

Piper Arrow IV

Emergency Aircraft Checklist



Failure During Takeoff

Airspeed.....79KIAS
 Fuel Selector.....Fullst Tank
 Fuel Pump.....On
 Mixture.....Rich
 Carb. Heat.....On
 Engine Gauges.....Check
 Master Switch.....On
 Ignition.....On

IF NO RESTART.

Go To "Power Off Landing"

Electrical Fire

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

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.

Gear Up Landing

Gear Lock.....OVERRIDE
 ENGAGED before 105KIAS
 Throttle.....Closed
 Master/Switches.....OFF
 Fuel.....OFF
 Mixture.....OFF
 Flaps.....Full

Failure in Flight

Airspeed.....79KIAS
 Landing Location.....Locate
 Fuel Selector.....Fullst Tank
 Fuel Pump.....On
 Mixture.....Rich
 Carb. Heat.....On
 Engine Gauges.....Check

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

Alternator Failure

Circuit Breakers.....Check
 Alternator Switch.....Off/On 1 sec
 Alternator Switch.....On
IF NO OUTPUT.
 Alternator Switch.....Off
 Electrical Load.....Reduce

Emergency Gear Ext.

Master-On. Circuits-Check. Panel Lights-Off.
 Gear Indicator-Check. Airspeed<87. Gear
 selector-DOWN. IF failed-OVERRIDE ENGAGED.
 IF Failed-EMERGENCY DOWN. Yaw side to side
 w/rudder.

Propeller Overspeed

Throttle.....Retard
 Oil Pressure.....Check
 Prop Control.....Decrease-Set
 Airspeed.....Reduce
 Throttle.....<2700

Engine Fire In-Flight

Fuel Selector.....Off
 Throttle.....Closed
 Mixture.....Idle
 Fuel Pump.....Off
 Heater.....Off
 Defroster.....Off
 Airspeed.....120KIAS
 Go To "Power Off Landing"

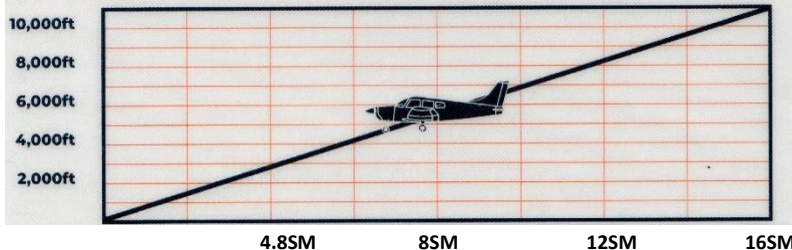
Power Off Landing

Airspeed.....79KIAS
 Landing Location.....Locate
 Radio.....Mayday 121.5
 ELT.....On
 Squawk.....7700
 Seat Belts.....Secure
WHEN LANDING IS PLANNED
 Determine Gear up or Down.
 Mixture.....Cut-Off
 Fuel Selector.....Off
 Ignition & Master.....Off
 Flaps.....As Req.
 Door.....Unlatched

Loss of Fuel Pressure

Fuel Pump.....On
 Fuel Selector.....Fullst Tank

Glide Ratio at a Glance (1.6sm/1,000ft altitude)



Flaps/Gear:	Speed:
Up	79 KIAS
Wind:	Weight:
0 Knots	2750 LBS

This checklist is derived from Piper Arrow IV
 PA28RT-201 POH. PIC is responsible to reference
 POH, FAR/AIM etc. The PIC is responsible for
 compliance with laws and best practices.

Regular Procedures on Other Side