

**PA-44 EMERGENCY PROCEDURES CHECKLIST**

**V/R FIRE DURING ENGINE START**

Ignition.....CONTINUE CRANKING  
 If Engine Does Start:.....KEEP RUNNING  
 Engine.....OFF  
 Fuel Selector Valve.....CUT OFF  
 Mixture.....CUT OFF  
 If Engine Does Not Start:  
 Mixture.....CUT OFF  
 Throttle.....FULL  
 Starter.....CONTINUE CRANKING  
 Fire.....EXTINGUISH  
 Checklist.....COMPLETE

**V/R ENGINE FIRE IN FLIGHT**

Affected Engine:  
 Fuel Selector Valve.....OFF  
 Mixture.....CUT OFF  
 Prop.....FEATHER  
 Throttle.....CLOSE  
 Fuel Pump.....OFF  
 Cowl Flap.....OPEN  
 Land.....ASAP  
 Checklist.....COMPLETE

**V/R GEAR UP LANDING**

Approach Speed.....NORMAL  
 Flaps.....UP  
 Throttles.....CLOSE PRIOR TO TOUCHDOWN  
 Master Switch.....OFF  
 Magnets.....OFF  
 Fuel Selector Valves.....OFF  
 Land.....MINIMUM AIRSPEED  
 Checklist.....COMPLETE

**V/R EMERGENCY EXIT**

Plastic Cover.....REMOVE  
 Handle.....PULL FORWARD  
 Window.....PUSH OUT  
 Checklist.....COMPLETE

**PA-44 ABNORMAL PROCEDURES CHECKLIST**

**V/R MANUAL EXTENSION OF GEAR**

Circuit Breakers.....CHECKED  
 Master Switch.....ON  
 Alternators.....CHECKED  
 Navigation Lights (daytime).....OFF  
 Airspeed.....100 KIAS MAX  
 Gear Selector.....DOWN  
 Gear Extension Knob.....PULL  
 Indicator lights.....3 GREEN  
 Gear Extension Knob.....LEAVE OUT  
 Checklist.....COMPLETE

**V/R GYRO SUCTION FAILURE**  
 (Suction Below 4.5 in. Hg.)

Props.....INCREASE TO 2700 RPM  
 Altitude.....DESCEND TO MAINTAIN 4.5 in. Hg.  
 Checklist.....COMPLETE

**V/R ELECTRICAL FAILURES**

ALT Annunciator Light Illuminated.....DETERMINE INOP ALT(S)  
 If One Ammeter Shows Zero:  
 Inop Alternator.....OFF  
 Electrical Load.....REDUCE  
 Alternator Circuit Breaker.....CHECK & RESET  
 Inop Alternator.....ON  
 If Power Is Not Restored:  
 Inop Alternator.....OFF  
 Electrical Load.....RE-ESTABLISH  
 If Both Ammeters Show Zero:  
 Both Alternators.....OFF  
 Electrical Load.....REDUCE  
 Alternator Circuit Breakers.....CHECK & RESET  
 Alternators.....ON ONE AT A TIME  
 Low Load Alternator.....ON  
 High Load Alternator.....OFF  
 Electrical Load.....RE-ESTABLISH  
 If Alternator Outputs Are Not Restored:  
 Alternators.....OFF  
 Electrical Load.....REDUCE  
 Land.....ASAP  
 Checklist.....COMPLETE

**PA-44 ABNORMAL PROCEDURES CHECKLIST**

**V/R ELECTRICAL OVERLOADS**

Electrical Load.....REDUCE  
 If Alternator Loads Not Reduced:  
 Alternators.....OFF  
 Land.....ASAP  
 Checklist.....COMPLETE

**V/R PROP OVERSPEED**

Throttle.....RETARD  
 Oil Pressure.....CHECK  
 Prop.....FULL DECREASE RPM, SET IF CONTROL AVAILABLE  
 Airspeed.....REDUCE  
 Throttle.....AS REQUIRED TO REMAIN BELOW 2700 RPM  
 Checklist.....COMPLETE

**V/R OPEN DOOR IN FLIGHT**  
 (Entry Door Only)

To Close Door:  
 Airspeed.....BELOW 82 KIAS  
 Cabin Vents.....CLOSE  
 Storm Window.....OPEN  
 If Upper Latch Is Open.....LATCH  
 If Side Latch Is Open.....PULL ON ARMREST WHILE LATCHING  
 If Both Latches Are Open.....LATCH SIDE LATCH THEN TOP LATCH  
 Checklist.....COMPLETE