

## POWER

Power	55%	65%	75%
FF Gal/h	6.5	7.2	8.4
FF liter/h	24.6	27.3	31.8
FF kg/h	17.5	19.4	22.6

## TRUE AIRSPEED Best Power

PA	ISA	True Airspeed kts		
		55%	65%	75%
2500	10	99	106	114
5000	5	100	108	117
7500	0	101	110	119
10000	-5	102	112	-
12500	-10	105	114	-

## Located at ESSB

Handling	IFLY 131.665 MHz
	08-25 02 20

## FUEL ADD

## Holding Taxi

Power %	55	
Min	45	
FF Gal	4.9	1.1
FF liters	18.5	4.2
FF kg	13.1	3

## FUEL

## Usable fuel

Gal	48
liters	182
kg	129

## OIL

## Max Min

US quarts	8	6
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## POWER SETTING

Climb	Full power
Cruise	Chart
Holding	2300 RPM
Decent	1900 RPM
3D Approach	1900 RPM
2D Approach	1700 RPM

## WEIGHTS

Basic Empty Weight	kg	674.6
Arm Aft Datum (empty)	cm	98.6
MTOW	kg	1045
Max Baggage	kg	54
Tillsattsvikt	kg	370
Tillsattsvikt vid fulla tankar	kg	241

## SPEED

kts

X-W	Max Demo Crosswind	15
Vs	Stall speed Flaps 40°	43
Vs	Stall speed Clean	50
Vx	Best Angle of Climb Speed	68
Vy	Best Rate of Climb Speed	71
	En Route Climb Speed	80
Vg	Power Off Glide Speed	70
Vfe	Max Flaps Speed	86
Va	Design Maneuvering speed	97
Vno	Max Structural Cruise	126
Vne	<b>Red Line</b> Never Exceed Speed	158
	Initial Approach Speed	70
	Final Approach Speed 40° Flaps	61

## FIELD REQUIREMENTS

MTOW - IAS - HARD RW - NO WIND				
	Speed IAS kts	Flaps	Roll m	50 ft m
Take off	59	0°	285	500
Landing	61	40°	170	410

## FLIGHT PLAN

TYPE	C172
WAKE TURBULENCE CAT	L
EQUIPMENT	SDY/C
EMERGENCY RADIO	ELT

## OWNER

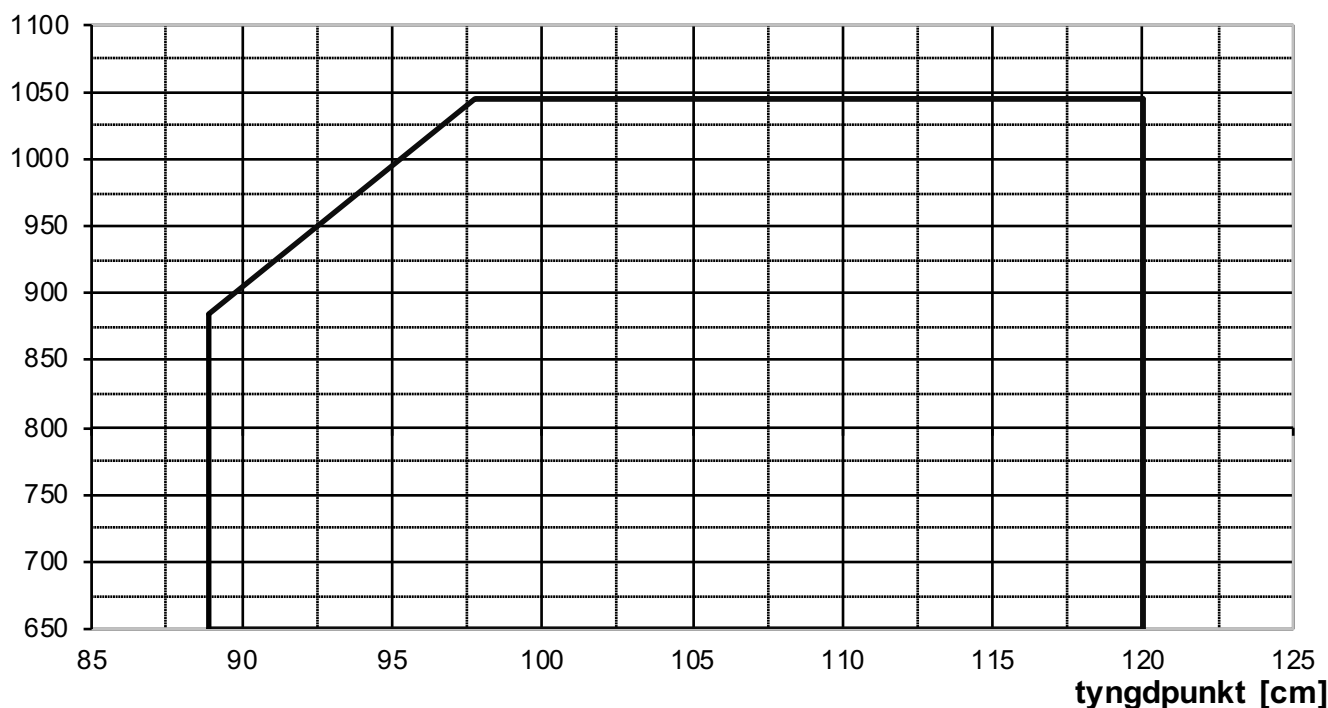
Anders Olsson Telefon 070-812 17 12
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# WEIGHT AND BALANCE

# SE-GMD

Item	Weight Kg	Arm cm	Moment kg - cm
Basic Empty Weight	674.6	98.6	66532.8
Pilot and Front Passenger		94	
Passenger Rear Seat		185	
Fuel: Full 182 l = 129 kg		117	
Baggage 1,	Max 54 kg	241	
Baggage 2,		312	
<b>Total Loaded Airplane Max 1045 kg</b>			

**vikt [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						
Datum								Block Ut		Start		Summa		Summa		
								Altern		Altern						
Befälhavare								Blocktid		Flygtid		Extra		Extra		
								Total		Total						