

Piper PA-24 Comanche

Microsoft Flightsimulator 2002

Aircraft & Panel : SIMAVIATOR Gernerl Aviation Pack



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Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Magneto/Starter Switch	OFF
Master Switch + Alt/Batt	OFF
Fuel Pump Switch	OFF
Avionics Master Switch	OFF
Battery Switch	ON
Panel Light	ON if required
Landig Gear Lever	CHECK DOWN
Flaps	UP
Propeller	HIGH RPM
Fuel Flow / Mixture	IDLE CUTOFF
Fuel Quantity	CHECK
Flight controls	CHECK
Avionics Master Switch	ON
Check Weather	(ATIS, Flight Services)
De-Ice Switch	ON
<i>Request Clearance</i>	
Transponder	SET
Beacon	ON

Startup Checklist

Engine and Propeller Area	CLEAR
Primer	AS REQUIRED
Throttle	OPEN 1/4 INCH
Propeller	HIGH RPM
Fuel Flow / Mixture	FULL RICH
Fuel Pump	ON
Carburator heat	ON
Magneto/Starter Switch	START
Throttle	IDLE
Alternator	ON
Oil Pressure	CHECK
Ammeter+Voltmeter	CHECK for CHARGE
Engine Instruments	CHECK

Panel Lights	OFF
Battery Switch	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF



Final Glideslope Descent :

Turning toward runway: set flaps
Speed:- Establish
Elevator Trim
Parking Brake

FULL DOWN
85 KIAS
AS DESIRED
VERIFY OFF

18"

Landing Checklist

Landing Gear
Autopilot
Landing Speed
Touchdown
Landing Roll
Brakes

CHECK DOWN, GREEN
OFF
80 KIAS
MAIN WHEELS FIRST
LOWER NOSE WHEEL
MINIMUM REQUIRED

Taxi To Ramp

Flaps
Landing Lights
De-Ice
Speed
Fuel Pump
Elevator Trim
Avionics/Radios
Transponder

RETRACT
OFF
OFF
Max. 20 knots
OFF
TAKEOFF SETTING
AS REQUIRED
1200

Shutdown Checklist

Parking Brake
Throttle
Carburetor Heat
Avionics Switch
Pitot Heat
Fuel Flow / Mixture
Magneto/Starter Switch
Strobe Lights
Beacon
Nav Lights
Alternator Switch

SET
IDLE
OFF
OFF
OFF
CUTOFF
OFF
OFF
OFF
OFF
OFF

Before Taxi Checklist

Strobe Light
Nav Lights
Heading Indicator / Altimeter
Instruments
Radios and Avionics
Autopilot
De-Ice

ON
ON
SET
NORMAL OPERATION
CHECKED and SET
SET and OFF
AS REQUIRED

Request Taxi Clearance

Taxi Checklist

Parking Brake
Brakes
Directional Gyro
Turn Coordinator
Artificial Horizon
Taxi to assigned runway

RELEASE
CHECK during taxi
PROPER IND. during turns
PROPER IND. during turns
ERECT during turns
SPEED Max. 20 knots

Before Take-off Checklist

Parking Brake
Pitot Heat
Landing Lights
Fuel Quantity
Throttle
Propeller
Mixture
Alternator Switch
Throttle
Magnetos

SET
ON
ON
CHECK
IDLE
HIGH RPM
FULL RICH
VERIFY ON
2000 RPM
CHECK
<150 RPM drop on each,
<50 RPM drop between
CHECK Positive charge ind.
IDLE
VERIFY ON
CHECK
SET for takeoff

Flaps
Flight Controls
Engine Instruments
Radios and Avionics
Request Takeoff Clearance

CHECK UP
FREE AND CORRECT
CHECK
SET

Take-off Checklist

Smoothly increase thrust to
Brakes
V1 =
Vr =
Pitch
At Positive Climb Rate
Landing Gear
Trim for climb to maintain
Annunciator Lights
Lights
Engine Instruments
Fuel Pump

FULL
RELEASE
70 KIAS (descision)
75 KIAS (rotate)
10-15 degrees
Touch Brakes
RETRACT
90 KIAS
CHECK
AS DESIRED
CHECK
OFF

Climb-out Checklist

Throttle
Autopilot
Landing Lights
Carburator Heat
Airspeed
Engine Instruments
ATC

At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)

FULL
CHECK and SET
OFF
OFF
110 KIAS 22"
MONITOR
AS REQUIRED

Cruise Climb

Airspeed 120 KIAS 24"

Cruise Checklist

Accelerate to cruise speed	160 KIAS	25"
Service Ceiling	20'000-22'000 ft	
Engine+Instruments	CHECK	
De-Ice	AS REQUIRED	
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	
At Transition Altitude (FL180) set Altimeter to local		
Descent Speed	130 KIAS	16"
Flaps	CHECK UP	
Landing Gear	CHECK UP	
Fuel Balance	CHECK	

Approach Checklist

Localizer Level Flight :

Carburator Heat	ON	
Fuel Pump	ON	
De-Ice	AS REQUIRED	
Propeller	HIGH RPM	
Mixture	FULL RICH	
Speed: Establish	105 KIAS	16"
Landing Lights	ON	
Flaps	10 degrees	
Speed: Establish	90 KIAS	16"
Flaps	20 degrees	17"
Landing Gear	DOWN	21"