

**BEST POWER**

Power	55%	65%	75%
FF Gal/h	6,6	8,2	9,3
FF Liter/h	25,0	31,0	35,0
FF Kg/h	18,0	22,3	25,2

**WEIGHTS**

Basic Empty Weight	Kg	652
Arm Aft Datum(empty w)	cm	216,4
MTOW	Kg	1055
MLW	Kg	1055
Max baggage	Kg	91
Tillsatsvikt	Kg	403

**TRUE AIRSPEED Best Power**

PA	ISA	True Airspeed KTS		
		55%	65%	75%
10	13	92	101	106
20	11	92	101	108
30	9	93	102	110
40	7	93	103	111
50	5	93	103	112
60	3	94	104	113
70	1	94	106	114
80	-1	94	107	115
90	-3	95	108	
100	-5	95	108	

ISA + 10 gives +1 KTS      -2kt utan hjulkåpor  
 ISA - 10 gives -1 KTS

**SPEED**

		KIAS	MPH
X-W	Max Demo Crosswind	17	19
Vs	Stall Speed Flaps 40	52	60
Vs	Stall Clean	56	65
Vx	Best Angle of Climb Speed	66	76
Vy	Best Rate of Climb Speed	75	87
	En Route Climb Speed	87	100
Vg	Power Off Glide Speed	74	85
Vfe	Max Flaps Speed	114	125
Va	Design Maneuvering Speed 1055 kg	113	124
Vno	Max Structural Cruising Speed	127	140
<b>Vne</b>	<b>Red Line</b> Never Exceed Speed	160	176
	Initial Approach Speed	87	100
	Final Approach Speed 40	62	70

**FUEL ADD**

	Holding	Taxi
Power %	55%	
Min	45	
Gal	5,0	0,7
Liter	18,7	2,6
Kg	13,5	1,9
<b>Route Reserve 10 %</b>		

**FIELD REQUIREMENTS**

MTOW - IAS - SL - HARD RW - NO WIND				
	Speed MPH	Flaps	Roll m	50 ft m
<b>Take off</b>				
Normal	65	0	333	651
Short Field	52	25	333	530
<b>Landing</b>				
Normal	73	40	182	336

**FUEL**

FUEL	Total	Usable Fuel	
		Full	Standard
Gal	50	48	36
Liter	189	181	128
Kg	136	129	91

**FLIGHT PLAN**

TYPE	P28A
WAKE TURBULENCE CAT	L
EQUIPMENT	FY/S
EMERGENCY RADIO	ELT

**OIL**

	Max	Min
US quarts	8	2

**POWER SETTING**

Climb	Full Power	
Cruise	c:a 65%	2400
Holding	c:a 55%	2300
Descend		2000
ILS Appr		2000
NDB Appr		2000

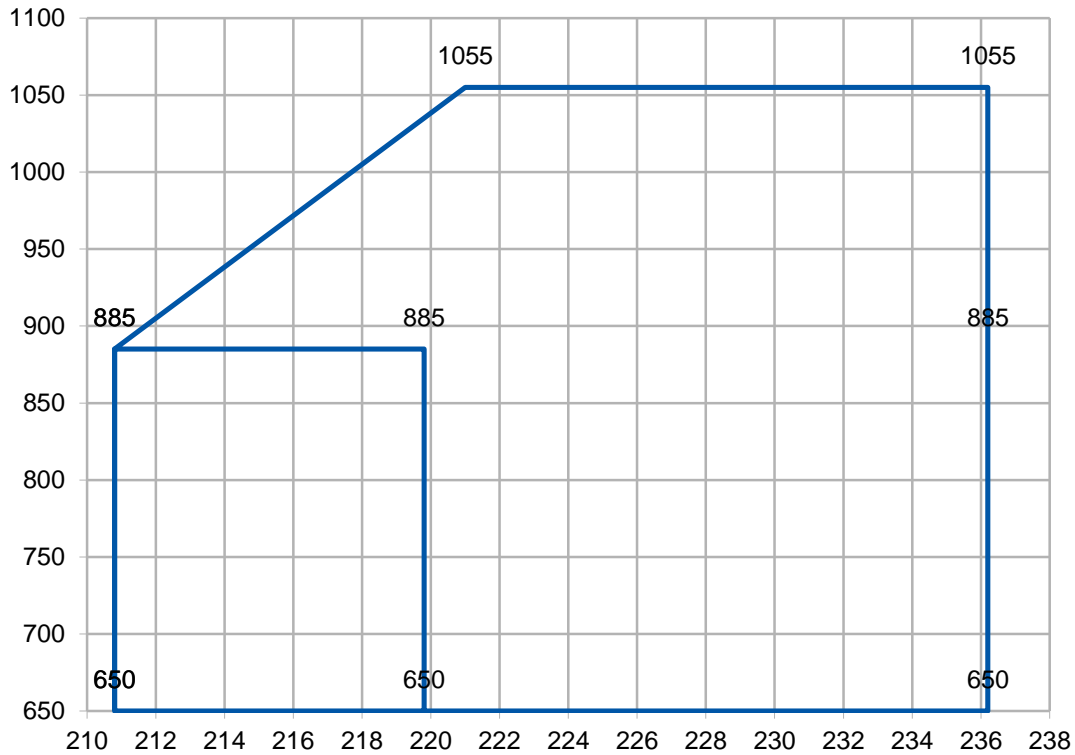
**ÄGARE**

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# WEIGHT AND BALANCE

SE-GDL

Item	Weight Kg	Arm m	Moment
Basic Empty Weight	652	2,164	1 410,9
Pilot+ Pax fram		2,040	
Pax bak		3,000	
Fuel: Full 189 L=136 Kg, Standard 128 L=91 Kg		2,410	
Baggage Max 91 Kg		3,630	
Total Loaded Airplane MAX 1055 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			
Datum								Blocktid	Flygtid	Summa	Summa				
										Altern	Altern				
Befälhavare								Blocktid	Flygtid	Extra	Extra				
										Total	Total				