

BEST POWER

Power	55%	65%	75%
FF Gal/h	7,7	8,8	10,2
FF Liter/h	29,0	33,0	38,0
FF Kg/h	20,9	23,7	27,3

WEIGHTS

Basic Empty Weight	Kg	643
Arm Aft Datum(empty w)	m	0,308
MTOW	Kg	1100
MLW	Kg	1045
Max baggage	Kg	60
Tillsatsvikt	Kg	457

TRUE AIRSPEED Best Power

PA	ISA	True Airspeed KTS		
		55%	65%	75%
10	13			
20	11			
2500	10		121	131
40	7			
4500	6		124	134
60	3			
6500	2		127	137
80	-1			
8500	-2		130	139
100	-5			

SPEED

		Km/h	KIAS
X-W	Max Demo Crosswind	40	22
Vs0	Stall Speed Flaps Full	95	51
Vs1	Stall Clean	105	57
Vx	Best Angle of Climb Speed	130/140	70/76
Vy	Best Rate of Climb Speed	150/170	81/92
	En Route Climb Speed	170	92
Vg	Power Off Glide Speed	150/145/125	81/78/67
Vfe	Max Flaps Speed	170	92
Va	Design Maneuvering Speed	215	116
Vno	Max Structural Cruising Speed	260	140
Vne	Red Line Never Exceed Speed	308	166
	Initial Approach Speed	150	80
	Final Approach Speed Full	130	70

FUEL ADD

	Holding	Taxi
Power %	55%	
Min	45	
Gal	5,8	1,1
Liter	21,9	4,2
Kg	15,7	3,0
Route Reserve 10 %		

FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND				
	Speed KIAS	Flaps	Roll m	50 ft m
Take off				
Normal	54	1		
Short Field	54	1	315	610
Landing				
Normal	68	Full		
Short Field	65	Full	250	530

FUEL

	Total	Usable Fuel	
		Full	Std
Gal	50	50	---
Liter	190	190	---
Kg	137	137	---

FLIGHT PLAN

TYPE	DR40	
WAKE TURBULENCE CAT	L	
EQUIPMENT	SDFGRY/S	PBN/A1B2
EMERGENCY RADIO	PLB	

OIL

	Max	Min
US quarts	8	4

POWER SETTING

Climb	Full Power
Cruise	c:a 65% Chart
Holding	c:a 55% 2200
Descend	1900
ILS Appr	1900
NDB Appr	1700

ÄGARE

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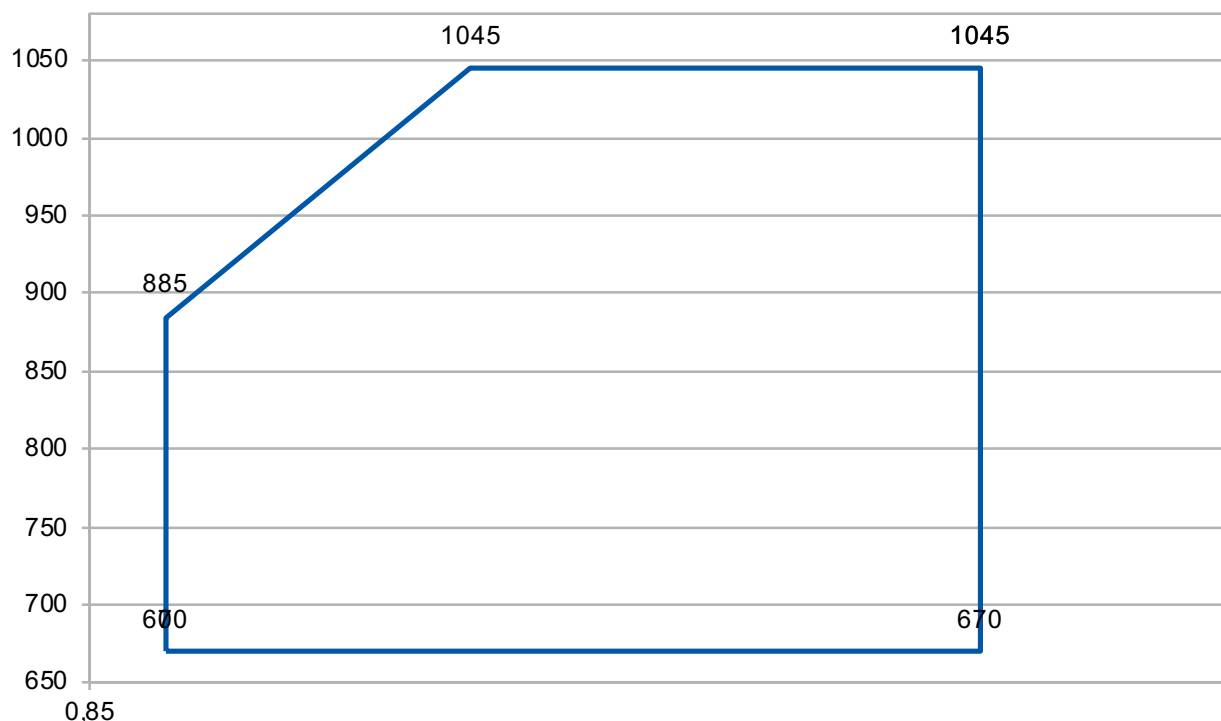
Magnus Lundström 2026-07-07

Edition 6

WEIGHT AND BALANCE

F-GBUO

Item	Weight Kg	Arm m	Moment
Basic Empty Weight	643	0,3080	198,0
Pilot		0,4100	0,0
Passenger		1,1900	0,0
Fuel Aft: Full 110 L = 79 kg		1,1200	0,0
Fuel Wings: Full 2x40 L = 58 kg		0,1000	0,0
Baggage area Max 60 Kg		1,9000	0,0
Total Loaded Airplane MAX 630Kg	643	0,3080	198,0



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		Summa		Summa	
													Altern		Altern	
Datum			Befälhavare						Blocktid		Flygtid		Extra		Extra	
													Total		Total	