

SNABBAKTA PA-28 Archer III C/N 2843347 SE-MEC



BEST POWER RANGE

Power	55%	65%	75%
Gal/h	8,2	9,5	13,5
Liter/h	31,0	36,0	51,1
Kg/h	22,3	25,8	36,7

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	771,9
Arm Aft Datum(empty w)	cm	221,3
MTOW	Kg	1155
MLW	Kg	1155
Max baggage	Kg	91
Max tillsatsvikt (bränsle, förare, pass, bag.)	Kg	383
Max tillsatsvikt (bränsle=189l, förare, pass, bag.)	Kg	254
Max tillsatsvikt (bränsle=129l, förare, pass, bag.)	Kg	292

SPEED

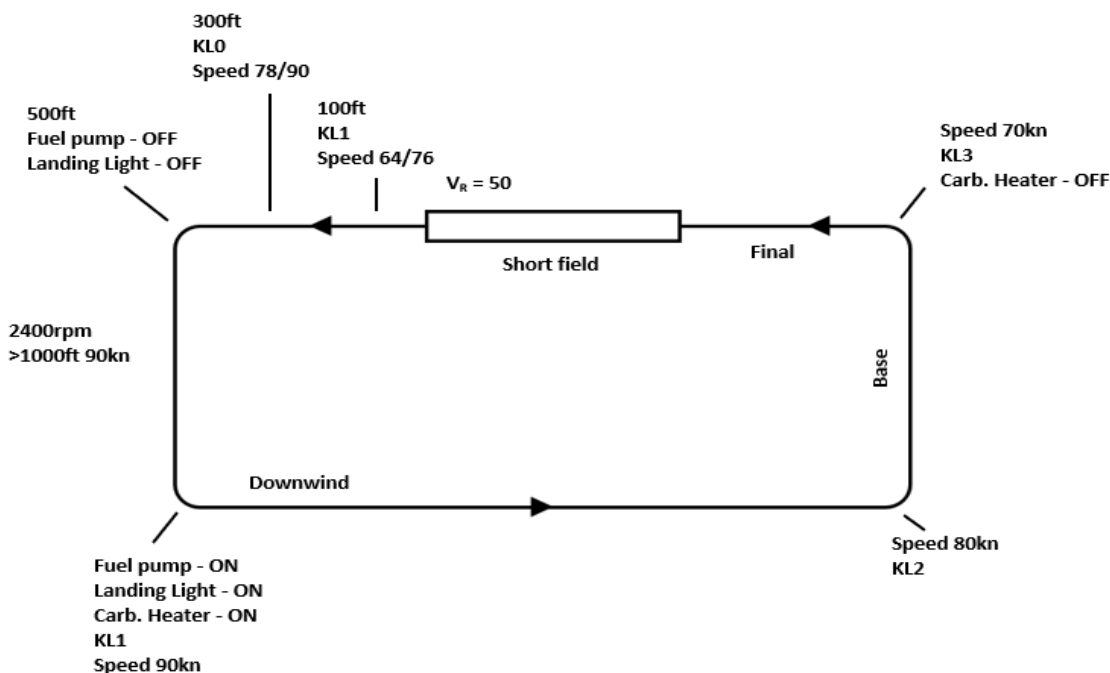
	Max sidvindskomponent	Kn	17
V_{s0}	Stallfart landningskonf. MTOW		49
V_{s1}	Stallfart rent flygplan		55
V_R	Rotate to climb (Normal Takeoff dep. on a/c wt.)		52-65
V_Y	Fart för bästa stighastighet		76
V_X	Fart för bästa stigning		64
V_{FE}	Maxfart flaps		102
	Fart på finalen		66
V_G	Fart för bästa glidtal		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	335	610
Short	49		25	366	548
Landing					
Normal		66	40		435

FLIGHT PLAN

TYPE	P28A
WAKE TURBULENCE CAT	L
EQUIPMENT	SGLY/C
EMERGENCY RADIO	ELT



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