

# Piper PA-23-250 Aztec

## Microsoft Flightsimulator 2002

Aircraft & Panel : Fred Choate



Foto: PolishAir42



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Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>



## Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Avionics Master Switch	OFF
Landing Gear Lever	CHECK DOWN
Cowl Flaps	OPEN
Flaps	UP
Propeller	HIGH RPM
Fuel Selector	ON / ALL
Fuel Flow / Mixture	CUTOFF
Battery Switch	ON
Panel Lights	ON if required
Fuel Quantity	CHECK
Flight controls	CHECK
Avionics Master Switch	ON
Check Weather	(ATIS, Flight Services)
De-Ice Switch	TEST/CHECK
<b><i>Request Clearance</i></b>	
Transponder	STANDBY
Beacon	ON



## Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	FULL
Fuel Flow / Mixture	FULL RICH
Fuel Pump	ON
Throttle	IDLE, cracked
Right Magneto & Engine Start Switch	START (repeatedly until engine starts)
Right Oil Pressure	CHECK 30psi
Left Magneto & Engine Start Switch	START (repeatedly until engine starts)
Left Oil Pressure	CHECK 30psi
Loadmeter	CHECK for CHARGE
Voltmeter	CHECK





## Taxi To Ramp

Strobe Light	OFF
Flaps	RETRACT
Taxi Lights	ON
Landing Lights	OFF
De-Ice	OFF
Speed	Max. 20 knots
Cowl Flaps	OPEN
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED
Transponder	1200

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Pump	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Light	OFF
Pitot Heat	OFF
Fuel Flow	CUTOFF
Fuel Selectors	OFF
Magnetos	OFF
Beacon	OFF
Panel Light	OFF
Battery Switch	OFF

## Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF
Cowl Flaps	CLOSE

## Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator / Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF

***Request Taxi Clearance***

## Taxi Checklist

Parking Brake	RELEASE
Brakes	CHECK during taxi
Directional Gyro	PROPER IND. during turns
Turn Coordinator	PROPER IND. during turns
Artificial Horizon	ERECT during turns
Taxi to assigned runway	SPEED Max. 20 knots

## Before Take-off Checklist

Parking Brake	SET
Fuel Quantity	CHECK
Cowl Flaps	CHECK OPEN
Throttle	IDLE
Propeller	HIGH RPM
Mixture	FULL RICH
Elevator Trim	SET for takeoff
Flaps	10 deg
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
Landing Lights	ON
Strobe Light	ON
Pitot Heat	ON
De-Ice	AS REQUIRED
Engine Instruments	CHECK
Transponder	ON

***Request Takeoff Clearance***

## Take-off Checklist

Smoothly increase thrust to	FULL	
Brakes	RELEASE	
V1 =	90 KIAS (descision)	
Vr =	95 KIAS (rotate)	
Pitch	10 degrees	
At Positive Climb Rate	Touch Brakes	
Landing Gear	RETRACT	
Flaps	RETRACT	
Trim for climb to maintain	120 KIAS	20"
Annunciator Lights	CHECK OFF	
Engine Instruments	CHECK	

## Climb-out Checklist

Autopilot	CHECK and SET	
Taxi Lights	OFF	
Landing Lights	OFF	
Airspeed	135 KIAS	22"
Climb Rate	800 fpm	
Cowl Flaps	AS REQUIRED	
Engine Instruments	MONITOR	
Fuel Pump	OFF	
<i>ATC</i>	<i>AS REQUIRED</i>	

## Cruise Checklist

Accelerate to cruise speed	170-180 KIAS	23"
the manifold pressure depends on flight altitude, the given value is for 5'000 ft		
Engine+Instruments	CHECK	
Cowl Flaps	CLOSED	
Engine Temperatures	STABILIZE at cruise cond.	
Fuel Quantity	CHECK	
Radios	TUNED and SET	
Autopilot	CHECK and SET	
Lights	as required	
Engine Instruments	CHECK	

## Descent Checklist

Atis/Airport Information	CHECK	
Altimeter	CHECK	
Radios	SET	
Descent Speed	160 KIAS	15"
Flaps	CHECK UP	
Landing Gear	CHECK UP	
Fuel Balance	CHECK	
Cowl Flaps	CHECK CLOSED	
Check Weather	(ATIS, Flight Services)	

## Approach Checklist

### Localizer Level Flight :

Landing Lights	ON	
De-Ice	AS REQUIRED	
Fuel Pump	ON	
Propeller	HIGH RPM	
Mixture	FULL RICH	
Speed: Establish	140 KIAS	16"
Flaps	10 deg	
Speed: Establish	120 KIAS	18"
Flaps	20 deg	
Speed: Establish	110 KIAS	18"
Landing Gear	DOWN	
Turning toward runway: set flaps	FULL DOWN	

### Final Glideslope Descent :

Speed:- Establish	100 KIAS	16"
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	

## Landing Checklist

Landing Gear	CHECK DOWN	
Autopilot	OFF	
Landing Speed	90 KIAS	
Touchdown	MAIN WHEELS FIRST	
Landing Roll	LOWER NOSE WHEEL	