

Beech Baron 58 - Checklist

Before Starting Engine		
	Flight Plan & FSPassengers	CHECK
	Seat Belts	ON
	Doors	CLOSED
	Brakes	TEST and Parking Break SET
	Flight Controls	TEST
	Magneto & Engine Start Switches	OFF
	Battery & Alternator Switches	OFF
	Fuel Pump Switches	OFF
	Avionics	OFF
	Cowl Flaps	OPEN
	Flaps	UP (Retracted)
	Propeller	HIGH RPM
	Fuel Flow / Mixture	CUTOFF
	Battery Switch	ON
	Panel Lights	ON if required
	Fuel Quantity	CHECK
	Avionics Switch	ON
	Beacon	ON
Starting Engine		
	Throttle	FULL
	Mixture	FULL RICH
	Fuel Boost Pumps	HI
	Throttle	IDLE
	Fuel Boost Pumps	OFF
	Right Magneto & Eng. Start Switch	START (hold until engine starts)
	Right Oil Pressure	CHECK 10psi
	Right Alternator	ON
	<i>Repeat for left engine</i>	
	Propeller Sync	ON
Before Taxi		
	Nav and Taxi Lights	ON
	Altimeter	CHECKED and SET
	Flight Instruments	CHECK
	Radios and Avionics	CHECKED and SET
	Autopilot	SET and OFF
Taxi		
	Parking Brake	RELEASE
	Brakes	TEST during taxi
	Flight & Engine Instruments	CHECK
Before Takeoff		
	Doors	VERIFY CLOSED
	Seat Belts	VERIFY ON
	Fuel Quantity	CHECK
	Cowl Flaps	CHECK OPEN
	Propeller	HIGH RPM
	Mixture	FULL RICH
	Flaps	SET for takeoff
	Landing Lights	ON
	Taxi Lights	OFF
	Strobe Light	ON
	Pitot Heat	ON
	Engine Instruments	CHECK

Take Off		
<i>Smoothly increase thrust to FULL</i>		
	V1	85 KIAS (decision)
	Vr	90 KIAS (rotate)
	Pitch	10 degrees
	At Positive Rate of Climb	RETRACT Landing Gear
	Trim for climb to maintain	105 KIAS
	Engine Instruments	CHECK
Climb		
	Throttle	FULL
	Anti-ice	AS REQUIRED
	Autopilot	CHECK and SET
	Landing Lights	OFF
	Airspeed	130 KIAS
	Engine Instruments	MONITOR
	At Transition Altitude (FL180)	set Altimeter to 29,92" (1013mb)
Cruise		
	Accelerate to cruise speed (6000 ft)	170-180 KIAS
	(9000 ft)	150-160 KIAS
	Cowl Flaps	CLOSED
	Fuel Quantity	CHECK
	Autopilot	CHECK and SET
	Lights	as required
	Engine Instruments	CHECK
	Mixture	LEAN
	Seat Belt	As required
Descent		
	ATIS & Airport Information	CHECK
	Seat Belts	ON
	Altimeter	CHECK
	Radios	SET
	Descent Speed	170 KIAS
	Descent Rate	-700 fpm
	Fuel Balance	CHECK
	Mixture	SET
	Cowl Flaps	CHECK CLOSED
	At Transition Altitude (FL180)	Reset Altimeter to local
Approach		
<i>Localizer Level Flight :</i>		
	Landing Lights	ON
	Propeller	HIGH RPM
	Mixture	FULL RICH
	Speed: Establish	145 KIAS
	Flaps	SET APPR
	Speed: Establish	120 KIAS
	Landing Gear	DOWN
	Turning toward runway: set flaps	FULL DOWN
<i>Final Glideslope Descent :</i>		
	Speed:- Establish	100 KIAS
	Parking Brake	VERIFY OFF
Landing		
	Landing Gear	CHECK DOWN, 3 GREEN
	Autopilot	OFF
	Wing Flaps	As Desired
	Landing Speed	95 KIAS

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
Shutdown		
	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 Sync	OFF
	Cowl Flaps	CLOSE
	Doors	OPEN
	Seat Belts	OFF