

# PA-28R-200 PIPER ARROW

## Quick Reference Emergency Checklist

For use only with an approved Piper 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.....105 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.....105 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
7. Alternate Air.....On

**NOTE:**

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

#### IF ENGINE DOESN'T RESTART

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

### \* FORCED LANDINGS

1. Airspeed.....105 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. Magnetos.....Off
9. Door.....Unlatch
10. Master Switch.....Off
11. Airspeed on Final.....90 MPH

### ENGINE FIRE IN FLIGHT

1. Fuel Selector.....Off
2. Throttle.....Closed
3. Mixture.....Idle Cut-Off
4. Heater.....Off
5. Defroster.....Off
6. Magnetos.....Off
7. Airspeed.....105 MPH
8. Fire Extinguisher.....As Required

### ELECTRICAL FIRE

1. Master Switch.....Off
2. All Electrical Switches.....Off

**NOTE:**

Electrically driven flight instruments will become inoperative.

3. Vents.....Open
4. Cabin Heat.....Off
5. Fire Extinguisher.....As Required
6. Land Aircraft.....ASAP

### SYSTEM EMERGENCIES

#### Alternator out Procedure:

1. Nonessential Equipment.....Off
2. Alternator CB.....Check
3. Alternator Switch.....Off then On
4. Ammeter.....Note
5. Land Aircraft.....ASAP

#### Propeller Overspeed:

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

### MANUAL EXTENSION

1. Airspeed.....Below 100 MPH
2. Landing Gear Switch.....Down
3. Emergency Gear Lever.....Down
4. Gear Lights.....Three Green

**NOTE:**

If it becomes necessary, yaw the aircraft to ensure the gear is securely locked.

### 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. Propeller.....Pull for LOW RPM
4. Airspeed.....105 MPH

### V-SPEEDS:

- Vso.....64 MPH  
 Vs1.....71 MPH  
 Vx - Gear Up.....96 MPH  
       - Gear Down.....85 MPH  
 Vy - Gear Up.....100 MPH  
       - Gear Down.....95 MPH  
 Vfe.....125 MPH  
 Vlo.....125 MPH  
 Vle.....150 MPH  
 Va.....131 MPH  
 Vno.....170 MPH  
 Vne.....214 MPH  
 Bailed Landing.....85 MPH  
 Best Glide.....105 MPH  
 Max X-Wind.....20 MPH

### WEIGHT INFORMATION

- Gross Weight.....2650 lbs  
 B. E. W.....1615 lbs  
 Useful Load.....1035 lbs

### POWER SETTINGS

- Takeoff.....Full Power  
 Climb.....25' MP - 2500 RPM  
 Cruise.....24' MP - 2400 RPM  
 Descent.....17' MP - 2400 RPM  
 Nonprecision App.....15' MP  
 Precision App.....17' MP

### FUEL INFORMATION

- Total Fuel Capacity.....50 Gals  
 Usable Fuel.....48 Gals  
 Approx Gals/Hr.....12 GPH

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FOR EXPANDED EMERGENCY PROCEDURES REFER TO THE POH.