

Piper Cherokee 180

Emergency Aircraft Checklist



Failure During Takeoff

Airspeed.....80MPH
 Fuel Selector.....Fulllest Tank
 Fuel Pump.....On
 Mixture.....Rich
 Carb. Heat.....On
 Engine Gauges.....Check
 Primer.....In and Locked
 Master Switch.....On
 Ignition.....On

IF NO RESTART.

Go To "Power Off Landing"

Electrical Fire

Master Switch.....Off
 Alternator Switch.....Off
 Cabin and Vents.....Closed
 Cabin Heat.....Off
 Land.....A.S.A.P.

Power Off Landing

Airspeed.....80MPH
 Landing Location.....Locate
 Radio.....Mayday 121.5
 ELT.....On
 Squawk.....7700
 Seat Belts.....Secure
WHEN LANDING IS PLANNED.
 Mixture.....Cut-Off
 Fuel Selector.....Off
 Ignition.....Off
 Master Switch.....Off
 Flaps.....As Req.
 Fuel Selector.....Fulllest Tank
 Door.....Unlatched

Failure in Flight

Airspeed.....80MPH
 Landing Location.....Locate
 Fuel Selector.....Fulllest Tank
 Fuel Pump.....On
 Mixture.....Rich
 Carb. Heat.....On
 Engine Gauges.....Check
 Primer.....In and Locked

IF NO FUEL PRESSURE.

Fuel Tank.....Verify has Fuel

IF POWER IS RESTORED.

Carb. Heat.....Off
 Fuel Pump.....Off

IF NO RESTART.

Go To "Power Off Landing"

Fire During Start

Starter.....Crank Engine
 Mixture.....Idle Cut-Off
 Throttle.....Open
 Fuel Pump.....Off
 Fuel Selector.....Off
 If Fire Continues.....EVACUATE

Spin Recovery

Throttle.....Idle
 Ailerons.....Neutral
 Rudder.....Full Opposite
 Yoke.....Forward
ONCE ROTATION STOPS.
 Rudder.....Neutral
 Yoke.....As Req.

Alternator Failure

Circuit Breakers.....Check
 Alternator Switch.....Off
 Wait.....5 Seconds
 Alternator Switch.....On
IF NO OUTPUT.
 Alternator Switch.....Off
 Electrical Load.....Reduce

Engine Fire In-Flight

Fuel Selector.....Off
 Throttle.....Closed
 Mixture.....Idle
 Fuel Pump.....Off
 Heater.....Off
 Defroster.....Off
 Airspeed.....130MPH
 Go To "Power Off Landing"

Loss of Fuel Pressure

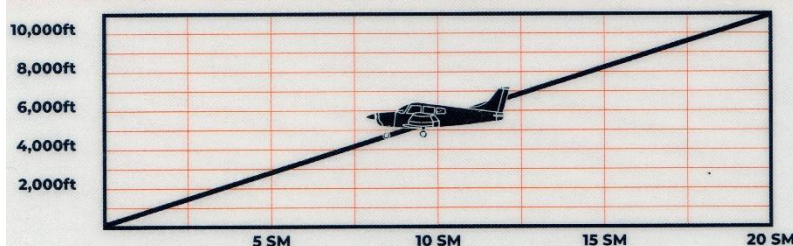
Fuel Pump.....On
 Fuel Selector.....Fulllest Tank

Engine Roughness

Carb. Heat.....On
IF ROUGHNESS PERSISTS >1 MIN.
 Carb. Heat.....Off
 Mixture.....Adjust as Req.
 Fuel Pump.....On
 Fuel Selector.....Switch Tank
 Engine Gauges.....Check
 Magneto.....Left—Right—Both
CONTINUE ON BEST MAGNETO.
 Land.....A.S.A.P.

This checklist is derived from Piper Cherokee 180D POH. PIC is responsible to reference POH, FAR/AIM etc.
 The PIC is responsible for compliance with laws and best practices.

Glide Ratio at a Glance 9:1



Speed: 80 MPH
 Flaps: Up

Weight: 2400 LBS
 Wind: 0 Knots

Regular Procedures on Other Side