

SNABBAKTA PA-28 Archer II C/N 2890083 SE-LKV



BEST POWER RANGE

Power	55%	65%	75%
Gal/h	7,8	9,0	10,5
Liter/h	29,5	34,1	39,7
Kg/h	21,2	24,5	28,6

Leaned to 100F rich of reak E.G.T

TRUE AIRSPEED Best Power

PA	ISA	True		
		55%	65%	75%
1000	13	96	109	116
2000	11	97	110	118
3000	9	98	111	119
4000	7	98	113	121
5000	5	99	113	122
6000	3	101	115	123
7000	1	102	117	125
8000	-1	103	117	126
9000	-3	103	118	128
10000	-5	104	119	

ISA + 10 gives +1 KTS

ISA - 10 gives -1 KTS

FUEL	Total	Usable Fuel	
		Full	Standard
Gal	50	48	34
Liter	189	182	129
Kg	136	131	93

FUEL GAUGE

Gal	5	10	15	20
Liter	19	38	57	76

OIL

US quarts		Max	Min
		8	6

POWER SETTING

Climb	Full Power
Cruise	Chart
Holding	2000
Descend	2000

WEIGHTS

Basic Empty Weight	Kg	762,9
Arm Aft Datum(empty w)	cm	218,9
MTOW	Kg	1155
MLW	Kg	1155
Max baggage	Kg	91
Max tillsatsvikt (bränsle, förare, pass, bag.)	Kg	392
Max tillsatsvikt (bränsle=189l, förare, pass, bag.)	Kg	263
Max tillsatsvikt (bränsle=129l, förare, pass, bag.)	Kg	301

SPEED

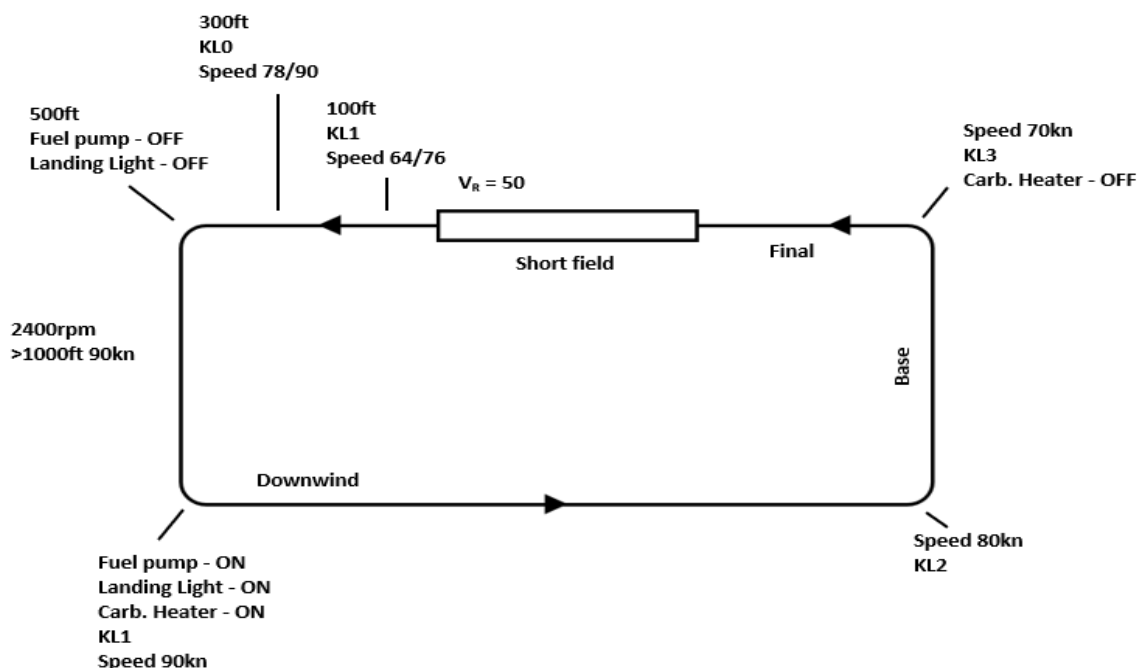
SPEED		KIAS	
	Max sidvindskomponent	Kn	17
V _{S0}	Stallfart landningskonf. MTOW		49
V _{S1}	Stallfart rent flygplan		55
V _R	Rotate to climb (Normal Takeoff dep. on a/c wt.)		52-65
V _Y	Fart för bästa stighastighet		76
V _X	Fart för bästa stigninkel		64
V _{FE}	Maxfart flaps		102
	Fart på finalen		66
V _G	Fart för bästa glidtal		76
V _A	Maxfart för fulla roderutslag	845 Kg	89
		1155 Kg	113
	En route stig hastighet		87
V _{NO}	Maxfart i turbulent luft		125
V _{NE}	Red Line Max tillåten fart		154

FIELD REQUIREMENTS

MTOW - 20deg - IAS - SL - HARD RW - NO WIND					
	Speed Vr	Speed Final	Flaps	Roll m	50 ft m
Take off	Normal	53	0		610
	Short	49	25		548
Landing	Normal				
		66	40		435

FLIGHT PLAN

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



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