

Vickers VC-10

Microsoft Flightsimulator 2002

Aircraft and Panel : David Maltby



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Pre-Start Checklist

Parking Brake	SET
Thrust Levers	IDLE
BATT Master Switch	ON
Panel Lights	ON if required
Gear Lever	CHECK DOWN
Flaps	UP
Spoiler	RETRACTED
Fuel Quantity	CHECK
Engine Instruments	CHECK
Pitot Heat	OFF
De-Ice	OFF
Aircraft Lighting	OFF
Flight controls	CHECK
Avionics Master Switch	ON
Check Weather	(ATIS, Flight Services)
Anti-ice Equipment	TEST/CHECK
Request Clearance	
Transponder	STANDBY
Beacon	ON

Startup Checklist

Thrust Levers	IDLE
Engine Area	CLEAR
Eng. 1 Start/Ignition	ON
Generator 1	VERIFY ENGINE RUNNING
Generator 1	ON
Repeat for Eng. 2—3—4	
Engine Instruments	CHECK
Pitot Heat	ON
De-Ice	AS REQUIRED

Panel Light	OFF
BATT Master Switch	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

Landing Checklist

Autoland	Available ?
Landing Gear	CHECK DOWN
Autopilot	OFF
Autothrottle	OFF
Landing Speed	145 KIAS
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust
Spoilers	VERIFY EXTENDED
Brakes	AS REQUIRED

Taxi To Ramp

Strobes	OFF
Flaps	UP
Spoilers	RETRACTED
Taxi Lights	ON
Landing Lights	OFF
Speed	Max. 20 knots
Avionics/Radios	AS REQUIRED
Transponder	OFF
Elevator Trim	TAKEOFF SETTING
Lights	AS DESIRED

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Passenger Signs	OFF
Pitot Heat	OFF
De-Ice	OFF
Taxi Lights	OFF
Nav Lights	OFF
F/D	OFF
Avionics	OFF
Engine Start Switches 1—2—3—4	OFF
Generator Switches 1—2—3—4	OFF
Beacon	OFF

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator/Altimeters	SET
Instruments	NORMAL OPERATION
Radios and Avionics	SET FOR DEPARTURE
Autopilot	SET and OFF
Autothrottle	ARMED
F/D	ON
Yaw Damper	ON AS REQUIRED
Autobrake	RTO
Elevator Trim	SET for takeoff

Request Taxi Clearance

Taxi Checklist

Passenger Signs	ON
Parking Brake	RELEASE
Taxi to assigned runway	SPEED Max. 20 knots

Before Take-off Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Quantity	CHECK
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
Strobe Light	ON
Landing Lights	ON
Flaps	Pos. 1
Spoilers	RETRACTED
De-Ice	AS REQUIRED
Flight Instruments	CHECKED
Engine Instruments	CHECK
Takeoff Data (V1, VR, V2)	CHECK
Nav Equipment	CHECK
Transponder	ON / SET

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to Takeoff Thrust	40% N1 let spool up FULL or TO/GA
Brakes	RELEASE
V1 =	140 KIAS (decision)
Vr =	150 KIAS (rotate)
Pitch	8-10 deg. nose up
V2 =	160 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 180 KIAS	RETRACT flaps up
Trim for climb to maintain	210 KIAS
Engine Instruments	CHECK

Climb-out Checklist

Throttle / Trim for Autopilot/Autothrottle	250 KIAS CHECK and SET
Autobrake	OFF
Taxi Lights	OFF
Landing Lights	OFF
Below 10000' max. speed	250 KIAS
Engine Instruments	MONITOR
ATC	AS REQUIRED
Passenger Signs	OFF / AS REQUIRED
Above 10000' speed	280 KIAS

Cruise Checklist (above FL 180)

At Transition Altitude (FL180) set Altimeter to	29,92" (1013mb)
Accelerate to cruise speed	FL180 0.70 mach
	FL240 0.77 mach
	FL280 0.82 mach
	FL330 0.86 mach
Engine+Instruments / 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
De-Ice	AS REQUIRED
Descent Speed	to FL240 0.75 mach
	to FL180 0.65 mach
At Transition Altitude (FL180) reset Altimeter to local	to FL120 280 KIAS
	below 10'000ft 240 KIAS
Fuel Quantities and Balance	CHECK
Flaps, Landing Gear	CHECK UP
Check Weather	(ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Landing Lights	ON
Passenger Signs	ON
Avionics + Radios	SET
Speed: Establish	210 KIAS
Auto Spoilers	ARM
Autobrake	SET
Flaps	Pos. 1
Speed: Establish	180 KIAS
Flaps	Pos 2
Speed: Establish	160 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	FULL

Final Glideslope Descent :

Speed Establish	150 KIAS
Elevator Trim	AS DESIRED
Parking Brake	VERIFY OFF