

- ELECTRICAL POWER SUPPLY SYSTEM MALFUNCTIONS -

- AMMETER SHOWS EXCESSIVE RATE OF CHARGE (Full Scale Deflection) -

Alternator OFF
Alternator Circuit Breaker PULL
Nonessential Electrical Equipment OFF
Flight LAND ASAP

- LOW-VOLT LIGHT ILLUMINATES DURING FLIGHT (Ammeter shows discharge) -

Avionics Power Switch OFF
Alternator Circuit Breaker CHECK IN
Master Switch OFF
Master Switch ON
Low-Voltage Light CHECK OFF
Avionics Power Switch ON

If low-voltage light illuminates again

Alternator OFF
Nonessential Radio & Electrical Equip OFF
Flight LAND ASAP

NOTE: Illumination of low-voltage light may occur during low RPM conditions with an electrical load on the system such as during a low RPM taxi. Under these conditions, the light will go out at higher RPM. The master switch need not be recycled since an over-voltage condition has not occurred to de-activate the alternator system.

- STATIC SOURCE BLOCKAGE -

Static Pressure Alt Source Valve FULL ON
Cabin Heat & Air ON
Vents CLOSED
Airspeed CONSULT CALIBRATION TABLES

- SPIN RECOVERY -

Power IDLE
Ailerons NEUTRAL
Rudder FULL OPPOSITE
Elevator BRISKLY FORWARD
Return to desired altitude, attitude, airspeed, & heading

Vr: 55 kts
Vx: 65 kts
Vy: 72 kts
Vg: 68 kts
Va @2550lbs: 105 kts
Va @1900lbs: 90 kts
Vs0: 40 kts
Vs1: 48 kts
Vno: 129 kts
Vne: 163 kts

SPRINGS AVIATION

CESSNA 172R 180HP
N9550G
EMERGENCY PROCEDURES CHECKLIST

- ENGINE FAILURES -

- DURING TAKEOFF ROLL -

Throttle IDLE
Brakes APPLY
Wing Flaps RETRACT
Mixture IDLE CUTOFF
Ignition Switch OFF
Master Switch OFF

- IMMEDIATELY AFTER TAKEOFF -

Airspeed 68 KIAS (flaps up)
. 60 KIAS (flaps down)
Mixture IDLE CUTOFF
Fuel Shutoff Valve OFF (Pull Full Out)
Ignition Switch OFF
Wing Flaps AS REQUIRED
Master Switch OFF

- DURING FLIGHT (RESTART PROCEDURES) -

Airspeed 68 KIAS
Fuel Shutoff Valve ON (push full in)
Fuel Selector Valve BOTH
Auxiliary Fuel Pump ON
Mixture RICH (or set for alt)
Ignition Switch BOTH
. (or start if prop is stopped)

