



ABNORMAL CHECKLIST C172R

ELECTRICAL FAULTS

ELECTRICAL DISCHARGE IN-FLIGHT

(Ammeter indicates discharge / VOLTS illuminates)

- AVIONICS MASTER SWITCH..... OFF
- ALT FLD Alternator Circuit Breaker CHECK IN
- MASTER SWITCH (both sides) OFF
- MASTER SWITCH (both sides) ON
- LOW VOLTS Annunciator CHECK OFF
- AMMETER / VOLTAGE CHECKED

- IF LOW VOLTS ANNUNCIATOR ILLUMINATES AGAIN -

- ALTERNATOR (left side only of Master Switch only)..... OFF
- ALL NON-ESSENTIAL ELECTRICAL LOAD..... OFF
- BATTERY VOLTAGE MONITOR
- TERMINATE FLIGHT AS SOON AS POSSIBLE

EXCESSIVE ELECTRICAL CHARGE IN-FLIGHT

(excessive charge on Ammeter)

- ALTERNATOR (left side of the Master Switch only) OFF
- ALL NON-ESSENTIAL ELECTRICAL LOAD..... OFF
- BATTERY VOLTAGE MONITOR CONTINUOUSLY
- TERMINATE FLIGHT AS SOON AS POSSIBLE

INSTRUMENT AND VACUUM FAULTS

LOW VACUUM INDICATION / VACUUM FAILURE

- ANNUNCIATOR PANEL VACUUM LIGHTS.....CHECK
- ENGINE RPM INCREASE
- ALTITUDE..... (if possible) DESCEND
- VACUUM GAUGE(4.5” – 5.5” hg) MONITOR

ERRONEOUS AIRSPEED / ALT / VSI INDICATIONS

- ALTERNATE STATIC SOURCEON
- PITOT HEAT (as required) ON

LANDING GEAR AND TIRES

LANDING WITH A FLAT NOSE TIRE

- BEFORE LANDING CHECKLIST EXECUTE
- TOUCHDOWN ON MAIN WHEELS ONLY
- NOSEWHEEL..... HOLD OFF THE GROUND
- AFTER NOSEWHEEL TOUCHDOWN..... YOKE FULL AFT

LANDING WITH A FLAT MAIN TIRE

- BEFORE LANDING CHECKLIST EXECUTE
- FLAPS 30°
- RUNWAY SELECTION ... CROSSWIND OPPOSITE FLAT TIRE
- TOUCHDOWN POINT.....RWY SIDE OPPOSITE FLAT TIRE
- TOUCHDOWNINFLATED TIRE FIRST
- NOSEWHEEL..... LOWER IMMEDIATELY
- AILERON. (as required) LIGHTEN LOAD ON DEFECTIVE TIRE