

AMS FLIGHT SCHOOL



Cherokee WARRIOR 151/161 EMERGENCY CHECKLIST

STARTING ENGINE HOT

- 1) THROTTLE.....1/2" OPEN
- 2) MASTER SWITCH.....ON
- 3) ELECTRIC FUEL PUMP.....ON
- 4) MIXTURE.....FULL RICH
- 5) PROPELLER AREA.....CLEAR
- 6) STARTER.....ENGAGE
- 7) THROTTLE.....800-1000 RPM
- 8) OIL PRESSURE.....CHECK

FLOODED START PROCEDURES

- 1) THROTTLE.....FULL OPEN/FULL FORWARD
- 2) MASTER SWITCH.....ON
- 3) ELECTRIC FUEL PUMP.....OFF
- 4) MIXTURE.....IDLE CUT-OFF
- 5) PROPELLER AREA.....CLEAR
- 6) STARTER.....ENGAGE
- 7) MIXTURE.....ADVANCE
- 8) THROTTLE.....RETARD
- 9) OIL PRESSURE.....CHECK

STARTING WITH EXTERNAL POWER SOURCE

- 1) MASTER SWITCH.....OFF
- 2) ALL ELECTRICAL EQUIPMENT.....OFF
- 3) TERMINALS.....CONNECT
- 4) EXTERNAL POWER PLUG.....INSERT IN FUSELAGE
- 5) PROCEED WITH NORMAL START
- 6) THROTTLE.....LOWEST POSSIBLE RPM
- 7) EXTERNAL PWER PLUG.....DISCONNECT
- 8) MASTER SWITCH.....ON-CHECK AMMETER
- 9) OIL PRESSURE.....CHECK

ALTERNATOR FAILURE

- 1) VERIFY FAILURE
- 2) ELECTRICAL LOAD.....REDUCE
- 3) ALTERNATOR CIRCUIT BREAKER.....CHECK
- 4) ALT SWITCH.....off (1 sec) then on
- 5) IF NO OUTPUT
- 6) ALTERNATOR SWITCH.....OFF
- 7) Reduce electrical load and land as soon as possible

ELECTRICAL FIRE IN FLIGHT

- 1) SOURCE OF FIRE.....CHECK
- 2) MASTER SWITCH.....OFF
- 3) VENTS.....OPEN
- 4) CABIN HEAT.....OFF
- 5) ELECTRICAL SWITCHES.....OFF
- 6) AVIONICS.....OFF
- 7) FIRE EXTINGUISHER.....ACQUIRE
- 8) LAND.....as soon as practical

ENGINE FIRE IN FLIGHT

- 1) FUEL SELECTOR.....OFF
- 2) THROTTLE.....CLOSE
- 3) MIXTURE.....IDLE CUT-OFF
- 4) ELECTRIC FULE PUMP.....OFF
- 5) HEATER/DEFROSTER.....OFF
- 6) Proceed with POWER OFF LANDING procedure

ENGINE FAILURE

- 1) BEST GLIDE.....70 KIAS
- 2) FORCED LANDING SITE.....SELECT
- 3) FUEL SELECTOR.....swith to tank containing fuel
- 4) MAGNETOS.....CHECK
- 5) ELECTRIC FUEL PUMP.....ON
- 6) MIXTURE.....FULL RICH
- 7) CARBUTETOR HEAT.....ON
- 8) PRIMER.....IN & LOCKED
- 9) Engine gauges check for indication of power loss
When power is restored:
- 10) CARBURETOR HEAT.....OFF
- 11) ELECTRIC FUEL PUMP.....OFF

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