Beachcraft Baron BE-95-55

DESCENT / BEFORE APPROACH

1. Seats/Belts/Harnesses	Check
2. Fuel Selectors	MAIN
3. Fuel Quantity Selector	MAIN
4. Fuel Quantities	Check
5. Throttles	15" Minimum
6. Mixtures	Adjust During Descent
7. Flight Instruments	Set & Check
8. Radios & Navaids	Set & Check
9. Engine Instruments	Check
11. Landing Lights	ON

BEFORE LANDING

1. G as Fuel Selectors	MAIN
2. U ndercariage	DOWN (< 143 KIAS)
3. M ixtures	RICH
4. P rops	Full (Forward)

LANDING

NORMAL LANDING

1. Flaps	As Desired (<122 KIAS)
2. Final Approach Speed	90 KIAS
3. Throttles	As Required

GO AROUND

1. Throttles	**Full OPEN**
2. Propellers	**Full HIGH RPM**
3. Flaps	**Up**
4. Gear	UP
5. Cowl Flaps	As Required
6. Climb	@ 90 KIAS

AFTER LANDING

1. Flaps	UP
2. Mixtures	LEAN
3. Transponder	SBY
4. Strobes	OFF
5. Pitot Heat	OFF
6. Cabin Heat	OFF (For Cool Down)
7. Landing Lights	OFF
8. Taxi Light	ON (At Night)
9. Cowl Flaps	OPEN

ENGINE SHUTDOWN

1. Taxi Lights	OFF
2. Avionics Master Switch	OFF
3. Throttles	IDLE
4. Mixtures	IDLE CUT-OFF
5. Ignition Switches	OFF
6. All Lights Except Beacon	OFF
7. Battery & Alternators	OFF
8. Fuel Selectors	OFF

EMERGENCY PROCEDURES

Engine Out

1. Mixture / Props / Throttles	**Full**
2. Flaps / Gear	**Up**
2. Identify	Dead Foot
3. Verify	Reduce Throttle Inop Eng
4. Secure	Feather Inop Eng
A. Mixture Control	Idle Cut-Off
B. Fuel Selector	Off
C. Fuel Boost	Off
D. Mags / Start	Off
E. Gen Switch	Off
F. Cowl Flaps	Closed
6. Pitch	@ 100 KIAS Blue Line

7. Land as soon as practical

AIR START

1. Fuel Selector Valve	Main
2. Throttle	Set approx. 1/2
3. Mixture Control	Full Rich
4. Fuel Boost Pump	On
5. Magnetos	On
6. Propeller	Full Forward then back to low RPM to avoid overspeed
7. When Engine Starts	Adjust Throttle / Props / Mixtures Controls
8. Fuel Boost Pump	Off
9. Generator Switch	On
10. Oil Pressure	Check
11. Warm Up Engine	2000 Rpm
12. Set Power as required and trim	

EMERGENCY DESCENT

1. Props	2625 RPM
2. Throttle	Closed
3. Airspeed	143 KTS
4. Landing Gear	Down
5. Flaps	UP

LANDING GEAR MANUAL EXTENSION

1. LG MOTOR Circuit Breaker	Pull
2. Landing Gear Handle	Down

3. Engage Handcranck Turn 50 rotations counterclockwise then Stow Crank
4. Check Mechanical Indicator that gear is down
5. Check Electical System operation the check landing gear position light and warning horn (check LG Relay circuit breaker engaged)

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BEFORE STARTING ENGINES

1. Seats / Rudder Pedals	Set
2. Avionics Master Switch	OFF
3. Parking Brake	Set
4. Oxygen	Check
5. Circuit Breakers	IN
6. Gear Handle/Lights	Down
7. Cowl Flaps Switches	Open
8. Fuel Selector Valve	Set Main
9. Batt / Gen Switches	On

STARTING ENGINE (Start left engine)

1. Mixtures	Full RICH (Forward)
2. Throttles	OPEN ½"
3. Propellers (Forward)	Full HIGH RPM
4. Boost Pumps	ON till Fuel Press Stab
5. Brakes	Set & Hold
6. Propeller Area	**CLEAR**
7. Ignition Switch	START (Left)
8. Throttle	800-1000 RPM
9. Oil Pressure	Within Limits in 30 sec
10. Ammeter	Check
11. Repeat Steps 2-6 for Other Engine	
12. Alternator	(OFF / Check / On

AFTER START / BEFORE TAXI

1. Avionics Master Switch	ON
2. Intercom	Set
3. Mixtures	Lean
4. Engine Instruments	Check
5. Radios & Nav Aids	Set & Check
6. Flaps	Check Then 0°
7. Heading Indicator	Set
8. Altimeter	Set
9. Taxi Light	ON (Night Flight)
10. Parking Brake	Release
11. Brake check	

ENGINE RUNUP

1. Seat Belts / Harness	Check
2. Brakes	Set & Hold
3. Instruments	Check
4. Mixtures	RICH
5. Throttles	2200 RPM
6. Propellers	To Detent
7. Throttles	1700 RPM
8. Magnetos	Check* (< 200 Drop, 50 Diff)
9. Voltage Regulators	Check
10. Suction Gauge	Check
11. Engine Instruments	Check
12. Throttles	1500 RPM
13. Propellers	Cycle (RPM > 1000)
14. Throttles	IDLE;
15. Throttle Friction	Set
16. Elevator/Rudder/Aileron Trim	Set
17. Flight Controls	Free & Correct
18. Flight Instruments	Set & Check
19. Radios & Nav Aids	Set & Check
20. Transponder	TST Then ALT
21. Flaps	Set for Takeoff
22. Parking Brake	Release

Take-off Briefing

If an engine fails below 85 Kts, I will close the throttles and abort the take-off stopping straight ahead.

If an engine fails after lift-off and the gear is down, I will close the throttles and land straight a head

If an engine fails and gear is up, I will Identify dead foot, Verify bad engine throttle, Feather the bad prop. (Review the Emergency Checklist procedures as needed).

Cleared Onto the Runway

1. Cabin Door & Windows Closed & Latched	
2. Strobes	ON
3. Pitot Heat	Set
4. Landing Lights	ON
5. Mixtures Below 3000' Density Alt	RICH

TAKEOFF

NORMAL TAKEOFF

1. Flaps	10°
2. Throttle	Full OPEN
3. Engine Instruments	Cross Check
4. Rotate	@ 83 KIAS
8. Climb	@ 101 KIAS

AFTER TAKEOFF / CLIMB

1. Gear	UP
2. Flaps	UP
3. Taxi Light	OFF
4. Climb	@ 120 KIAS
5. Throttles/Propellers	25"/2500 RPM
6. Mixtures	Lean
8. Engine Instruments	Check

CRUISE

1. Throttles/Propellers	Set Power
2. Mixtures	Lean Individually
3. Engine Instruments	Check
4. Flight Instruments	Check
5. Cowl Flaps	CLOSED