

Vulcanair P68 C

(ex Partenavia P68 C)

Microsoft Flightsimulator 2002

Aircraft : by Massimo & Gerardo Taccoli
Panel : modified; original by Marco Spada



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Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Avionics Master Switch	OFF
Throttle Quadrant Display	ON
Flaps	UP
Propeller	HIGH RPM
Fuel Selector	BOTH
Fuel Flow / Mixture	CUTOFF
Battery Switch	ON
Fuel Quantity	CHECK
Flight controls	CHECK
Avionics Master Switch	ON
Check Weather	(ATIS, Flight Services)
Anti-ice Switches	ON
Request Clearance	
Transponder	SET
Strobes / Beacon	ON

Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	OPEN 1/4"
Fuel Flow / Mixture	FULL RICH
Right Engine Ignition Switch	START
Right Oil Pressure	CHECK
Left Engine Ignition Switch	START
Left Oil Pressure	CHECK
Throttle	IDLE
Propeller Synchrophaser	ON



Taxi To Ramp

Flaps	RETRACT
Taxi Lights	ON
Landing Lights	OFF
Anti-ice	OFF
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED
Transponder	1200

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
F/D	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Light	OFF
Pitot Heat	OFF
Fuel Flow	CUTOFF
Strobes / Beacon	OFF
Battery Switch	OFF
Propeller Synchrophaser	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator	SET
Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF
F/D	ON
Anti-ice	AS REQUIRED
<i>Request Taxi Clearance</i>	

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
Pitot Heat	ON
Landing Lights	ON
Fuel Quantity	CHECK
Throttle	IDLE
Propeller	HIGH RPM
Mixture	FULL RICH
Elevator Trim	SET for takeoff
Flaps	CHECK UP
Flight Controls	FREE AND CORRECT
Engine Instruments	CHECK
Radios and Avionics	SET
<i>Request Takeoff Clearance</i>	

Take-off Checklist

Smoothly increase thrust to	FULL
Brakes	RELEASE
V1 =	80 KIAS (descision)
Vr =	90 KIAS (rotate)
Pitch	10 degrees
At Positive Climb Rate	Touch Brakes
Trim for climb to maintain	100 KIAS
Annunciator Lights	CHECK OFF
Engine Instruments	CHECK

Climb-out Checklist

Autopilot	CHECK and SET
Airspeed	120 KIAS
Climb Rate	700 fpm
Taxi Lights	OFF
Landing Lights	OFF
Engine Instruments	MONITOR
ATC	AS REQUIRED
At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)	

Cruise Checklist

Accelerate to cruise speed	160 KIAS
Service Ceiling	20'000 ft
Engine+Instruments	CHECK
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	140 KIAS
Descent Rate	-700 fpm
Flaps	CHECK UP
Fuel Balance	CHECK
At Transition Altitude (FL180) reset Altimeter to local	
Check Weather	(ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Propeller	HIGH RPM
Mixture	FULL RICH
Speed: Establish	120 KIAS
Landing Lights	ON
Flaps	SET T/O
Speed: Establish	110 KIAS
Turning toward runway: set flaps	FULL DOWN

Final Glideslope Descent :

Speed: Establish	100 KIAS
Elevator Trim	AS DESIRED
Parking Brake	VERIFY OFF
Anti-ice	AS REQUIRED

Landing Checklist

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