

FALCON 50 MEMORY ITEMS (PHASE 1)

ENGINE FIRE

1. Power lever CUT-OFF
2. FIRE PULL Pulled
3. Airspeed Below 250 KIAS
4. FIRE extinguisher ENG Position 1

If fire persists:

5. FIRE extinguisher ENG Position 2

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APU FIRE

1. APU MASTER Depressed
2. FIRE APU switch Position 1

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AFT COMPARTMENT FIRE

1. Bleed Air HP and PRV (all 4 switches) OFF
2. Anti-ice ENG 2 switch Off
3. BAT 1 and BAT 2 switches Off
4. Hydraulic ST-BY PUMP switch OFF

If fire persists

5. FIRE AFT COMP switch Position 1


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SMOKE IN BAGGAGE COMPARTMENT

1. Bleed Air BAG OFF
2. FIRE BAG COMP Switch Position 1
3. OMEGA Off

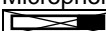
ENV TAB Page E-33

AIR CONDITIONING SMOKE

1. Crew oxygen masks DONNED – 100% + EMERGENCY
2. Smoke goggles Donned – Vent valve open
3. Microphone selector MASK – Tested
4.  Light pushbutton On
5. PASSENGER OXYGEN controller OVERRIDE
6. Passenger Masks Donned – Checked

ENV TAB Page E-28

ELECTRICAL SMOKE OR FIRE

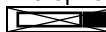
1. Crew oxygen masks Donned – 100% + EMERGENCY
2. Smoke goggles Donned – Vent valve open
3. Microphone selector MASK – Tested
4.  light pushbutton On

Only if no flame in cabin:

5. PASSENGER OXYGEN controller OVERRIDE
6. Passenger masks Donned – Checked

DC ELEC TAB Page E-38

SMOKE REMOVAL

1. Crew oxygen masks Donned – 100% + EMERGENCY
2. Smoke goggles Donned – Vent valve open
3. Microphone Selector MASK – Tested
4.  light pushbutton On
5. Crew air gaspers Open

Only if no flame in cabin:

6. PASSENGER OXYGEN controller OVERRIDE
7. Passenger masks Donned – Checked
8. Passenger cabin air gaspers Open

ENV TAB Page E-29

WHEEL WELL OVERHEAT

1. Establish an airspeed not greater than 190 KIAS (V_{LO})
2. Landing gear Extend
3. Keep landing gear extended till WHEELS L and/or R light(s) is (are) out, but not less than 10 minutes.

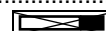
LNDG GEAR TAB Page E-59

EMERGENCY DESCENT

1. Autopilot A.P. DISENGAGED
2. Power levers Idle
3. Airbrake handle Position 2
4. Descent airspeed: MMO / VMO, smooth air conditions
5. ATC transponder Mayday code

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RAPID DEPRESSURIZATION

1. Crew oxygen masks Donned – 100%
2. Microphone selector MASK – Tested
3. FASTEN BELTS and  light pushbuttons On
4. PASSENGER OXYGEN controller OVERRIDE
5. Passenger Masks DONNED – CHECKED
6. Emergency descent INITIATED

ENV TAB Page E-32

LOSS OF BOTH HYDRAULIC SYSTEMS

1. AP and YD Disengaged
2. Decrease airspeed to or below 260 KIAS or MI: 0.76

HYD TAB Page E-56

FAILURE OF ALL THREE GENERATORS

1. C and D busses Off
2. LH-RH bus tie rotary selector FLIGHT NORMAL
3. Attempt separate resetting of each generator as follows:
 - a. Associated GEN.. switches Off for at least 5 seconds
 - b. Associated GEN... switches On (no more than 2 reset attempts)

DC ELEC TAB Page E-39

FALCON 50 MEMORY ITEMS (PHASE 1)

INADVERTENT FLIGHT THRUST REVERSAL

1. Engine 2 Idle
2. Thrust reverser NORM / STOW STOW
3. Reduce airspeed done to 230 KIAS (or less)

ENG TAB Page E-24

COLLINS APS80 AUTOPILOT – NOSE DOWN HARDOVER

1. Recovery initiated 1 second after recognition.
2. Recovery

FLT CONT TAB Page E-63

UNRELIABLE AIRSPEEDS AT HIGH ALTITUDE

1. AP DISENGAGED
2. YD DISENGAGED
3. Avoid large displacements and rapid movements of flight control surfaces
4. Fly wings level.
5. Stabilize airplane attitude using, if necessary, the stand-by instrument altitude indication:
 - Pitch attitude Between 1° and 4° nose up
 - Engine power Smoothly fully forwardWarning: Inappropriate flight director guidance may be activated.
6. Do not follow corresponding FD.

INST TAB Page E-77

APPROACH AND LANDING WITH TWO ENGINES INOPERATIVE

1. Airplane Gross Weight REDUCE
2. Enroute Climb Gradient DETERMINED, PAGE E-19
3. Airspeed (Clean Configuration) 1.5 V_S, PAGE E-19
4. Airbrakes RETRACTED
5. Fuel System Situation CHECK
6. Main BUS TIE Switch TIED
7. Electrical Load (SEE NOTE BELOW) REDUCE

NOTE: For quick reduction: Galley, Landing Light, Side Window Heat, XFR Pumps and Floor Heat ALL OFF

ENG TAB Page E-18

GO-AROUND – TWO ENG INOP

1. Take-off thrust Set
2. Accelerate while in descent on normal slope.
3. At VREF + 25 Kts: slat-flap handle CLEAN
4. Set and maintain en route climb speed.


ENG TAB Page E-19

ALL ENGINES OUT CONDITION

1. C and D buses Off
2. Communications VHF / ATC 1
3. Establish airplane within airstart envelope.
4. Switch off as many services as necessary to decrease the battery load down to 50 A per battery.
5. Relight all three engines per applicable procedure.


ENG TAB Page E-5

FORCED LANDING

1. Transmission of distress signal MAYDAY
2. ATC transponder Mayday code
3. Passengers Instructed
4. FASTEN BELTS and  light pushbuttons On
5. Cockpit jump-seat, if possible Unoccupied and stowed
6. AUDIO WARN C/B's Pulled

ENG TAB Page E-6

DITCHING

1. Transmission of distress signal MAYDAY
2. ATC transponder Mayday code
3. Passengers Instructed
4. Life-jackets Donned / Checked
5. FASTEN BELTS and  light pushbuttons On
6. Cockpit jump seat, if possible Unoccupied and stowed
7. AUDIO WARN C/B's Pulled

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