

Beech Baron 58

Microsoft Flight Simulator X

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



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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
Request Clearance	
Transponder	STANDBY
Beacon	ON

Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	FULL
Fuel Flow / Mixture	FULL RICH
Fuel Boost Pumps	HI
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	CHECK EXTINGUISHED
Repeat for left engine	
Loadmeter / Voltmeter	CHECK for CHARGE
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 / Mixture	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
Taxi to assigned runway	SPEED Max. 20 knots
Brakes	CHECK during taxi
Directional Gyro	PROPER IND. during turns
Turn Coordinator	PROPER IND. during turns
Artificial Horizon	ERECT during turns

Before Take-off Checklist

Parking Brake	SET
Fuel Quantity	CHECK
Cowl Flaps	CHECK OPEN
Throttle	IDLE
Propeller	HIGH RPM
Fuel Flow / Mixture	FULL RICH
Elevator Trim	SET for takeoff
Flaps	CHECK UP
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
Landing Lights	ON
Taxi Lights	OFF
Engine Instruments	CHECK
Strobe Light	ON
Pitot Heat	ON
Anti-ice	AS REQUIRED
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 2700 RPM 18"
Annunciator Lights	CHECK OFF
Engine Instruments	CHECK

Climb-out Checklist

Throttle	FULL
Autopilot	CHECK and SET
Landing Lights	OFF
Airspeed	130 KIAS 2500 RPM 21"
Fuel Flow / Mixture	AS REQUIRED
Cowl Flaps	AS REQUIRED
Engine Instruments	MONITOR
<i>ATC</i>	<i>AS REQUIRED</i>

Cruise Checklist

Accelerate to cruise speed	6000 ft 180 KIAS 2350 RPM 23"
	9000 ft 160 KIAS 2350 RPM 20"
Fuel Flow / Mixture	AS REQUIRED
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
Annunciator Lights	CHECK OFF
Engine Instruments	CHECK

Descent Checklist

Atis/Airport Information	CHECK
Altimeter	CHECK
Radios	SET
Descent Speed	170 KIAS 2350 RPM 18"
Fuel Flow / Mixture	AS REQUIRED
Descent Rate	-700 fpm
Flaps	CHECK UP
Landing Gear	CHECK UP
Fuel Balance	CHECK
Cowl Flaps	CHECK CLOSED
Check Weather	(ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Landing Lights	ON
Anti-ice	AS REQUIRED
Fuel Boost Pumps	LO
Fuel Flow / Mixture	FULL RICH
Speed: Establish	145 KIAS 2350 RPM 18"
Flaps	SET APPR
Speed: Establish	120 KIAS 2350 RPM 18"
Landing Gear	DOWN
Turning toward runway: set flaps	FULL DOWN
Propeller	HIGH RPM

Final Glideslope Descent :

Speed: Establish	100 KIAS 15"
Parking Brake	VERIFY OFF

Landing Checklist

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