

PA44 SEMINOLE CHECK LIST	
<i>To be used in conjunction with POH</i>	
14. PRE-LANDING CHECKS	
BRAKES	OFF
UNDERCARRIAGE	DOWN & LOCKED
MIXTURES	AS REQ.
PROPELLER	2500
FUEL-ON BOTH / QUANTITY & PUMPS ON	CHECK
FLAPS	1ST STAGE
INSTRUMENTS	CHECK
ICING	CHECK
CARB HEATS	CHECK
HATCHES & HARNESS	SECURE
HEATER SWITCH	FAN / OFF
15. FINAL CHECK	
REDS - Mixture	RICH
BLUES - Propeller	FULL FINE
3 GREENS - Gear	MIRROR
ATC CLEARANCE	OBTAINED
WIND - Crosswind	NOTED
RUNWAY	CLEAR
CARB HEATS (300 ft AGL)	OFF
FLAPS	AS REQ.
16. MISSED APPROACH TWO ENG.	
MIX, PROPS, THROTTLES.	ALL FORWARD
GEAR	UP
POSITIVE CLIMB	FLAPS RETRACT
POWER (300ft AGL)	25" / 25 kts
AIRSPPEED	105 kts
LANDING LIGHT(1000ft)	OFF
FUEL PUMPS (1000ft)	OFF
17. MISSED APPROACH SINGLE ENG.	
MIX, PROPS, THROTTLE.	FORWARD ON
Rudder to maintain Balance	(LIVE ENG.)
GEAR	UP
	FLAPS RETRACT
	5 deg. NU 88kts
LANDING LIGHT(1000ft)	OFF

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18. RUNWAY CLEAR CHECKS (FLOW CHECK)	
AIRCRAFT	STOP
LANDING LIGHTS	AS REQ./OFF
FUEL PUMPS	OFF
PITOT HEAT	OFF
MIXTURES	LEAN for TAXI
UNNECESSARY ELECTRICS	OFF
TRANSPONDER	STANDBY
HEATER SWITCH	FAN min 2 mins
CARBS.HEAT	OFF
COWL FLAPS	OPEN
FLAPS	RETRACT
19. ENGINE SHUTDOWN CHECKS	
BRAKES	ON
THROTTLES	1700rpm/1 min
RADIO, NAV & ELECTRICS	OFF
TRANSPONDER	OFF (7000)
HEATER SWITCH	OFF
THROTTLES	CLOSED/IDLE
MIXTURES	IDLE CUT OFF
MAGNETOS	OFF
NAV & PANEL LIGHTS	OFF
ANTI COLLISION LIGHT	OFF
ALTERNATORS	OFF
BATTERY MASTER	OFF
20. SECURE AIRCRAFT	
CHOCKS	IN PLACE
CONTROLS	SECURE
COVERS	SECURE
TIE DOWNS	SECURE
Note: Hobbs and Fuel state	

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21. PA44 AIRCRAFT DATA	
SPEEDS	
Vne - never exceed	202Kts
Vno - normal operation	169Kts
Va - maneuvering 3800 lbs	135Kts
2700l bs	112Kts
Vfe - max flap extend	111Kts
Vle - max gear extended	140Kts
Vlo - max gear extend	140Kts
Vlo - max gear retract	109Kts
Manual Gear Extend	100Kts
Vmca - min single engine	56Kts
Vso - Landing Config.	50Kts
Vs1 - Clean Config.	56Kts
Turbulent air Ops.	135 Kts
Vx - best 2 engine angle of climb	82 Kts
Vy - best 2 engine rate of climb	88 Kts
Vxse - best 1 engine angle	82 Kts
Vyse - best 1 engine rate	88 Kts
Vsse - min 1 eng.inop speed	82 Kts
Vtoss - Take off safety speed	75 Kts
Vref - Normal	75 Kts
Vref - Flapless	85 Kts
SE app. above committal altitude	88 Kts
Crosswind Limit	17 Kts

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POWER, ATTITUDE & SPEED	
Rotate Max / 2700rpm 10°NU	70Kts
Take Off Safety Speed	75Kts
Initial Cl. Max / Max rpm 10°NU	88Kts
Cruise Cl. 300 ft agl 25"/25rpm 7°NU	105 Kts
Cruise - Econ.22"/ 22 rpm 1°NU	140Kts
Descent 18"/ 22 rpm 3°ND	140Kts
Descent - Hold 14"/ 22 rpm 1°NU	120Kts
Hold - Level 18"/ 22 rpm 1°NU	120Kts
Descent flap 10° 14"/ 25 3°ND	100Kts
Level 10° flap 17"/ 25 rpm 1°NU	100Kts
Final Des. U/C Flap 25° 15"/ 25rpm	100Kts
FUEL AND OIL	
Fuel Quantity each side	204 Litres.
Fuel Consumption	70 Litres/ Hr.
Oil Quantity each side	5 Qts
Oil Consumption	½ Qt / Hr.
ASYMMETRIC SETTINGS	
SE Climb Max/ 2700 rpm 5°NU	88Kts
Cruise Hold 24"/ 2500 rpm 1°NU	110Kts
Intermediate Descent 15"/ 2500 rpm 1°NU	100Kts
Final Descent Flap 10 18"/ 2500 rpm 1°NU	100Kts
WEIGHTS	
MTOW	3800Lbs
MLW	3800Lbs
Max Baggage Weight	200Lbs

All Red & Blue Checks Are Memory Items

IR PROCEDURES:	
Outbound For The Approach:	
BRIEF	Nav aids
NAVAIDS	Frequencies
Pre Landing Checks	Idents
	Displays

Glide Slope Intercept	1/4 Scale Def.
Gear Down	
Flaps	25 (2 Eng.)
Reds	Full Rich
Blues	2500 RPM
3 Greens	Check Mirror
Hold Procedure	
Temps & Pressures	CHECK
Carb Heat	CHECK
ADF	IDENT
Icing	Temp / Ice

