

Beech King Air C90B

Microsoft Flight Simulator 2002

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Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Landig Gear Lever	CHECK DOWN
Avionics Master Switch	OFF
Flaps	UP
Propeller	HIGH RPM
Fuel Cond. Lever	FUEL CUTOFF (Ctrl-Shift-F1)
Battery Switch	ON
Panel Lights	ON if required
Fuel Quantity	CHECK
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

Engine and Propeller Area	CLEAR
Throttle	IDLE
Fuel Flow	ON
Right Ignition and Engine Start Switch	ON (hold until engine starts)
Right ITT and N1 Turbine RPM	MONITOR
Right FUEL PRESS LO Annunciator	EXTINGUISHED
Right OIL PRESS LO Annunciator	EXTINGUISHED
Right Oil Pressure	CHECK
Right Generator	ON
Left Ignition and Engine Start Switch	ON (hold until engine starts)
Left ITT and N1 Turbine RPM	MONITOR
Left FUEL PRESS LO Annunciator	EXTINGUISHED
Left OIL PRESS LO Annunciator	EXTINGUISHED
Left Oil Pressure	CHECK
Left Generator	ON
Feather/Unfeather Props	CHECK once
Engine Instruments	CHECK



Taxi To Ramp

Strobes	OFF
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
Autofeather	OFF
F/D	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Lights	OFF
Pitot Heat	OFF
Fuel Cond. Lever	CUTOFF (Ctrl-Shift-F1)
Propeller	FEATHER
Beacon	OFF
Panel Light	OFF
Battery Switch	OFF when N1<15%
Generator Switch	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 / Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF
F/D	ON
Yaw Damper	ON AS REQUIRED

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
Throttle	IDLE
Autofeather	ARM
Propeller	HIGH RPM
Elevator Trim	SET for takeoff
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
Landing Lights	ON
Strobe Light	ON
Pitot Heat	ON
Anti-ice	AS REQUIRED
Engine Instruments	CHECK
Annunciator Lights	CHECK
Transponder	ON

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to	FULL	
Brakes	RELEASE	
V1 =	100 KIAS (descision)	
Vr =	105 KIAS (rotate)	
V2	110 KIAS	
Pitch	10-15 degrees	
At Positive Climb Rate	Touch Brakes	
Landing Gear	RETRACT	
Trim for climb to maintain	140 KIAS	Torque 65
Climb Rate	1000 fpm	
Annunciator Lights	CHECK	
Engine Instruments	CHECK	

Climb-out Checklist

Propeller Synchrophaser	ON	
Autopilot	CHECK and SET	
Taxi Lights	OFF	
Landing Lights	OFF	
Airspeed	160 KIAS	Torque 75
Engine Instruments	MONITOR	
ATC	AS REQUIRED	
At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)		

Cruise Checklist

Anti-ice	AS REQUIRED	
Accelerate to cruise speed	200-210 KIAS	Torque 80
Autofeather	OFF	
Service Ceiling	29'000 ft	eff. < FL210
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	
Autofeather	ARM	
Descent Speed	180 KIAS	Torque 20
Descent Rate	-1000 fpm	
Flaps, Landing Gear	CHECK UP	
At Transition Altitude (FL180) reset Altimeter to local		
Check Weather	(ATIS, Flight Services)	

Approach Checklist

Localizer Level Flight :

Landing Lights	ON	
Autofeather	VERIFY ARMED	
Propeller	HIGH RPM	
Fuel Cond. Lever	FULL	
Speed: Establish	140 KIAS	Torque 30
Flaps	SET APPR	
Speed: Establish	120 KIAS	Torque 40
Landing Gear	DOWN	
Turning toward runway: set flaps	FULL DOWN	

Final Glideslope Descent :

Speed: Establish	100 KIAS	Torque 25
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	
Anti-ice	AS REQUIRED	

Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	90 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
After touchdown	Apply Reverse Thrust, at 50 kts: Cancel Reverse Thrust