



BE 55 BARON Condensed Checklist

SAFETY CHECK (READ THROUGH/DO)

1. Parking Brake SET
2. Gear/Flap Handles..... CHECKED
3. Hobbs Meter CHECKED
4. Emergency Equipment/Exit CHECKED
5. Papers..... ABOARD
6. Discrepancies..... CHECKED

COCKPIT CHECK (CHECK/REVIEW)

1. Internal/External Insp. COMPLETE
2. Controls..... RELEASE
3. Magneto Switches OFF
4. Electrical Switches..... OFF
5. Mixtures IDLE CUT-OFF
6. Battery Master ON
7. Landing Gear Indications CK
8. Fuel Quantity CHECKED
9. Battery Master..... OFF
9. Cowl Flaps OPEN
10. Circuit Breakers CHECK

BEFORE START (C/R)

1. Doors SECURE
2. Seats/Belts SECURED
3. Parking Brake SET
4. Controls..... CHECK
5. Fuel Selectors INBOARD
6. Generator ON
7. Avionics Switches..... OFF
8. Mixtures IDLE CUT-OFF
9. Battery Master ON

ENGINE START (Normal) (R/D)

1. Throttle ½ INCH OPEN
2. Prop Control MAX RPM
3. Mixture..... RICH
4. Fuel Pump ON/PRES STAB/OFF
5. Prop Area CLEAR

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| 6. Starter..... ENGAGED |
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7. Generator CHECK
 8. Vacuum Indicator..... CHECK
 9. Oil Pressure CHECK

FLOODED ENGINE START (Special)

1. Mixture..... IDLE CUT-OFF
2. Prop Area CLEAR
3. Throttle OPEN FULL
4. Magnetos ON
5. Fuel Pump OFF

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| 6. Starter ENGAGED |
| 7. Throttle RETARD |
| 8. Mixture ADVANCE SLOWLY |

HOT START (R/D)

1. Throttle FULL
 2. Mixture..... FULL
 3. Fuel Pump ON/PRES STAB/OFF
 4. Mixture..... IDLE/CUTOFF
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| 5. Starter ENGAGE |
| 6. Throttle/Mixture..... SLOWLY SWAP |

AFTER START (C/R)

1. Lights AS REQUIRED
2. Avionics Switches ON
3. Altimeters/Inst/Radios CHECKED & SET
4. Electric Trim ON and SET
6. Autopilot..... CHECKED & OFF
7. Fuel valves (all positions)..... CHECK
8. Mixture..... LEAN

TAXI Items

1. Brakes CHECKED LF/RT
2. Compass & DG's CHECKED LF/RT
3. Attitude Indicators CHECKED LF/RT
4. Turn and Bank CHECKED LF/RT

V Speeds

Cruise Climb	120KT
Approach	120KT
Short Final	90KT
Vno	183KT
Va	157KT
Vfe	113KT
Vlo and Vle	130/143KT
Vmca	80KT
Vne	224KT

RUNUP (C/R)

1. Parking Brake SET
2. Mixture RICH
3. Props FWD
4. Engine Instruments CHECK

5. Throttle 1500 RPM
6. Props...CHECK FEATHERING (500 RPM MAX)
7. Gyro Pressure (4-6 in. Hg) CHECK
8. Magnetos CHECK
9. Throttle 2300 RPM
10. PropCYCLE (300 RPM MAX)
11. Alternator Output CHECK
12. Throttle.....CHECK IDLE (600-650 RPM)
13. Throttle..... 1000 RPM

BEFORE TAKEOFF (C/R)

1. Run-Up COMPLETED
2. Fuel Selectors INBOARD
3. Fuel Quantity CHECK
4. Flaps CHECKED/SET
5. Autopilot OFF
6. Trims CHECKED
7. Pitot Heat AS REQUIRED
8. ATC Clearance AS REQUIRED
9. Flight Instruments SET
10. COM/NAV CHECKED
11. Flight Controls CHECKED
12. Doors/Windows CLOSED
13. Departure Plan COMPLETED
14. Parking Brake RELEASED

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(Review by flow before crossing hold short line)

1. Fuel INBOARD
2. Cowl Flaps OPEN
3. Transponder ON
4. Landing Lights ON
5. Trims SET

NORMAL TAKEOFF Procedure

1. Brakes APPLY and HOLD
2. Throttles 25" MAN PRES
BRAKES RELEASED, THEN ADVANCE
3. Prop Speed 2625 RPM
4. Rotate **84**
5. Accelerate To **V_{YSE}**

AFTER TAKEOFF 500' AGL (D/R)

1. Gear (ID/Verify)UP
2. Flaps (ID/Verify)UP
3. Climb Power **25/2500**
4. Mixture **LEAN AS REQUIRED**
5. Landing Lights OFF

CRUISE (D/R)

1. Fuel Selectors OUTBOARD(Aux.) FIRST
2. Instrument/Switches CHECKED & SET
3. Cruise Power 20/2300
4. Mixtures **LEAN AS REQUIRED**
5. Cowl Flap CLOSED

DESCENT AND APPROACH (D/R)

1. Altimeters SET
2. Fuel Selectors INBOARD
3. Mixtures ADJUST
4. Approach Brief COMPLETE

LANDING (C/R)

1. Landing Lights ON
2. Gear DOWN-3 GREEN
3. Mixture FULL RICH
4. Propellers FULL FWD
5. Flaps (ID/VERIFY) AS REQUIRED
6. Autopilot OFF

AFTER LANDING (D/R AFTER STOPPED AND CLEAR OF RUNWAY)

1. Flaps (ID/Verify)UP
2. Cowl Flaps OPEN
3. Heater Switch (if used) OFF
4. External Lights AS REQUIRED
5. Transponder & Radar STANDBY

SHUTDOWN (C/R)

1. Parking Brake SET
2. Throttle FULLY AFT
3. Electrical Equipment OFF
4. Avionics OFF
5. Mixture (engine 1&2) IDLE CUT-OFF
6. Magnetos OFF
7. Battery Master OFF
8. Hobbs Meter RECORDED
9. Controls SECURED
10. Aircraft TIED DOWN
11. Discrepancies NOTED