

BE-S35 BEECHCRAFT BONANZA

Quick Reference Emergency Checklist

For use only with an approved Beechcraft Checklist

ENGINE FAILURE

During Takeoff Ground Roll:

1. Throttle.....Closed
2. Brakes.....Apply
3. Fuel Selector Valve.....Off
4. Magnetos.....Off
5. Master Switch.....Off

After Liftoff Initial Climb:

1. Airspeed.....122 MPH
2. Landing Gear.....Down

NOTE:

If possible land straight ahead, or maneuver away from obstacles.

3. Brakes.....Apply
4. Fuel Selector Valve.....Off
5. Magnetos.....Off
6. Master Switch.....Off

* ENGINE FAILURE

During Flight:

1. Airspeed.....122 MPH
2. Landing Site.....Select
3. Fuel Selector.....Fullest Tank
4. Mixture.....Rich
5. Aux Fuel Pump.....On
6. Mags.....Check Lt/Rt or Both

NOTE:

Most engine failures occur due to loss of Fuel Flow, Improper Ignition, or Carburetor Icing

IF ENGINE DOESN'T RESTART

7. Communicate.....Advise ATC
8. Transponder.....Squawk 7700
9. Passengers.....Brief

* FORCED LANDINGS

1. Airspeed.....122 MPH
2. Propeller.....Pull for LOW RPM
3. Fuel Selector Valve.....Off
4. Aux Fuel Pump.....Off
5. Mixture.....Idle Cut-Off
6. Flaps.....Down
7. Landing Gear.....As Required
8. Battery Switch.....Off
9. Alternator Switch.....Off
10. Magnetos.....Off
11. Door.....Unlatch

12. Airspeed on Final.....90 MPH

ENGINE FIRE IN FLIGHT

1. Vent Shutoff Valve.....Pull
2. Mixture.....Idle Cut-Off
3. Fuel Selector.....Off
4. Battery Switch.....Off
5. Alternator Switch.....Off
6. Magnetos.....Off
7. Airspeed.....122 MPH
8. Fire Extinguisher.....As Required

ELECTRICAL FIRE

1. BAT/ALT.....Off
2. All Electrical Switches.....Off

NOTE:

Electrically driven flight instruments will become inoperative.

3. Vent Shutoff Valve.....Poll
4. Fire Extinguisher.....As Required
5. BAT/ALT.....On
6. Electrical Equipment.....On

NOTE:

Turn on electrical equipment one at a time to isolate defective equipment.

SYSTEM EMERGENCIES

Alternator out Procedure:

1. Nonessential Equipment.....Off
2. Alternator Switch.....Off then On
3. Ammeter.....Note
4. Over Voltage Light.....Check Off
5. Alternator Switch.....Back On

IF LIGHT COMES ON AGAIN

6. Land Aircraft.....ASAP

Propeller Overspeed:

1. Throttle.....Idle
2. Airspeed.....Reduce
3. Oil Pressure.....Check
4. Land Aircraft.....ASAP

MANUAL EXTENSION

1. Airspeed.....Reduce
2. Landing Gear CB.....Pull
3. Landing Gear Switch.....Down
4. Handcrank Cover.....Remove
5. Handcrank.....Engage (50 turns)
6. Landing Gear Lights.....Down

7. Mechanical Indicator.....Down
8. Handcrank.....Disengage & Stow

EMERGENCY DESCENT

1. Throttle.....Idle
2. Propeller.....Full Increase
3. Landing Gear.....Down
4. Airspeed.....167 MPH

BEST GLIDE CONF.

1. Landing Gear.....Up
2. Flaps.....Up
3. Cowl Flaps.....Close
4. Propeller.....Pull for LOW RPM
5. Airspeed.....122 MPH

V-SPEEDS:

Vso.....	60 MPH
Vs1.....	73 MPH
Vx.....	87 MPH
Vy.....	110 MPH
Vfe.....	135 MPH
Vlo.....	167 MPH
Vle.....	167 MPH
Va.....	154 MPH
Vno.....	192 MPH
Vne.....	227 MPH
Balked Landing.....	80 MPH
Best Glide.....	122 MPH
Max X-Wind.....	20 MPH

WEIGHT INFORMATION

Gross Weight.....	3312 lbs
B. E. W.....	2097 lbs
Useful Load.....	1215 lbs

POWER SETTINGS

Takeoff.....	Full Power
Climb.....25' MP -	2500 RPM
Cruise.....23' MP -	2400 RPM
Descent...17' MP -	2400 RPM
Nonprecision App.....	15' MP
Precision App.....	18' MP

FOR EXPANDED EMERGENCY PROCEDURES REFER TO THE POH.

