

BEECHCRAFT 95 TRAVEL AIR NORMAL CHECKLISTS

BEFORE START CHECKLIST

- Preflight & Passenger Briefing Complete
- Cell Phones Off
- Seats / Belts Adjusted & Locked
- Landing Gear Switch Down
- Battery and Generator Master Switches On
- Circuit Breakers Check
- Brakes Test
- Cowl Flaps Open
- Fuel Selector Valve Main Tanks
- Carburetor Heat Off

STARTING ENGINE CHECKLIST

- Propeller High RPM
- Mixture 1/4 Open to top of First Screw
- Fuel Boost Pump On for engine to be started
- Prime Advance Throttle 3x (cold) 1x (hot)
- Left Magneto Switch On for engine to be started
- Starter Engage
- Throttle 800-1000 RPM
- Right Magneto Switch On
- Fuel Boost Pump Off—Check fuel pressure
- Engine Instruments Check normal
- Engine #2 Start

AFTER START CHECKLIST

- ATIS Obtain
- Altimeter Set
- Heading Indicator Set
- Transponder STBY

TAXI CHECKLIST

- Brakes Test
- Turn Coordinator, Attitude Indicator, HI Operating

BEFORE TAKEOFF CHECKLIST

- Cabin Doors Closed & Locked
- Flight Instruments Set & Checked
- Flight Controls Free & Correct
- Fuel Selectors Main Tank
- Elevator Trim and Rudder Trim Takeoff
- Mixture Bottom of Second Screw
- Throttle 2200 RPM
 - Propellers Cycle (Do NOT Feather)
 - Magnetos Check (125 RPM Max Drop)
 - Carburetor Heat Check
 - Vacuum Check
 - Pitot Heat Check On (Load Meter Rise) then Off
 - Throttle Idle
 - Mixture Set to top of First Screw
- Radios Set
- Throttle Friction Lock Adjust
- Wing Flaps 0°-20°

----- CLEARED FOR TAKEOFF -----

- Departure Time Record
- Instruments Check
- Transponder ALT
- Nose Light On
- Fuel Boost Pumps On
- Mixtures Rich

NORMAL TAKEOFF

- Wing Flaps 0°-20°
- Power Full Throttle 2700 RPM
- Mixture Rich
- Elevator Control Lift nose wheel at 78 KIAS minimum
- Climb Speed 87–91 KIAS (Vyse-Vy) to 500 Feet
- Brakes Apply momentarily when airborne
- Landing Gear Retract

BEECHCRAFT 95 TRAVEL AIR NORMAL CHECKLISTS

INITIAL POWER REDUCTION

Above 500 Ft. AGL

- Throttles 24-25" MP
- Propellers 2400-2500 RPM
- Mixture Adjust
- Fuel Indicator Switch Aux
- Fuel Selector Aux
- Fuel Pumps Off one at a time

ENROUTE CLIMB

- Airspeed 123 KIAS
- Throttle 24-25" or Full Throttle & 2400-2500 RPM
- Mixture Lean to 50° rich of peak EGT
- Cowl Flaps Open

CRUISE

- Throttle 23" MP
- Propeller 2300 RPM
- Mixture Lean to 25° rich of peak EGT
- Cowl Flaps Closed
- Rudder Trim Adjust
- Elevator Trim Adjust
- Landing Light Off

DESCENT CHECKLIST

- Seats & Belts Secure
- Fuel Selectors Main Tank
- Mixtures Enrich
- Cowl Flaps Closed
- Landing Gear As Required
- Amp / Temps / Fuel / Vac Green

BEFORE LANDING CHECKLIST

- Fuel Boost Pumps On
- Fuel Indicator Switches Main Tank
- Fuel Selectors Main Tank
- Landing Light On
- Seat Belts / Harnesses On
- Mixture Adjust
- Propellers High RPM
- Landing Gear Extend below 130 KIAS
- Normal Approach Blue Line minimum until landing assured

GO AROUND

- Power Full Throttle
- Wing Flaps 20°
- Landing Gear Up
- Wing Flaps Up
- Cowl Flaps Open
- ATC Advise

AFTER LANDING CHECKLIST

- Transponder STBY / OFF
- Wing Flaps Up
- Elevator Trim Takeoff
- Mixture Lean to top of First Screw
- Fuel Boost Pumps Off
- Cowl Flaps Open
- Exterior Lights As Required

PARKING CHECKLIST

- Avionics Off
- Panel Lights Off
- Mixture Idle Cutoff
- Master Switch Off
- Magneto Switches Off
- Hobbs / Tach Time Record
- Cell Phones On

BEECHCRAFT 95 TRAVEL AIR EMERGENCY CHECKLIST

*FLY THE AIRPLANE – SILENCE THE WARNING –
CONFIRM THE EMERGENCY*

ENGINE FAILURE DURING TAKEOFF

- Throttles (if prior to Vmc)..... Idle
- Brakes Apply
- Wing Flaps Retract
- ATC Advise
- Exit Runway**
- Engine Troubleshoot

ENGINE FAILURE AFTER TAKEOFF

- Airspeed Vyse 87 KIAS
- Mixtures Rich
- Propellers High RPM
- Throttles Full Forward
- Landing Gear Up
- Wing Flaps Up
- Dead Engine Identify
..... Verify
..... Fix or Feather
- ATC Advise
- SECURE INOPERATIVE ENGINE

ENGINE FAILURE IN FLIGHT

- Mixtures Rich
- Propellers High RPM
- Throttles Full Forward
- Landing Gear Up
- Wing Flaps Up
- Dead Engine Identify
..... Verify
..... Fix or Feather

If unable to restart engine:

- SECURE INOPERATIVE ENGINE

SECURE INOPERATIVE ENGINE

- Fuel Selector..... Off
- Mixture Idle Cutoff
- Auxiliary Boost Pump Off
- Magneto Switches Off
- Generator..... Off
- Cowl Flaps Closed
- REVIEW CHECKLIST

RESTARTING FEATHERED ENGINE

- Fuel Selector Valve..... Main or Aux
- Fuel Pump..... On
- Throttle..... 1/4" Open
- Magnetos On
- Propeller..... High RPM
- Mixture Rich
- Throttle..... Reduce to Idle
- Fuel Pump..... Off
- Generator..... On

ENGINE FIRE

On Ground:

- Fuel Pumps Off
- Mixtures Idle Cutoff
- Magnetos Off
- Fire Extinguisher..... Obtain
- Airplane Evacuate
- Fire Extinguish

In Flight :

- Fuel Selector Valve Off
- Mixture Control Idle Cutoff
- Propeller Feather
- Fuel Pump Off
- Magnetos Off
- Generator Switch..... Off
- ATC Advise
- LAND AT NEAREST SUITABLE AIRPORT

ELECTRICAL FIRE IN FLIGHT

- Master Switch Off
- All Individual Electric Switches Off
- Vents / Cabin Air / Heat Closed
- Fire Extinguisher Activate
- If fire appears out and electrics needed:
 - Master Switch..... On
 - Circuit Breakers..... Check
 - Electrical Switches On 1 at a time
- Vents / Cabin Air / Heat Open
- ATC Advise

CABIN FIRE

- Master Switch Off
- Vents / Cabin Air / Heat Closed
- ATC Advise
- LAND AT NEAREST SUITABLE AIRPORT

WING FIRE

- Navigation Light Switch Off
- Pitot Heat Switch Off
- Perform a sideslip to keep flames away from the fuel tank and cabin.
- LAND AT NEAREST SUITABLE AIRPORT

BEECHCRAFT 95 TRAVEL AIR EMERGENCY CHECKLIST

*FLY THE AIRPLANE – SILENCE THE WARNING –
CONFIRM THE EMERGENCY*

GENERATOR-LOW VOLTAGE

- Generator Off
- Non-essential Electrical Equipment..... Off
- LAND AT NEAREST SUITABLE AIRPORT

GENERATOR-HIGH VOLTAGE

- Master Switch Cycle OFF then ON
- Load Meters..... Check
- If over-voltage light illuminates again:**
- LAND AT NEAREST SUITABLE AIRPORT

LANDING GEAR FAILS TO RETRACT

- Master Switch On
- Landing Gear Lever Check Up
- Landing Gear and Gear Ind. CB's Check In
- Gear Up Light Check
- Landing Gear Lever..... Recycle
- Gear Motor Check operation (ammeter)

GEAR EXTENSION TROUBLESHOOTING

- Master Switch..... On
- Landing Gear and Gear Ind. CB's Check In
- Landing Gear Lever..... Recycle
- Gear Motor Check operation (ammeter)

LANDING GEAR FAILS TO EXTEND

- Landing Gear Circuit Breaker Pulled
 - Landing Gear Switch Down
 - Safety boot Remove
 - Landing Gear Handcrank Counter-clockwise
 - Mechanical Indicator..... Check gear down
 - If electrical system is operative:**
 - Gear Position Light Check Down
 - Gear Warning Horn..... Check Off
- DO NOT RETRACT GEAR MANUALLY

GEAR UP LANDING

- Landing Gear Lever Up
- Landing Gear Circuit Breaker In
- Radio and Electrical Switches Off
- Wing Flaps Full on final
- Airspeed..... Blue line until landing assured
- Below 500 feet**
- Mixtures Idle Cutoff
- Master Switch Off
- Magneto Switches Off
- Fuel Selector Valves..... Off
- Cabin Door..... Unlatch
- Touchdown Slightly Tail Low
- Airplane..... Evacuate

SINGLE ENGINE GO-AROUND

- Throttles Full Forward
- Carburetor Heat Cold
- Landing Gear Up
- Cowl Flaps (operating engine)..... Open
- Wing Flaps Up
- Trim..... Adjust
- Airspeed Vyse 87 KIAS

FLIGHT INTO ICING CONDITIONS

- Pitot Heat On
- Alternate Static Air On
- Cabin Heat Off
- Direction and / or Altitude..... Change
- ATC Advise

AIRSPEEDS FOR EMERGENCY OPERATION

- Vyse 87 KIAS
- Vxse 77 KIAS
- Vmca 73 KIAS
- Vle 130 KIAS
- Maneuvering Speed
 - 4000 Lbs 139 KIAS
- Maximum Glide
 - 20 Kt Tailwind 96 KIAS
 - 0 wind 102 KIAS
 - 20 Kt Headwind 107 KIAS