




QUICK REFERENCE HANDBOOK

A380-861

The content of this document is the property of Airbus. It is supplied in confidence and commercial security on its contents must be maintained. It must not be used for any purpose other than that for which it is supplied, nor may information contained in it be disclosed to unauthorized persons. It must not be reproduced in whole or in part without permission in writing from the owners of the copyright.

© AIRBUS 2005. All rights reserved.

Intentionally left blank

 A380 QUICK REFERENCE HANDBOOK	ABNORMAL AND EMERGENCY PROCEDURES TABLE OF CONTENTS	ABN 1/2
		12 APR 17

Fire and Smoke Protection ABN-1

SMOKE/FUMES.....1.01A

REMOVAL OF SMOKE/FUMES..... 1.07A

SMOKE/FIRE FROM LITHIUM BATTERY..... 1.09A

Back Cover ABN--

EMER EVAC.....C3



A380
QUICK REFERENCE HANDBOOK

**ABNORMAL AND
EMERGENCY PROCEDURES
TABLE OF CONTENTS**

**ABN
2/2**

12 APR 17

Intentionally left blank

SMOKE/FUMES

LAND ASAP

APPLY IMMEDIATELY :

- CREW OXY MASKS (if required).....USE/100%/EMER
- CAB FANS..... OFF
- GALLEY.....OFF
- SIGNS..... ON
- CKPT/CABIN COM..... ESTABLISH

● **IF SMOKE SOURCE IMMEDIATELY OBVIOUS ACCESSIBLE AND EXTINGUISHABLE :**

SMOKE SOURCE..... ISOLATE

● **IF SMOKE SOURCE NOT IMMEDIATELY ISOLATED :**

DIVERSION..... INITIATE

DESCENT TO FL 100 or MEA-MORA..... INITIATE

● **At ANY TIME of the procedure, if smoke/fumes becomes the GREATEST THREAT :**

REMOVAL OF SMOKE/FUMES (QRH 1.07).....
..... CONSIDER

● **At ANY TIME of the procedure, if situation becomes UNMANAGEABLE :**

IMMEDIATE LANDING..... CONSIDER



SMOKE/FUMES (Cont'd)



- **If the source of smoke is suspected from :**
 AIR COND.....APPLY QRH 1.03
 CABIN EQUIPMENT..... APPLY QRH 1.03
- **If the source of smoke is from AVIONICS with ECAM alert :**
 R MAIN AVNCS SMOKE.....APPLY QRH 1.04
 L MAIN or L UPPER AVNCS SMOKE.....
 APPLY QRH 1.05
 Other AVNCS SMOKE ECAM alert.....
 No further action
- **If the source of smoke cannot be identified :**
 To isolate RIGHT electrical side.....
 APPLY QRH 1.04
 To isolate LEFT electrical side.....
 APPLY QRH 1.05
- **If smoke persists :**
 EMER ELEC CONFIGURATION.....
 APPLY QRH 1.06



SMOKE/FUMES (Cont'd)



● **IF AIR COND SMOKE SUSPECTED :**

APU BLEED..... OFF
 VENT AVNCS EXTRACT..... AUTO
 XBLEED..... CLOSE
 PACK 1..... OFF

● **If smoke continues :**

PACK 1..... ON
 PACK 2..... OFF

● **If smoke persists :**

PACK 2..... ON
 XBLEED..... AUTO
 REMOVAL OF SMOKE/FUMES (QRH 1.07)....
 CONSIDER

● **IF CABIN EQUIPMENT SMOKE :**

PAX SYS..... OFF

● **If smoke continues :**

EMER EXIT LT..... ON
 COMMERCIAL 1+2..... OFF
 SMOKE DISSIPATION CHECK
 FAULTY EQPT..... SEARCH/ISOLATE

● **If smoke persists or when faulty equipment confirmed isolated :**

PAX SYS..... ON
 COMMERCIAL 1+2..... NORM
 REMOVAL OF SMOKE/FUMES (QRH 1.07)....
 CONSIDER



SMOKE/FUMES (Cont'd)



● **IF SMOKE SOURCE CANNOT BE DETERMINED AND STILL CONTINUES OR AVNCS/ELECTRICAL SMOKE SUSPECTED :**

● **In case of R MAIN AVNCS SMOKE or To Isolate AC BUS 3+4 :**

- VHF 1..... USE
- XPDR/TCAS..... SYS 1
- VENT AVNCS EXTRACT..... OVRD
- GEN 1+2..... CHECK ON
- AC ESS FEED..... CHECK NORM
- APU GEN A+B..... OFF
- ATT HDG..... F/O ON 3
- AIR DATA..... F/O ON 3
- BUS TIE..... OFF
- RH cockpit lights are lost when GEN 3+4 OFF
- GEN 3+4..... OFF
- SMOKE DISSIPATION..... CHECK

● **If smoke continues:**

- GEN 3+4..... ON
- ATT HDG..... KEEP F/O ON 3
- After 1 min: AIR DATA..... NORM
- NSS MASTER SW..... OFF
- AC ESS FEED..... ALTN
- AP sidestick locking device and LH Cockpit lights are lost when GEN 1+2 OFF
- GEN 1+2..... OFF
- SMOKE DISSIPATION..... CHECK



SMOKE/FUMES (Cont'd)



● **If smoke persists :**

GEN 1+2..... ON
AC ESS FEED..... NORM
BUS TIE..... AUTO
EMER ELEC (QRH 1.06)..... CONSIDER
REMOVAL OF SMOKE/FUMES (QRH 1.07)
..... CONSIDER

● **If smoke stops :**

ECAM ACTIONS..... PERFORM



SMOKE/FUMES (Cont'd)



● **IF SMOKE SOURCE CANNOT BE DETERMINED AND STILL CONTINUES OR AVNCS/ELECTRICAL SMOKE SUSPECTED (CONT'D):**

● **In case of L MAIN or L UPPER AVNCS SMOKE or To Isolate AC BUS 1+2 :**

NSS MASTER SW..... OFF
 VHF1..... USE
 XPDR/TCAS..... SYS 1
 VENT AVNCS EXTRACT..... OVRD
 GEN 3+4..... CHECK ON
 AC ESS FEED..... ALTN
 APU GEN A+B..... OFF
 BUS TIE..... OFF

AP sidestick locking device and LH Cockpit lights are lost when GEN 1+2 OFF

GEN 1+2..... OFF
 SMOKE DISSIPATION..... CHECK

● **If smoke continues :**

GEN 1+2..... ON
 AC ESS FEED..... NORM
 ATT HDG..... F/O ON 3
 AIR DATA..... F/O ON 3

RH cockpit lights are lost when GEN 3+4 OFF

GEN 3+4..... OFF
 SMOKE DISSIPATION..... CHECK

● **If smoke persists :**

GEN 3+4..... ON



SMOKE/FUMES (Cont'd)



BUS TIE.....AUTO
ATT HDG.....KEEP F/O ON 3
After 1 min : AIR DATA..... NORM
EMER ELEC (QRH 1.06)..... CONSIDER
REMOVAL OF SMOKE/FUMES (QRH 1.07)
..... CONSIDER

● **If smoke stops:**

ECAM ACTIONS..... PERFORM



SMOKE/FUMES (Cont'd)



● **TO SET ELEC EMER CONFIG :**

CABIN CREW..... ADVISE
 VHF1..... USE
 XPDR/TCAS..... SYS1
 WXR/TAWS..... SYS1
 RAT MAN ON..... PRESS

AP is lost when all GENs OFF.

● **WHEN RAT AVAIL :**

GEN 1+4..... OFF
 GEN 2+3..... OFF
ELEC EMER CONFIG..... APPLY

*Apply ELEC EMER CONFIG ECAM procedure
 EXCEPT the items "GENs OFF THEN ON" and
 "APU CONSIDER", if displayed.*

REMOVAL OF SMOKE/FUMES

EMER EXIT LT..... ON
 AIR FLOW..... HI
 ATC..... NOTIFY FOR DESCENT
 DESCENT TO FL 100 or MEA-MORA INITIATE

● **IF COCKPIT AFFECTED:**

ALL CARGO ISOL VALVES..... OFF
 CABIN ALT MODE..... MAN
 CABIN ALT TRGT..... 10000 FT/MEA-MORA
 CABIN V/S MODE..... MAN
 CABIN V/S TRGT..... 1000 FT/MIN
 SMOKE/FUMES procedure..... CONTINUE

● **At FL 100/MEA-MORA:**

PACK 1+2..... OFF
 RAM AIR..... ON

● **If smoke continues:**

MAX SPEED : 230 KT
 CKPT DOOR OR DOOR FLAP..... OPEN
 HEADSETS..... ON
 CKPT WINDOW (PM)..... OPEN

● **When window is open:**

PACKS (NOT AFFECTED)..... ON
 VISUAL WARNING (noisy cockpit).....
 MONITOR
 SMOKE/FUMES procedure.....CONTINUE

● **IF COCKPIT NOT AFFECTED:**

COCKPIT NOT AFFECTED..... APPLY QRH 1.08



REMOVAL OF SMOKE/FUMES (Cont'd)**● IF COCKPIT NOT AFFECTED AND ONLY UPPER DECK AFFECTED:**

CABIN ALT MODE.....AUTO
CABIN V/S MODE.....AUTO
CABIN AIR EXTRACT..... OVRD
SMOKE/FUMES procedure..... CONTINUE

● IF COCKPIT NOT AFFECTED AND ONLY MAIN DECK AFFECTED:

VENT AVNCS EXTRACT..... OVRD
ALL CARGO ISOL VALVES..... OFF
SMOKE/FUMES procedure..... CONTINUE

SMOKE/FIRE FROM LITHIUM BATTERY

If necessary, transfer control to the flight crew member seated on the opposite side of the fire.

CKPT/CAB COM..... ESTABLISH
STORAGE AFTER Li BAT FIRE cabin procedure.....
..... REQUEST INITIATION

● **If there are flames:**

CREW OXY MASK (PF)..... USE
SMOKE HOOD (PM)..... USE
HALON EXTINGUISHER..... USE

● **If there are no flames or when flames are extinguished:**

■ **If not possible to remove device from the cockpit:**

WATER or NON-ALCOHOLIC LIQUID.....
..... POUR ON DEVICE
DEVICE..... MONITOR

■ **If possible to remove device from the cockpit:**

DEVICE..... TRANSFER TO CABIN

● **AT ANY TIME of the procedure, if SMOKE becomes the GREATEST THREAT:**

REMOVAL OF SMOKE/FUMES (QRH 1.07).....
..... CONSIDER

● **AT ANY TIME of the procedure, if situation becomes UNMANAGEABLE:**

IMMEDIATE LANDING..... CONSIDER



A380
QUICK REFERENCE HANDBOOK

**ABNORMAL AND
EMERGENCY PROCEDURES**

BLANK

12 APR 17

Intentionally left blank

EMER EVAC**● WHEN AIRCRAFT STOPPED:**

PARK BRK.....ON
ATC..... NOTIFY
CABIN CREW.....ALERT
PACK 1+2..... OFF
ALL ENG MASTER LEVERS.....OFF
ALL FIRE P/Bs (ENG & APU).....PUSH
ALL AGENTS (ENG & APU)..... AS RQRD

● IF EVACUATION REQUIRED:

EVAC (PA)..... ANNOUNCE
EVAC COMMAND..... ON
ALL 4 BATs.....OFF

● IF EVACUATION NOT REQUIRED

CABIN CREW AND PASSENGERS..... ADVISE



A380
QUICK REFERENCE HANDBOOK

**ABNORMAL AND
EMERGENCY PROCEDURES**

BLANK

04 AUG 16

Intentionally left blank
