

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

Attachment 38 - Fire Main Deck Non-Normal Procedure

**OPERATIONS/HUMAN PERFORMANCE SUPPORT TO
THE U.S. ACCREDITED REPRESENTATIVE**

DCA10RA092

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A. B747-400 Airplane Flight Manual Version

BOEING 747-400
AIRPLANE FLIGHT MANUAL

NON-NORMAL
PROCEDURES

F I R E

FIRE CARGO (Class C compartments)

If the EICAS message FIRE CARGO FWD/AFT is displayed, push the affected cargo fire extinguisher arming switch to ARMED and discharge the cargo fire bottles. Set the landing altitude selector between 8000 and 8500 feet.

FIRE MAIN DECK (Class E compartments)

Upon detection of fire or smoke on the main deck use the following procedure:

Oxygen masks and regulators - ON 100%
Smoke goggles (if required) - ON
Supernumerary oxygen switch (if required) - ON
Crew communications - ESTABLISH
ARM switch to main deck - Depress
DISCH/DEPRESS switch - Depress

Climb or descend, as required, to obtain 25,000 feet pressure altitude.

Land at the nearest suitable airport.

FIRE WHEEL WELL

If the EICAS message FIRE WHEEL WELL is displayed, move the landing gear lever to the down position at V_{LO} or lower.

If the landing gear must be retracted for airplane performance, the landing gear may be retracted 20 minutes after the FIRE WHEEL WELL message is no longer displayed.

B. Boeing B747-400 FCOM Version




8.19

747 Flight Crew Operations Manual

MAIN
DECK

FIRE MAIN DECK FIRE MN DK AFT, FWD, MID

Condition: Smoke is detected in the main deck cargo area(s).

- 1 Don the oxygen masks.
- 2 Establish crew communications.
- 3 SUPRNMR Y OXY switch ON
- 4 MAIN Deck CARGO FIRE
ARM switch Confirm ARMED
N570UP - N579UP
SATCOM will shut down to prevent overheating.
System shuts down two packs and respective
PACK EICAS messages are shown.
- 5  Select the pack control selectors that have the
PACK messages shown.
PACK control selectors Two packs off
- 6 CARGO FIRE
DEPRES/DISCH switch Push and
hold for one second
- 7 Climb or descend to 25,000 feet when conditions
and terrain allow.
- 8 Plan to land at the nearest suitable airport.

▼ Continued on next page ▼

C. UPS B747-400 Version

**FIRE MAIN DECK
or
FIRE MN DK AFT, FWD, MID**

CONDITION: SMOKE DETECTED IN MAIN DECK
CARGO AREA(S).

LIGHT: MAIN DECK

OXYGEN MASKS ON

CREW COMMUNICATIONS ESTABLISH

SUPERNMRY OXY SWITCH ON

MAIN DECK CARGO FIRE ARM SWITCH ARMED
System shuts down two packs and displays related PACK
EICAS messages.

PACK SELECTORS (Affected packs) OFF
Maximum one pack on.

CARGO FIRE DEPRESS/DISCH SWITCH PUSH
Push and hold for one second.

Climb or descend to 25,000 feet when conditions and
terrain permit.

Plan to land at nearest suitable airport.

**WARNING: AFTER LANDING, INFORM GROUND
PERSONNEL NOT TO OPEN THE CARGO
DOOR UNTIL ALL SUPERNUMERARIES
AND CREW HAVE EXITED THE AIRCRAFT
AND FIRE FIGHTING EQUIPMENT IS
NEARBY.**

Do not accomplish the following checklists:

CABIN ALTITUDE

TEMP ZONE

TRIM AIR OFF

END OF PROCEDURE

REV: 5

DATE: 06/13/08

FAA APPROVED

EAC 8-7

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