

PA-28-161 Piper Warrior II N8444J

INTERIOR	
Control Wheel	- Remv Belts
Avionics	- OFF
Electric Sw	- OFF
Magnetos	- OFF
Mixture	- CUTOFF
Master Switch	- ON
Fuel Gauges	- Check
Warning Lts	- Check
Stall Warning	- Check
Pitot Ht/Beacon	- Chk
Master Switch	- OFF
Flight Controls	- Check
Flaps	- Down
Trim	- Neutral
Pitot Drain	- Drain
Baggage Door	- Secure

EXTERIOR INSPECTION	
Door	- Hinges, latches
Right Wing: Check	
Flaps	- Hinges, screws
Aileron	- Hinges, screws
Wingtip	- Light, condition
Fuel Sump	- Quality
	- No leaks
Fuel Quantity	- Check
	- Cap Secure
Fuel Vent	- Clear
Tie Down	- Remove
Strut	- 4.5" extension
Wheel	
	- General Condition
	- Inflation
Brake	- Pad wear
	- No hyd leak

Nose	
Oil Qty	- Min 2 Qts
	- Door secure
Cowling	- Secure
Belt	- Tension, Condition
Strut	- 3.25" extension
Tire	- Condition, inflation
Propeller	- No nicks, dents
Air intakes	- Clear
Windshield	- Clean, clear
Fuel Sump	- Quality
Exhaust	- Secure

Left Wing: Check	
	Same as Right
Pitot Vane	- Check/Clear

Tail	Condition of:
	- Beacon
	- Rudder
	- Stabilator
	- Trim tab
	- Tie Down Removed

Tail	Condition of:
	- Beacon
	- Rudder
	- Stabilator
	- Trim tab
	- Tie Down Removed
Fuselage	- Condition
	- Top/Bottom
	- Antennas

BEFORE ENTERING AIRCRAFT	
Flaps	- Symmetric
Tie Downs	- Removed
Tow Bar	- Removed
Chocks	- Removed
Taxi Route	- Clear
Prop Blast	- Clear

BEFORE STARTING ENGINE	
Passengers	- Brief
Hobbs/Tach	- Record
Seat/Belt/Harness	- Locked
Brakes	- Test and Set
Fuel Selector	- Desired Tank
Radios	- OFF

START	
Throttle	- Open 1/4"
Master	- ON
Fuel Pump	- ON
Mixture	- Full Rich
Carb Heat	- UP (Cold)
Beacon	- ON
Propeller	- Clear
Brakes	- Set / Hold
Ignition Switch	- START
After Start:	
Fuel Pump	- OFF
	- Check Pressure
Oil Pressure	- Check

BEFORE TAXI	
Flaps	- Up
Heat / Vents	- As Required
Avionics	- ON, Set
Transponder	- ALT
ATIS/AWOS	- Obtain
Altimeter	- SET
Attitude Indic.	- SET
Hdg Indicator	- Compass
Brakes	- Check

RUNUP	
Brakes	- Set / Held
Throttle	- 2000 RPM
Mag Check	- 175 drop, 50 diff
Carb Heat	- Check
Vacuum	- 4.8-5.1" HG
Engine Inst	- Check
Warning panel	- Check
Throttle	- Idle Check
	- 1000 RPM or less

BEFORE TAKEOFF	
Master Sw	- ON
Instruments	- SET
Transponder	- Code
Fuel Selector	- Desired Tank
Fuel Pump	- ON
Engine Instr	- Check
Carb Heat	- UP (Cold)
Seats/belts/harness	- Secure
Mixture	- SET
Primer	- IN and LOCKED
Flaps	- SET
Trim (Elevator, Rudder)	
	- Set for Takeoff
Flight Controls	
	- Free & Correct
Doors/Window	- Closed/Lock
Pitot Heat	- As Required
Lights	- As Desired
Brief	- Accomplish

TAKEOFF	
Rotate	- 55 KIAS
Climb	- 79 KIAS
Flaps	- UP

CLIMB	
Airspeed	- 87 KIAS
Fuel Pump	- OFF

CRUISE	
Power	- Set
Mixture	- Set

DESCENT	
Throttle	- 2500 RPM
Airspeed	- 126 KIAS
Mixture	- Full Rich
Carb Heat	- Full Heat As Req

BEFORE LANDING	
Fuel Selector	- Desired Tank
Seats/Belts/Harness	- Secure
Fuel Pump	- ON
Mixture	- Rich
Flaps	- As required

AFTER LANDING	
Flaps	- Up
Carb Heat	- Off
Fuel Pump	- Off
Lights	- Off
Pitot Heat	- Off
Trim	- Takeoff

SHUTDOWN	
Flaps	- Up
Fuel Pump	- OFF
Avionics	- OFF
Throttle	- IDLE
Mixture	- Cutoff
Magnetos	- OFF
Master	- OFF
Hobbs/Tach	- Record
Secure Aircraft	

Close Flight Plan	
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POWER LOSS AFTER TAKEOFF	
Best Glide	- 73 KIAS
Secure Engine	
Ignition - Off	
Master Sw - OFF	
Fuel Selector - OFF	
Mixture - Cutoff	
Final	- 63 KIAS
Flaps	- As Required

ELECTRICAL FIRE IN FLIGHT	
Master Switch	- OFF
Vents	- Open
Cabin Heat	- Off

ENGINE FIRE DURING START	
Continue Cranking Engine	
If engine no start:	
Continue Cranking Engine	
Throttle - MAX	
Mixture - Cutoff	
Fuel Pump - OFF	
Fuel Selector - OFF	
If engine starts	
Run / Shutdown / Inspect	

POWER LOSS IN FLIGHT	
Best Glide	- 73 KIAS
Prepare for Landing	
Attempt Restart	
Fuel Selector - Tank w/ Fuel	
Fuel Pump - On	
Mixture - Full Rich	
Carb Heat - ON	
Primer - In/Locked	
Forced Landing - Accomplish	

ENGINE FIRE IN FLIGHT	
Secure Engine	
Fuel Selector - OFF	
Throttle - Idle	
Mixture - Cutoff	
Fuel Pump - OFF	
Heat/Defrost - OFF	
Forced Landing - Accomplish	

FORCED LANDING	
Best Glide	- 73 KIAS
Final	- 63 KIAS
Secure Engine	
Ignition - OFF	
Master - OFF	
Fuel Selector - OFF	
Mixture - Cutoff	
Flaps	- As Required

Aircraft Data	
Vrotate	55 KIAS
Vx	63 KIAS
Vy	79 KIAS
Vs0	44 KIAS
Vs1	50 KIAS
Glide (max gross)	
	73 KIAS
Vne	160 KIAS
Vfe	103 KIAS

Final	KIAS
Full Flap	63