kg	840
Arm Aft Datum (empty)	m	2,453
MTOW	Kg	1150
Baggage	Kg	30
Tillsatsvikt	Kg	310
Tillsatsvikt med fulla tankar 39 Gal	Kg	192

## SPEED MTOW KIAS

X-W	Max demo crosswind kts	20
Vs	Stall speed Flaps UP	52
Vs	Stall speed Flaps LDG	49
Vr	Airspeed for rotation	59
Vx	Best angle of climb speed	66
Vy	Best rate of climb speed	66
	Cruise climb	73
Vg	Best glide angle	73
Vfe	Max flaps extended speed LDG	91
Vfe	Max flaps extended speed T/O	108
Va	Maneuvering speed	108
Vno	Max structural crusing speed	129
Vne	<b>RED LINE</b> Never exceed speed	178
	Approach speed Flaps LDG	67

## FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND				
	Speed KIAS	Flaps	Ground roll meter	Available Runway Distans over 50 ft least meter
<b>Take off</b>	VR 59			
- Normal	66	T/O	340	640
<b>Landing</b>				
- Normal	67	LDG	287	744
- Flaps UP	67	UP	304	916

## FLIGHT PLAN

TYPE	DA40
WAKE TURBULENCE CAT	L
EQUIPMENT	SDGRY/S PBN/B2D2O2S1
EMERGENCY RADIO	ELT

## ÄGARE

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114 42 Stockholm
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<a href="mailto:alan@flygupplevelse.com">alan@flygupplevelse.com</a>

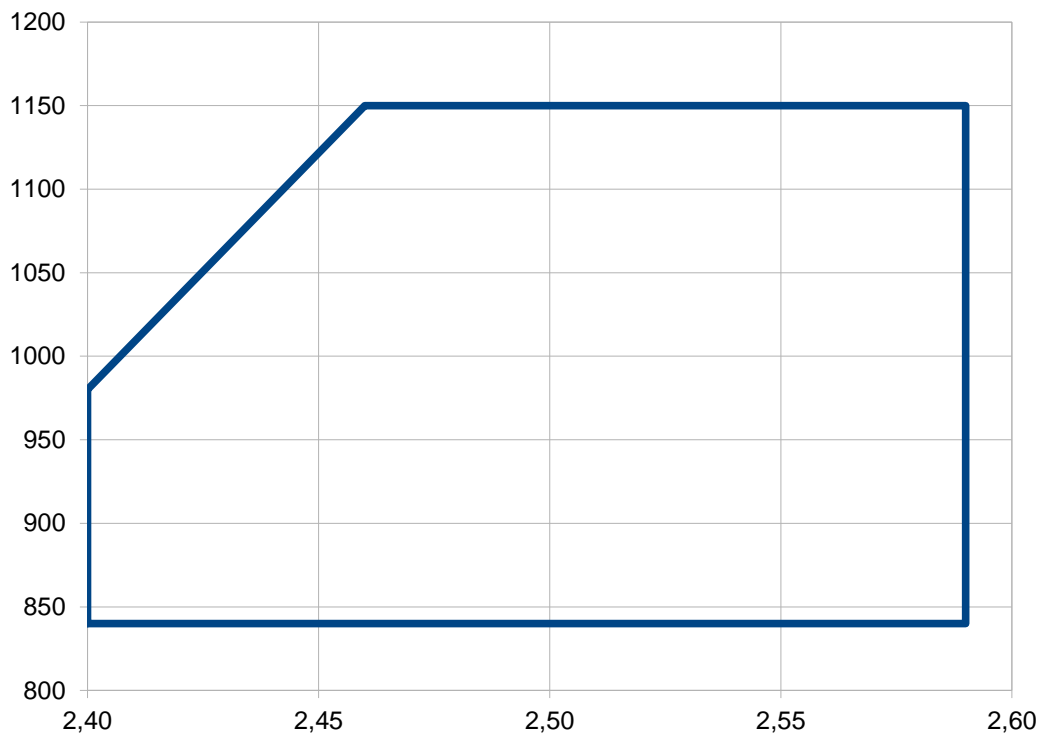
# WEIGHT AND BALANCE

SE-MBC

Item	Weight Kg	Arm M	Moment
Basic Empty Weight	840	2,45	2 058
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 Max 30 Kg		3,65	
Total Loaded Airplane MAX 1150 Kg			

## Envelope

Arm m	Weight
2,40	840
2,40	980
2,46	1150
2,59	1150
2,59	840
2,40	840



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			