OLM FBW 2006 – Toulouse – 26-28 September 2006



Presented by

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EMER EVAC on ground



- 1 Introduction
- 2 Changes
- 3 ECAM Changes ENG FIRE (on ground)
- 4 New location of the procedure in QRH
- 5 Conclusion

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Evacuation required / not required?

EMERGENCY EVACUATION

- AIRCRAFT / PARKING BRK STOP / ON
- ATC (VHF1) NOTIFY
- CABIN CREW (PA) ALERT
- Δ P (Only if in manual mode) CHECK ZERO
- ENG MASTER (all) OFF
- FIRE pushbuttons (ENG and APU) PUSH
- AGENTS (ENG and APU) AS RQRD
If Evacuation required
- EVACUATION INITIATE
If Evacuation not required
- Cabin crew and Passengers (PA) NOTIFY

- Analysis of emergency evacuations shows that some of them are unnecessary, causing injuries.
- New procedure gives the pilot the possibility of evacuation or not, after evaluation of needs

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Alert the cabin crew

 Cabin Crew must be informed of the situation earlier to confirm them that the flight crew still manages the situation

Avoid any unwanted or unnecessary evacuation initiated by the cabin crew

EMER EVAC on ground 6

PREVIOUS PROCEDURE

NEW PROCEDURE

ON GROUND EMER / EVACUATION

- AIRCRAFT / P	ARKING BRK	· S	STOP /	ON
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- ATC (VHF1) NOTIFY

- △ P (Only if in manual mode) CHECK ZERO

- ENG MASTER (all) OFF

- CABIN CREW (PA) NOTIFY

- FIRE pushbuttons (ENG and APU) PUSH

- AGENTS (ENG and APU) AS RQRD

EVACUATION INITIATE

EMERGENCY EVACUATION

- AIRCRAFT / PARKING BRI	(STOP / ON
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- ATC (VHF1) NOTIFY

- CABIN CREW (PA) ALERT

- Δ P (Only if in manual mode)...... CHECK ZERO

ENG MASTER (all) OFF

- FIRE pushbuttons (ENG and APU) PUSH

- AGENTS (ENG and APU) AS RQRD

If Evacuation required

- EVACUATION INITIATE

If Evacuation not required

- Cabin crew and Passengers (PA) NOTIFY



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ECAM CHANGES

New Long Range procedure

ENG 1(2)(3)(4) FIRE - THR LEVERS IDLE . WHEN A/C IS STOPPED: - PARKING BRK ON - ATC (VHF1) NOTIFY - CABIN CREW (PA)ALERT - ENG MASTER (affected) OFF - ENG FIRE P/B (affected)PUSH - AGENT 1+2 DISCH - Delta P CHECK ZERO ENG MASTER (All) OFF FIRE P/B (ENG & APU) PUSH . IF EVAC RQRD - EVACUATION INITIATE . IF EVAC NOT RQRD CABIN CREW & PAX NOTIFY

New Single Aisle procedure

ı	ENG 1((2) FIRE		
-	THR	LEVERS	IDLI	Ξ
	. W	HEN A/C IS STOPPED:		
_	PARK	(ING BRK	01	V
-	ATC (VHF1) N	IOTIF	Y
		N CREW (PA)		
		MASTER (affected)		
		FIRE P/B (affected)		
		NT 1+2		
-	EMER	R EVAC PROC	APPL	Υ.
			_	
		EMERGENCY EVACUATION		
	- AIRCI	EMERGENCY EVACUATION RAFT / PARKING BRK STOP	/ ON	
	- ATC (RAFT / PARKING BRK STOP	TIFY	
	- ATC (- CABII	RAFT / PARKING BRK STOP (VHF1) NO	TIFY ERT	1
	- ATC (- CABII - Delta	RAFT / PARKING BRK STOP VHF1) NO N CREW (PA) AL	TIFY ERT ERO	
	- ATC (- CABII - Delta - ENG I	RAFT / PARKING BRK	TIFY ERT ERO OFF	
	- ATC (- CABII - Delta - ENG I - FIRE	RAFT / PARKING BRK STOP (VHF1) NO N CREW (PA) AL P (Only if in manual mode) CHECK Z MASTER (ALL)	TIFY ERT ERO OFF USH	
	- ATC (- CABII - Delta - ENG I - FIRE - AGEN	RAFT / PARKING BRK	TIFY ERT ERO OFF USH	
	- ATC (- CABII - Delta - ENG I - FIRE - AGEN	RAFT / PARKING BRK	TIFY ERT ERO OFF USH QRD	
	- ATC (- CABII - Delta - ENG I - FIRE - AGEN - IF EV - EVA	RAFT / PARKING BRK STOP (VHF1) NO N CREW (PA) AL P (Only if in manual mode) CHECK Z MASTER (ALL) P/B (ENG and APU) NTS (ENG and APU) AS R AC REQUIRED:	TIFY ERT ERO OFF USH QRD	

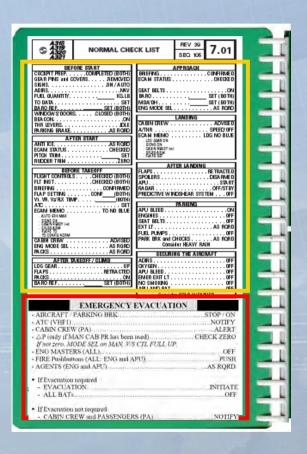
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New location of the procedure in QRH

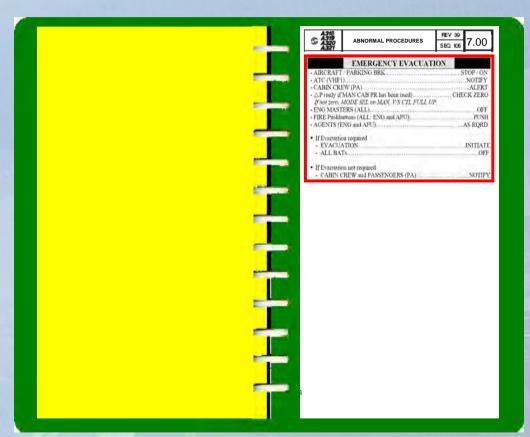
PREVIOUS: Back cover of the QRH

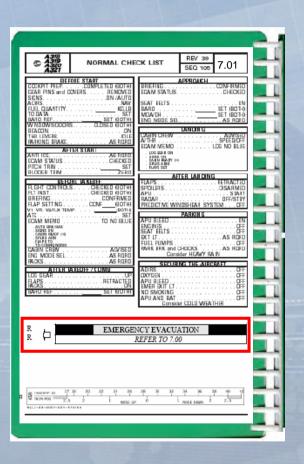


New procedure is longer than the current one

New location of the procedure in QRH

NEW: Inside back cover of the QRH





NOTE: The NORMAL CHECK LIST will remain in the same place





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Conclusion

- ✓ The new procedure:
 - ✓ Gives the possibility of performing the evacuation or not after evaluation of needs
 - **✓** Requests to communicate the Cabin Crew earlier
 - ✓ Is now located in the inside back cover of the QRH
 - ✓ The ECAM ENG FIRE (on ground) procedure has been updated in accordance.



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AN EADS JOINT COMPANY WITH BAE SYSTEMS

Batteries

EMERGENCY EVACUATION

- AIRCRAFT / PARKING BRK STOP / ON
- ATC (VHF1) NOTIFY
- CABIN CREW (PA) ALERT
- Δ P (Only if in manual mode) CHECK ZERO
- ENG MASTER (all) OFF
- FIRE pushbuttons (ENG and APU) PUSH
- AGENTS (ENG and APU) AS RQRD
■ If Evacuation required
- EVACUATION INITIATE
- All BATs OFF
■ If Evacuation not required
- Cabin crew and Passengers (PA) NOTIFY

A340-500/600 and A330/A340 with the "enhanced cabin"

- → Too much electrical charge for the batteries in case of emergency
- ▶ Specific wiring to enable the batteries supplying the CIDS even if the batteries are switched off
- ▶ Electrical supply for the CIDS during the emergency evacuation is guaranteed

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Batteries

EMERGENCY EVACUATION

- AIRCRAFT / PARKING BRK	STOP / ON
- ATC (VHF1)	NOTIFY
- CABIN CREW (PA)	ALERT
- ∆ P (Only if in manual mode)	. CHECK ZERO
- ENG MASTER (all)	OFF
- FIRE pushbuttons (ENG and APU)	PUSH
- AGENTS (ENG and APU)	AS RQRD
■ If Evacuation required	
- EVACUATION	INITIATE
■ If Evacuation not required	
- Cabin crew and Passengers (PA)	NOTIFY

Rest of aircraft

- No specific wiring
- No need to set the batteries to OFF

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