

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 & Nav aids | Set & Check |
| 11. Landing Lights | ON |

BEFORE LANDING

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|-----------------------|------------------|
| 1. Gas Fuel Selectors | MAIN |
| 2. Undercarriage | DOWN (<130 KIAS) |
| 3. Mixtures | RICH |
| 4. Props | Full (Forward) |

LANDING

NORMAL LANDING

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

GO AROUND

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

AFTER LANDING (clear of RWY)

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|---------------|---------------------|
| 1. Flaps | UP |
| 2. Mixtures | LEAN |
| 3. Cabin Heat | OFF (For Cool Down) |
| 4. Ext Lights | As req |
| 5. Cowl Flaps | OPEN |
| 6. Trim tabs | Set to Zero |

SHUTDOWN

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|---------------------------|---------------|
| 1. Props | Full Forward |
| 2. Avionics Master Switch | OFF |
| 3. Throttles | Idle 1000 RPM |
| 4. Mixtures | IDLE CUT-OFF |
| 5. Ignition Switches | OFF |
| 6. Battery & Alternators | OFF |

EMERGENCY PROCEDURES

ENGINE OUT

- | | |
|------------------------------|----------------------|
| 1. Mixture/ Props/ Throttles | Full |
| 2. Flaps / Gear | Up |
| 3. Identify | Dead Foot/Dead Eng |
| 4. Verify | Throttle |
| 5. 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 Flap | Closed on Dead Eng |
| 6. Pitch | @ 100 KIAS Blue Line |
| 7. Land as soon as practical | |

AIR START

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|------------------------|--|
| 1. Fuel Selector Valve | Main |
| 2. Throttle | Set approx. 1/4 travel |
| 3. Mixture Control | Full Rich <5000', ½ > 5000' |
| 4. Magnetos | On |
| 5. Propeller | Full Forward then back to low RPM to avoid overspeed |
| 6. When Engine Starts | Adjust Throttle / Props / Mixtures Controls |
| 7. Generator Switch | On |
| 8. Oil Pressure | Check |
| 9. Warm Up Engine | 15" M.P. 2000 RPM, until CHT in green |

EMERGENCY DESCENT

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|-----------------|--------------|
| 1. Props | Full forward |
| 2. Throttle | Closed |
| 3. Airspeed | 143 KTS |
| 4. Landing Gear | Down |
| 5. Flaps | UP |

LANDING GEAR MANUAL EXTENSION

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|--------------------------------------|--|
| 1. LG MOTOR Circuit Breaker | Pull |
| 2. Landing Gear Handle | Down |
| 3. Engage Handcrank | Turn 50 rotations ccw then Stow Crank |
| 4. Check Mechanical Indicator | that gear is down |
| 5. Check Electrical System operation | then check landing gear position light and warning horn (check LG circuit breaker engaged) |
| 6. Stow handcrank | before retracting |

Beachcraft Baron BE-95-55

BEFORE STARTING ENGINES

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|--------------------------|----------|
| 1. Seats / Rudder Pedals | Set |
| 2. Avionic 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 |
| 10. Beacon | On |

STARTING ENGINE (Start left engine)

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|--------------------|-------------------------|
| 1. Mixtures | Full RICH (Forward) |
| 2. Throttles | OPEN ½" |
| 3. Propellers | Full HIGH RPM |
| 4. Boost Pumps | ON - Stabilize - OFF |
| 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 |
- Using same procedure, start other engine.

AFTER START / BEFORE TAXI

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|---------------------------|---------------|
| 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. Ext lights | As req |
| 10. Parking Brake | Release |
| 11. Brake Check | |

ENGINE RUNUP

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|--------------------------------------|-----------------------------|
| 1. Seat Belts / Harness | Check |
| 2. Brakes | Set & Hold |
| 3. Instruments | Check |
| 4. Mixtures | RICH |
| 5. Throttles | 2200 RPM |
| 6. Propellers | Exercise |
| 7. Throttles | 1700 RPM |
| 8. Magnetos | Check* (<150 Drop, 50 Diff) |
| 9. Loadmeters | Check |
| 10. Suction Gauge | Check |
| 11. Engine Instruments | Check |
| 12. Throttles | 1500 RPM |
| 13. Propellers | Feather Check |
| 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 | ALT |
| 21. Flaps | 0 |
| 22. Parking Brake | Release |

Take-off Briefing

Engine failure on runway: abort takeoff.
Engine failure after rotation, gear down:
land straight ahead.
Engine failure after rotation, gear up:
pitch for Vyse, engine out procedures.

BEFORE TAKEOFF

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|-------------------------|------------------|
| 1. Cabin Door & Windows | Closed & Latched |
| 2. Seat/Shoulder Belts | Latched |
| 3. Mixtures | RICH (<5000') |
| 4. Props | FULL |
| 5. Fuel Pumps | Verify OFF |
| 6. Flaps | Verify UP |

TAKEOFF

NORMAL TAKEOFF

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|-----------------------|---------------------|
| 1. Throttle | FULL |
| 2. Engine Instruments | Cross Check |
| 3. Rotate | 84 KIAS |
| 4. Accelerate | 101 KIAS |
| 5. Landing Gear | Retract at P.R.O.C. |

CRUISE CLIMB

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|-------------------------|---------------|
| 1. Climb | @ 120 KIAS |
| 2. Throttles/Propellers | FULL/2500 RPM |
| 3. Mixtures | Lean as Req |
| 4. 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 |
| 6. Aux Tanks | as req |

V Speeds (KIAS, sea level, max. gross weight)

Vso	66	Vx	84	Vxse	91	Vfe	113	Vsl	78
Vy	101	Vyse	100	Vle	130	Vr	84	Vmc	78
Vne	224	Vlo	130	Vg	120	Vsse	84	Va	157