



# Beech Baron 58

## Microsoft Flightsimulator 2004

Aircraft : Default Beechcraft Beech Baron 58  
 Panel : Default Beechcraft Beech Baron 58



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Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>

## Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Magneto & Engine Start Switches	OFF
Battery & Alternator Switches	OFF
Fuel Pump Switches	OFF
Avionics	OFF
Landing Gear Lever	CHECK DOWN
Cowl Flaps	OPEN
Flaps	UP
Propeller	HIGH RPM
Fuel Flow / Mixture	CUTOFF
Fuel Selectors	ON
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 Switches	TEST/CHECK
<b>Request Clearance</b>	
Transponder	STANDBY
Beacon	ON



## Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	FULL
Fuel Flow / Mixture	FULL RICH
Fuel Boost Pumps	HI
Throttle	until fuel flow peaks, then OFF
Throttle	IDLE, cracked
Right Magneto and Engine Start Switch	START (hold until engine starts)
Right Oil Pressure	CHECK 10psi
Right Alternator	ON
Right Alternator Annunciator	EXTINGUISHED
Repeat for left engine	
Loadmeter / Voltmeter	CHECK
Propeller Synchrophaser	ON



## Taxi To Ramp

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

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Boost Pumps	OFF
F/D	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Light	OFF
Pitot Heat	OFF
Fuel Flow	CUTOFF
Fuel Selectors	OFF
Magnetos	OFF
Beacon	OFF
Panel Light	OFF
Battery Switch	OFF
Alternator Switches	OFF
Propeller Synchrophaser	OFF

## Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF
Cowl Flaps	CLOSE

## 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

### *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
Cowl Flaps	CHECK OPEN
Throttle	IDLE
Propeller	HIGH RPM
Mixture	FULL RICH
Elevator Trim	SET for takeoff
Flaps	CHECK UP
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
Transponder	ON

### *Request Takeoff Clearance*

## Take-off Checklist

Smoothly increase thrust to	FULL	
Brakes	RELEASE	
V1 =	85 KIAS (descision)	
Vr =	90 KIAS (rotate)	
Pitch	10 degrees	
At Positive Climb Rate	Touch Brakes	
Landing Gear	RETRACT	
Trim for climb to maintain	105 KIAS	18"
Annunciator Lights	CHECK OFF	
Engine Instruments	CHECK	

## Climb-out Checklist

Throttle	FULL	
Autopilot	CHECK and SET	
Taxi Lights	OFF	
Landing Lights	OFF	
Airspeed	130 KIAS	21"
Cowl Flaps	AS REQUIRED	
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	6000 ft 170-180 KIAS	23"
	9000 ft 150-160 KIAS	20"
Service Ceiling	20'000 ft	
Engine+Instruments	CHECK	
Cowl Flaps	CLOSED	
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	170 KIAS	16"
Descent Rate	-700 fpm	
Flaps	CHECK UP	
Landing Gear	CHECK UP	
Fuel Balance	CHECK	
Cowl Flaps	CHECK CLOSED	
At Transition Altitude (FL180) reset Altimeter to local		
Check Weather	(ATIS, Flight Services)	

## Approach Checklist

### Localizer Level Flight :

Landing Lights	ON	
Fuel Boost Pumps	LO	
Propeller	HIGH RPM	
Mixture	FULL RICH	
Speed: Establish	145 KIAS	18"
Flaps	SET APPR	
Speed: Establish	120 KIAS	18"
Landing Gear	DOWN	
Turning toward runway: set flaps	FULL DOWN	

### Final Glideslope Descent :

Speed:- Establish	100 KIAS	15"
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	
Anti-ice	AS REQUIRED	

## Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	95 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL