

# Beech B1900D

## Microsoft Flight Simulator X

Aircraft and Panel : Premier Aircraft Design  
[www.premaircraft.com](http://www.premaircraft.com)



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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
<b><i>Request Clearance</i></b>	
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
Repeat for left Engine	
Feather/Unfeather Props	CHECK once
Master Warning Display	OFF
Master Caution Display	OFF
Throttle Quadrant Display	OFF
Engine Instruments	CHECK



Touchdown  
Landing Roll  
After touchdown

MAIN WHEELS FIRST  
LOWER NOSE WHEEL  
Apply Reverse Thrust, at  
50 kts: Cancel Reverse Thrust

## Taxi To Ramp

Flaps  
Taxi Lights  
Landing Lights  
Anti-ice  
Speed  
Elevator Trim  
Avionics/Radios  
Transponder

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

## Shutdown Checklist

Parking Brake  
Throttle  
Autofeather  
F/D  
Avionics Switch  
Taxi Lights  
Nav Lights  
Strobes  
Pitot Heat  
Fuel Cond. Lever  
Propeller  
Beacon  
Panel Light  
Battery Switch  
Generator Switches

SET  
IDLE  
OFF  
OFF  
OFF  
OFF  
OFF  
OFF  
OFF  
CUTOFF (Ctrl-Shift-F1)  
FEATHER  
OFF  
OFF  
OFF when N1<15%  
OFF

## Securing Aircraft

Parking Brake  
Throttle  
All Switches

Verify SET  
Verify IDLE  
Verify OFF

## Before Taxi Checklist

Strobe Light  
Nav Lights  
Taxi Lights  
Heading Indicator / Altimeter  
Instruments  
Radios and Avionics  
Autopilot  
F/D  
Yaw Damper  
Autofeather  
Anti-ice

ON  
ON  
ON  
SET  
NORMAL OPERATION  
CHECKED and SET  
SET and OFF  
ON  
ON AS REQUIRED  
ARM  
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  
Elevator Trim  
Flight Controls  
Engine Instruments  
Annunciator Lights  
Radios and Avionics

SET  
ON  
ON  
CHECK  
IDLE  
HIGH RPM  
SET for takeoff  
FREE AND CORRECT  
CHECK  
CHECK  
SET

*Request Takeoff Clearance*



## 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 60
Annunciator Lights	CHECK	
Engine Instruments	CHECK	

## Climb-out Checklist

Propeller Synchrophaser	ON	
Autopilot	CHECK and SET	
Taxi Lights	OFF	
Landing Lights	OFF	
Airspeed	170 KIAS	Torque 75-80
Climb Rate	1500 fpm	
Engine Instruments	MONITOR	
<b>ATC</b>	<b>AS REQUIRED</b>	
At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)		

## Cruise Checklist

Accelerate to cruise speed	220-240 KIAS	Torque 90
Autofeather	OFF	
Service Ceiling	25'000 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	
Autofeather	ARM	
Descent Speed	180 KIAS	Torque 25
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 :*

Propeller	HIGH RPM	
Landing Lights	ON	
Speed: Establish	150 KIAS	Torque 35
Flaps	SET 5°	
Speed: Establish	140 KIAS	Torque 35
Flaps	SET 17°	
Speed: Establish	130 KIAS	Torque 45
Flaps	SET 28°	
Speed: Establish	120 KIAS	Torque 45
Landing Gear	DOWN	
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	

## Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	100 KIAS