

EMERGENCY CHECKLIST

Commander 114 D-EMHL

ENGINE FAILURE

1. Speed 74/82 KNOTS
2. Open terrain..... LOCATE
3. Induct air..... HOT
4. Mixture..... FULL RICH
5. Fuel selector FULLEST TANK
6. Fuel pump..... ON
7. Magnetos..... CHECKED
8. Emergency message 121.5/PRESENT
9. Transponder 7700
10. ELT ON

ABNORMAL PROCEDURES

FLOODED START

1. Mixture..... IDLE CUT-OFF
 2. Propeller HIGH RPM
 3. Throttle FULL OPEN
 4. Alternate Induction Air Control COLD
 5. 5.Master Switch..... ON
 6. Ignition Switch START then BOTH
- While cranking with right hand immediately perform step 7 and 8 at same time:*
7. Throttle RETRACT to 800-1000 RPM
 8. Mixture..... RICH to "X" or FULL RICH
 9. Mixture..... ADJUST

LOSS OF OIL PRESSURE/LOW INDICATION

If Oil Pressure goes to 10% of yellow arc or hot:

1. Manifold Pressure..... REDUCE to 22.5 inches
2. Airspeed REDUCE (<120 KIAS)
3. Cowl flaps..... OPEN

If loss of oil pressure and a high oil temperature indication persist, plan a landing immediately

AMMETER EXCESSIVE RATE OF CHARGE

1. Alternator OFF
2. Non-essential Electrical Equipment OFF
3. Flight..... LAND AS SOON AS PRACTICAL

ALTERNATOR FAILURE

1. Alternator Switch OFF then ON
 2. Circuit Breakers..... CHECK IN
- If Low Voltage Annunciator Illuminates Again:*
3. Alternator OFF
 4. Non-essential Electrical Equipment OFF
 5. Flight..... TERMINATE

LANDING GEAR SYSTEM EMERGENCIES

LANDING GEAR FAILS TO RETRACT

1. Master Switch..... CHECK ON
 2. Landing Gear Lever (Full Up) CHECK
 3. Landing Gear Circuit Breakers IN /CHECK
 4. Emergency Gear Extension CHECK full up
- If red landing gear stays on for long time (wait up to 5 minutes) before recycling.*
5. Landing Gear Lever DOWN
 6. Wait..... 1 MINUTE
 7. Landing Gear Lever UP
 8. Wait..... 1 MINUTE

9. Gear Motor ..CHECK AMMETER and SOUND)

If unsafe indication persists:

10. Landing Gear Lever DOWN
11. Gear Down Position Lights..... ON

LANDING GEAR FAILS TO EXTEND

1. Master Switch..... ON
2. Landing Gear Circuit Breakers IN / RESET
3. Landing Gear Lever RECYCLE
4. Gear Down Pos. Indicators... PRESS TO TEST
5. Landing Gear Lever CHECK FULL DOWN
6. Throttle MINIMIZE POWER
7. Airspeed..... < 80KIAS
8. Rudder trim..... NEUTRAL
9. Emergency Ext. Valve..... PULL OUT & DOWN
10. Gear Down Positon Lights..... ON

If gear fails to extend it may be necessary to cycle rudder pedals, reduce power, or reduce airspeed (If burned out bulb, replace it in flight by using the bulb from the magnetic compass or other gear)

LANDING WITH GEAR RETRACTED

1. Landing Gear Lever UP
2. Power..... AS REQUIRED
3. Wing Flaps..... 20°
4. Airspeed..... 74 KIAS
5. Propeller HIGH RPM
6. Touchdown..... SLIGHTLY TAIL LOW
7. Mixture..... IDLE CUT OFF
8. Fuel Selector Valve OFF
9. Ignition Switch OFF
10. 1Airplane..... EVACUATE

ONE RETRACTED/UNLOCKED MAIN GEAR

Select a runway with a crosswind from the same side as the good main gear tire, if practical)

1. Flaps 35°
2. Airspeed..... Minimum 71 KIAS
3. Propeller HIGH RPM
4. Touchdown..... ON EXTENDED GEAR FIRST
5. Aileron..... Bank away from affected gear

DITCHING

1. Landing Gear RETRACTED
2. Cowl flaps..... CLOSED
3. Flaps 20°
4. Airspeed..... Minimum 74 KIAS
5. Propeller HIGH RPM
6. Touch Down Elevator control FULL AFT
7. Fuel Selector Valve OFF

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