

# SNABBFAKTA PA-28RT-201 Arrow IV 28-7816164 SE-KBN

## BEST POWER

Power	55%	65%	75%
FF Gal/h	9,1	10,4	11,6
FF Liter/h	34,4	39,4	43,9
FF Kg/h	24,8	28,3	31,6
Leaned to 100 F rich of reak E.G.T			

## WEIGHTS

Basic Empty Weight	Kg	831,4
Arm Aft Datum(empty w)	m	2,214
MTOW	Kg	1247
MLW	Kg	1247
Max baggage	Kg	91
Tillsatsvikt	Kg	415,6

## TRUE AIRSPEED Best Power

PA	ISA	True Airspeed KTS		
		55%	65%	75%
10	13	112	125	133
20	11	114	126	135
30	9	115	128	137
40	7	116	129	138
50	5	117	131	140
60	3	119	132	142
70	1	120	134	142
80	-1	122	135	
90	-3	123	137	
100	-5	124	138	

ISA + 10 gives +1 KTS  
ISA - 10 gives -1 KTS

## SPEED

		KTS	IAS
X-W	Max Demo Crosswind		17
Vs	Stall Speed Flaps 40		53
Vs	Stall Clean		58
Vx	Best Angel of Climb Speed G.Up		77
Vy	Best Rate of Climb Speed G.Up		87
	En Route Climb Speed		104
Vg	Best Glide Speed		79
Vlo	Max Gear Up Speed		109
Vle	Max Gaer Down Speed		130
Vfe	Max Flaps Speed		108
Va	Design Maneuvering	1247 Kg	121
	Speed	845 Kg	96
Vno	Max Structural Cruising Speed		149
<b>Vne</b>	<b>Red Line</b> Never Exceed Speed		190
	Initial Approach Speed		
	Final Approach Speed 40		74

## FUEL ADD

	Holding
Power %	55%
Min	45
Gal	9,1
Liter	34,4
Kg	24,8
<b>Route Reserve 10 %</b>	

## FIELD REQUIREMENTS

MTOW - IAS - SL - HARD RW - NO WIND					
	Speed Vr	Speed Final	Flaps	Roll m	50 ft m
<b>Take off</b>					
Normal	71		0	512	685
Short Field	59		25	305	487
<b>Landing</b>					
Normal		74	40	189	463

## FUEL

	Total	Usable Fuel	
		Full	Standard
Gal	77	72	50
Liter	291	272	189
Kg	207	193	134

## FLIGHT PLAN

TYPE	P28T
WAKE TURBULENCE CAT	L
EQUIPMENT	SD/C
EMERGENCY RADIO	ELT

## OIL

	Max	Min
US quarts	8	2

## POWER SETTING

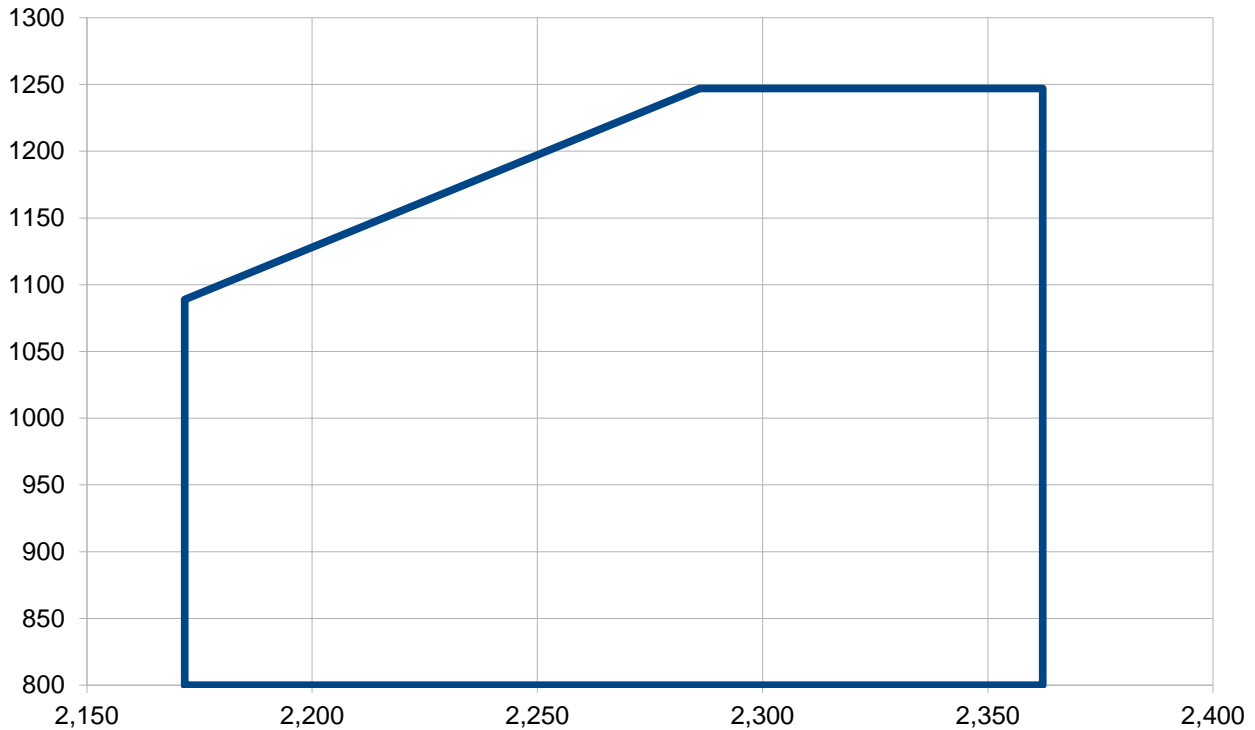
	Full Power
Climb	Chart
Cruise	Chart
Holding 55%	20" / 2400
Descend 55%	20" / 2400
ILS Appr 45%	18" / 2400
NDB Appr 45%	18" / 2400

## ÄGARE

Ensio Invest AB
Box 4146
181 04 Lidingö
Abbe Bellil 076-9099620

Bo Johnsson 2017-07-20  
Rev 2018-03-06

Item	Weight Kg	Arm m	Moment
Basic Empty Weight	831	2,214	1 840
Pilot and Front Passenger		2,045	
Passenger Rear Seat		3,000	
Fuel: Full 272 L=193 Kg, Standard 189 L=134 Kg		2,413	
Baggage Max 91 Kg		3,627	
<b>Total Loaded Airplane MAX 1247 Kg</b>			



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				