

AMS FLIGHT SCHOOL



CESSNA 150M COMMUTER EMERGENCY PROCEDURES CHECKLIST

ENGINE FAILURE

ENGINE FAILURE AFTER TAKE-OFF

- 1) AIRSPEED.....70 MPH (FLAPS UP)
- 2) MIXTURE.....IDLE CUT-OFF
- 3) FUEL SELECTOR VALVE.....OFF
- 4) IGNITION SWITCH.....OFF
- 5) WING FLAPS.....AS REQUIRED
(40° RECCOMENDED)
- 6) MASTER SWITCH.....OFF

ENGINE FAILURE DURING FLIGHT

- 1) AIRSPEED.....70 MPH
- 2) CARBURETOR HEAT.....ON
- 3) FUEL SHUTOFF VALVE.....ON
- 4) MIXTURE.....RICH
- 5) IGNITION SWITCH.....BOTH
(OR START IF PROPELLER IS NOT WINDMILLING)
- 6) PRIMER.....IN AND LOCKED

IF THE ENGINE CANNOT BE RESTARTED, A FORCED LANDING WITHOUT POWER MUST BE EXECUTED. PROCEED TO **EMERGENCY LANDING WITHOUT ENGINE POWER CHECKLIST.**

FORCED LANDINGS

EMERGENCY LANDING WITHOUT ENGINE POWER

- 1) AIRSPEED.....70 MPH (FLAPS UP)
- 2) MIXTURE.....IDLE CUT-OFF
- 3) FUEL SHUTOFF VALVE.....OFF
- 4) ALL SWITCHES (EXCEPT MASTER).....OFF
- 5) APPROACH70 MPH
- 5) WING FLAPSAS NECESSARY
- 6) MASTER SWITCH.....OFF
- 7) DOORS.....UNLATCH PRIOR TO TOUCHDOWN
- 8) TOUCHDOWN.....SLIGHTLY TAIL LOW
- 9) BRAKES.....APPLY HEAVILY

PRECAUTIONARY LANDING WITH ENGINE POWER

- 1) DRAG OVER SELECTED FIELD WITH FLAPS 20° AND 70 MPH AIRSPEED, NOTING THE PREFERRED AREA FOR TOUCHDOWN FOR THE NEXT LANDING APPROACH. THEN RETRACT FLAPS UPON REACHING A SAFE ALTITUDE AND AIRSPEED.
- 2) RADIO, ELECTRICAL SWITCHES.....OFF
- 3) WING FLAPS.....40° (ON FINAL APPROACH)
- 4) AIRSPEED.....65 MPH
- 5) MASTER SWITCH.....OFF
- 6) DOORS.....UNLATCH PRIOR TO TOUCHDOWN
- 7) TOUCHDOWN.....SLIGHTLY TAIL LOW
- 8) IGNITION SWITCH.....OFF
- 9) BRAKES.....APPLY HEAVILY

DITCHING

PREPARE FOR DITCHING BY SECURING OR JETTISONING HEAVY OBJECTS LOCATED IN THE BAGGAGE AREA, AND COLLECT FOLDED COATS OR CUSHIONS FOR PROTECTION OF OCCUPANT'S FACE AT TOUCHDOWN. TRANSMIT MAYDAY MESSAGE ON 121.5 MHz. GIVING LOCATION AND INTENTIONS.
REFER TO AIRCRAFT POH FOR FULL CHECKLIST

FIRES

ENGINE FIRE DURING START ON GROUND

- 1) CONTINUE CRANKING ENGINE
- 2) SUCCESSFUL START.....RUN AT 1700
- 3) UNSUCCESSFUL START CONTINUE CRANKING
- 4) READY TO EXTINGUISH FIRE TURN OFF:
 1. MASTER SWITCH
 2. IGNITION
 3. FUEL SHUTOFF VALVE

ENGINE FIRE IN FLIGHT

- 1) MIXTURE.....IDLE CUT OFF
- 2) FUEL SELCTOR VALVE.....OFF
- 3) MASTER SWITCH.....OFF
- 4) CABIN HEAT AND AIR.....OFF
- 5) AIRSPEED.....100 MPH
- 6) FIELD.....SUITABLE FOR FORCE LANDING

IF FIRE IS NOT EXTINGUISHED, INCREASE GLIDE SPEED TO FIND AN AIRSPEED WHICH WILL PROVIDE AND INCOMBUSTIBLE MIXTURE

ELECTRICAL FIRE IN FLIGHT

- 1) MASTER SWITCH.....OFF
- 2) ALL RADIO/ ELECTRICAL SWITCHES.....OFF
- 3) VENTS/CABIN AIR/HEAT.....CLOSED
- 4) FUSES.....CHECK TO IDENTIFY FAULT
* LEAVE FAULTY CIRCUIT DEACTIVATED*
- 5) MASTER SWITCH.....ON
- 6) SWITCHES.....SELECT ON SUCCESSIVELY
- 7) VENTS.....FIRE COMPLETELY OUT BEFORE OPENING

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*In case of emergency contact flight department:
(888) 306-2061*