



Beech 1900D

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 Switch	ON
Anti-ice Annunciators	ILLUMINATED
Request Clearance	
Transponder	SET
Beacon	ON

Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	IDLE
Fuel Flow	ON (Ctrl-Shift-F4)
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

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF



Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	100 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
After touchdown	Apply Reverse Thrust, at 50 kts: Cancel Reverse Thrust

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
Autofeather	OFF
F/D	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Lights	OFF
Strobes	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

Master Warning Display	OFF
Master Caution Display	OFF
Throttle Quadrant Display	OFF
Engine Instruments	CHECK

Before Taxi Checklist

Strobe Light	ON
Nav Lights	ON
Taxi Lights	ON
Heading Indicator / Altimeter Instruments	SET NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF
F/D	ON
Yaw Damper	ON AS REQUIRED
Autofeather	ARM
Anti-ice	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
Pitot Heat	ON
Landing Lights	ON
Fuel Quantity	CHECK
Throttle	IDLE
Propeller	HIGH RPM
Elevator Trim	SET for takeoff
Flight Controls	FREE AND CORRECT

Engine Instruments
 Annunciator Lights
 Radios and Avionics
Request Takeoff Clearance

CHECK
 CHECK
 SET

Radios
 Autopilot
 Lights
 Engine Instruments

TUNED and SET
 CHECK and SET
 as required
 CHECK

Take-off Checklist

Smoothly increase thrust to FULL
 Brakes RELEASE
 V1 = 105 KIAS (descision)
 Vr = 110 KIAS (rotate)
 Pitch 10-15 degrees
 V2 115 KIAS
 At Positive Climb Rate Touch Brakes
 Landing Gear RETRACT
 Trim for climb to maintain 140 KIAS Torque 70
 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 80
 Climb Rate 1500 fpm
 Engine Instruments MONITOR
ATC AS REQUIRED
 At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)

Cruise Checklist

Accelerate to cruise speed 220-240 KIAS Torque 80
 Autofeather OFF
 Service Ceiling 25'000 ft
 Engine+Instruments CHECK
 Engine Temperatures STABILIZE at cruise cond.
 Fuel Quantity CHECK

Descent Checklist

Atis/Airport Information CHECK
 Altimeter CHECK
 Radios SET
 Autofeather ARM
 Descent Speed 180 KIAS Torque 10
 Descent Rate -1500 fpm
 Flaps CHECK UP
 Landing Gear CHECK UP
 Fuel Balance CHECK
 At Transition Altitude (FL180) reset Altimeter to local
 Check Weather (ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :
 Autofeather VERIFY ARMED
 Propeller HIGH RPM
 Fuel Cond. Lever FULL
 Speed: Establish 150 KIAS Torque 25
 Flaps SET APPR
 Speed: Establish 130 KIAS Torque 35
 Landing Gear DOWN
 Landing Lights ON
 Turning toward runway: set flaps FULL DOWN

Final Glideslope Descent :
 Speed: Establish 110 KIAS Torque 20
 Elevator Trim AS DESIRED
 Parking Brake VERIFY OFF
 Anti-ice AS REQUIRED