

SNABBFAKTA PA 32 Cherokee Six 260 32-7 400029 SE-GDV

BEST POWER

Power	55%	65%	75%
FF Gal/h	10,4	12,2	14,0
FF Liter/h	39	46	53
FF kg/h	28	33	38
Range at FL80	6:55	5:45	4:55
Usable fulel - Taxi – Climb			

TRUE AIRSPEED Best Power

PA	ISA	True Airspeed kts		
		55%	65%	75%
10	13	106	118	128
20	11	107	120	129
30	9	108	121	129
40	7	109	122	130
50	5	109	123	131
60	3	110	123	131
70	1	110	123	132
80	-1	111	123	132
90	-3	111	124	-
100	-5	112	124	-
110	-7	113	125	-
120	-9	113	-	-

CLIMB ADD - TIME AND FUEL

Climb add 1 min / 2000 feet
Climb add 3 liter / 2000 feet

FUEL ADD Holding Taxi

Power %	55	
Min	45	
FF Gal	8	3
FF Liter	30	11
FF Kg	21	8
Route Reserve 10 %		

FUEL Total Usable

Gal	85	84
Liter	322	318
kg	228	226

OIL Max Min

US quarts	12	3
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POWER SETTING

Climb	25" / 2500
Cruise	Chart / 2300
Descend 55%	21" / 2300
Holding 45%	18" / 2300
Approach	16" / 2300

WEIGHTS

Basic Empty Weight	kg	888
Arm Aft Datum (empty)	m	1 823
MTOW and MLW	kg	1 540
Baggage forward	kg	45
Baggage aft	kg	45
Tillsatsvikt	kg	652
Tillsatsvikt med fulla tankar	kg	427
Max vikt förutom bränsle	kg	1 411

SPEED

	MPH
X-W Max demo crosswind	17 knop
Vs Stall speed (40 flaps, power off)	63
Vs Stall speed (gear and flaps up)	71
Vx Best angle of climb speed	95
Vy Best rate of climb speed	105
Vg Best glide speed	100
Vfe Max flaps speed	125
Va Design maneuvering speed	149
Vno Max structural cruising speed	168
Vne RED LINE	212
Never exceed speed	
Initial approach speed	90
Final approach speed over threshold	82

FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND				
	Speed KIAS MPH	Flaps degree	Ground roll m	Over 50 ft m
Take off				
- Normal	82	10°	430	625
- Short Field	78	25°	415	595
Landing				
- Normal	82	40°	210	330

FLIGHT PLAN

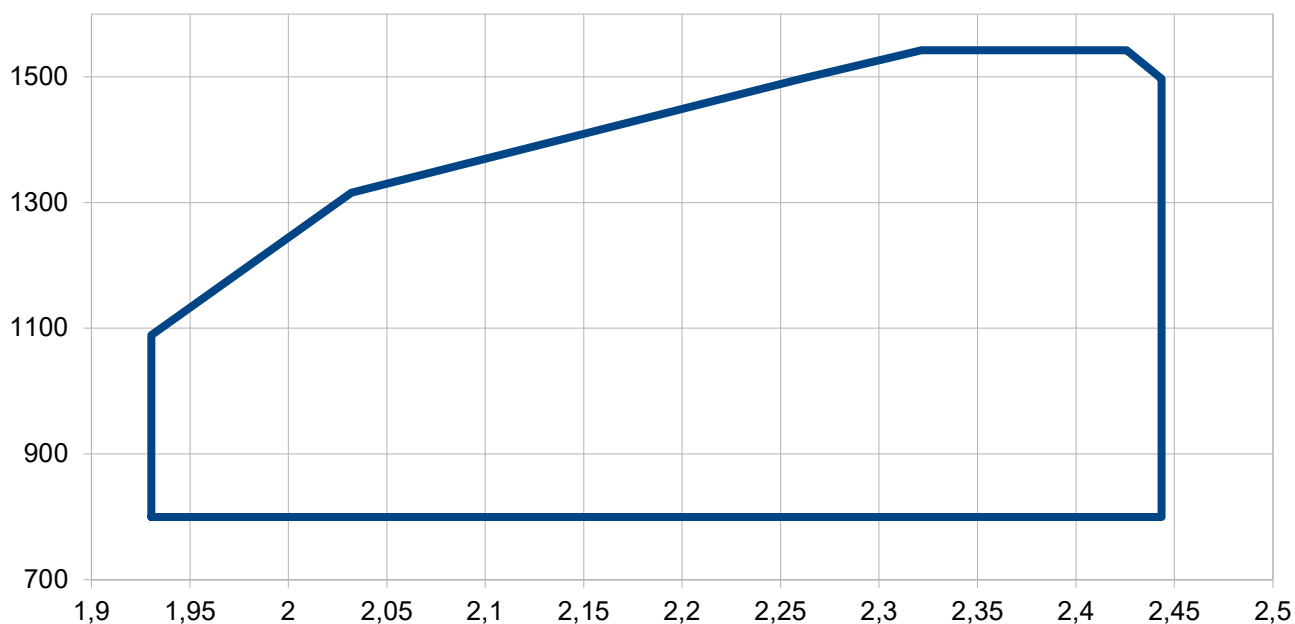
TYPE	PA32
WAKE TURBULENCE CAT	L
EQUIPMENT	SDY/S
EMERGENCY RADIO	ELBA

ÄGARE

Flygbolaget GDV HB c/o Joakim Trönnberg Bergsunds Strand 27 117 38 Stockholm +46 70 824 12 24

Olle Åkesson
2020-07-10

Item	Weight kg	Arm m	Moment
Basic Empty Weight	888,3	2,052	1 822,9
Pilot and Front Passenger		2,172	
Passenger Center Seats		3,000	
Passenger Rear Seat		3,955	
Fuel: Full 356 L = 253 kg		2,413	
Baggage Forward Max 45 kg		1,067	
Baggage Aft Max 45 kg		4,539	
Total Loaded Airplane MAX 1 540 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	
												Summa		Summa	
												Altern		Altern	
Datum			Befälhavare					Blocktid		Flygtid		Extra		Extra	
												Total		Total	