

BE-S35 BEECHCRAFT BONANZA

Quick Reference Normal Operating Checklist

For use only with an approved Beechcraft Checklist

BEFORE STARTING

1. Preflight.....Complete
2. Seat Belts.....Fasten
3. Pax Briefing.....Complete
4. All Avionics.....Off
5. Circuit Breakers.....In
6. Ldg Gear Switch.....Down
7. Flaps.....Up
8. Cowl Flaps.....Open
9. Lights.....As Required
10. Fuel Selector.....Fullest Tank
11. Alternator.....On
12. Battery Switch.....On

NOTE:

If external pwr is used the Alternator must be OFF before connecting the pwr plug.

STARTING

1. Mixture.....Full Rich
2. Propeller.....High RPM
3. Throttle.....Full Open

NOTE:

If the engine is hot, place mixture control in IDLE CUT-OFF. Aux fuel pump on for 30 to 60 seconds then off. return mixture to FULL RICH.

4. Aux Pump.....On to Prime
5. Throttle.....1/4 inch
6. Ignition.....To Start

NOTE:

Do not run Starter for more than 30 seconds in any four minute period

7. Throttle.....1000 RPM
8. Oil Pressure.....Check
9. External Power.....Disconnect
10. Alternator Switch.....On
11. Engine Gages.....Check

IF ENGINE IS FLOODED

1. Mixture.....IDLE CUT-OFF
2. Throttle.....Full Open
3. Ignition.....To Start

NOTE:

As engine fires move the mixture to FULL RICH, and the Throttle to IDLE.

BEFORE TAXI

1. Avionics.....On
2. ATIS.....Copy
3. Brakes.....Test
4. Lights.....As Required

BEFORE TAKEOFF

1. Parking Brake.....Set
2. Seat Belts/Harness.....Check
3. Avionics.....Set
4. Engine Instruments.....Check
5. Flight Instruments.....Set
6. Ammeter.....Check
7. Aux Fuel Pump.....Off
8. Mixture.....Rich
9. Throttle.....1700 RPM
10. Propeller.....Exercise
11. Magnetos.....Check Lt. and Rt.
12. Vacuum Pressure.....Check
13. Throttle.....1000 RPM
14. Trim.....Set
15. Flaps.....Check, and Set
16. Flight Controls.....Check
17. Door.....Latched and Secure
18. Windows.....Check Latched
19. Seats.....Erect
20. Pitot Heat.....As Required
21. Transponder.....On Alt
22. Brakes.....Release

TAKEOFF

1. Wing Flaps.....Up
2. Propeller.....Full Increase
3. Throttle.....Full Power
4. Airspeed.....Rotate at 70 MPH

CLIMB

1. Landing Gear.....Up
2. Climb Pwr.....25"- 2500 RPM
3. Vx Climb.....87 MPH
4. Vy Climb.....110 MPH
5. Cruise Climb.....120 MPH
6. Engine Temps.....Monitor
7. Mixture.....As Required
8. Cowl Flaps.....As Required
9. Landing Light.....Off

NOTE:

As altitude increases throttle must be increased to maintain Manifold Pressure. Use the altitude markings on the Fuel Flow indicator to manage the proper fuel air Mixture.

CRUISE

1. Cowl Flaps.....As Required
2. Power.....Set as per POH
3. Mixture.....Adjust
4. Trim.....Adjust

DESCENT

1. Power.....As Required

NOTE:

Reduce power slowly so as to not shock cool the cylinders

2. Mixture.....Adjust
3. ATIS.....Receive and Copy
4. Cowl Flaps.....Closed

BEFORE LANDING

1. Seat Belts.....Check
2. Fuel Selector.....Fullest Tank
3. Cowl Flaps.....As Required
4. Mixture.....As Required
5. Landing Gear Down - 167 MPH
6. Flaps...As Required - 135 MPH
7. Propeller.....High RPM
8. Normal App.....90 MPH
9. Short App.....78 MPH

AFTER LANDING

1. Cowl Flaps.....Open
2. Flaps.....Up
3. Transponder.....Standby

SHUTDOWN

1. Avionics.....Off
2. Electrical Equipment.....Off
3. Throttle.....1000 RPM
4. Mixture.....IDLE CUT-OFF
5. Magnetos.....Off
6. Battery Switch.....Off
7. Alternator Switch.....Off
8. Hobbs Time.....Record
9. Tie Downs.....As Required

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REMEMBER TO CLOSE YOUR VFR FLIGHT PLAN!