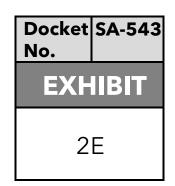
NATIONAL TRANSPORTATION SAFETY BOARD Investigative Hearing

Alaska Airlines Flight 1282 Boeing 737-9, N704AL Left Mid Exit Door Plug Separation in Portland, OR January 5, 2024



Operational Factors Group Chairman's Factual Report Attachment 4 - Alaska Airlines Checklists

(8 Pages)

DCA24MA063

OPERATIONAL FACTORS

Attachment 4
Alaska Airlines Checklists
April 17, 2024

Description Description	Alaska. 737MAX Crew Briefing		737MAX Nort	737MAX Normal Checklist Alaska.	
Precipitation Crew Elements Turbulence Fatigue onset Stant Switches ON / OFF FAUL FIDAS Switch OFF Environment Proficiency Gear Up GRD Power (if available) ON / OFF Environment Experience Auto Brake OFF Traffic Recency Flaps Up, No Lights Battery ON / OFF Traffic Re-accomplish relevant portions of the Departure or Arrival/Approach Setup and Briefing. Then re-accomplish appropriate MANAGE THE THREATS Re-accomplish relevant portions of the Departure or Arrival/Approach Setup and Briefing. Then re-accomplish appropriate Accomplish relevant portions of the Departure or Arrival/Approach Setup and Briefing. Then re-accomplish appropriate Accomplish relevant portions of the Departure or Arrival/Approach Setup and Briefing. Then re-accomplish appropriate Accomplish relevant portions of the Departure or Arrival/Approach Setup and Briefing. Then re-accomplish appropriate Accomplish relevant portions of the Departure or Arrival/Approach Setup and Briefing. Then re-accomplish appropriate Accomplish relevant portions of the Departure or Arrival/Approach Setup and Briefing. Then re-accomplish appropriate Accomplish relevant portions of the Departure or Arrival/Approach Setup and Briefing.	Threats (PM, PF) Plan Taxi, Dept Rwy **T/O perf valld, perf/config issues **Route (Clearance/Fight Plan - FMC RTE crosscheck) **Return (emerg. T/O alt) Considerations **Any specific PM duties, 10-7 considerations **Any specific PM duties, 10-7 considerations **Any specific PM duties, 10-7 considerations **Recap as needed **A PPPROACH BRIEFING Threats (PM, PF) Plan **Route (STAR, Approach, Approach Mode) **M/A alt fuel-route **Ind Rwy, Assessment, LTP, Exit, Taxi **Authorakas **Flaps, VERE Target Speed Considerations **Any specific PM duties, 10-7 considerations **Recap as needed **DEBRIEFING (PM, PF) To improve performance, consider: **How do you think that went? **NOTE: Debrief Egine scellent performance and areas to improve. **If we could do it again, what would we do differently? **Are there any reports to complete/submit? **WHAT ARE OUR THREATS?* Airport/ **AIRC Cln/Re-Routes Systems AirCaft Runway Special Airport **AIRC Contamination Construction Holstopts Air/Toep amends MELs Contamination Construction Construction Holstopts Airline/Ops/ Parformance Dispatch Tailstrike Adverse WX Sched Pressure Passengers Pass	FLIGHT ATTENDANT BRIEFINGS Pre-Departure Considerations: Weather Turbulence Diversion Potential Timeline Taxis/Flight Time Potential Delay Early Sit City Cabin Service/Pilot Needs Cabin Cabin Defect/Deferred Items Flight Deck Entry/Exit Specific Security Concerns Abnormal - Emergency N - Nature of the emergency T - Time to prepare S - Special instructions B - Brace signal, if applicable (when will brace command be given)	Before Start	Recall. Checked A PMC Route Verified L/R A Landing Data VREF Minimums A Landing Data Start Switches ON A Pressurization Set for Start Switches ON Complete Landing Speed Brake Armed, Green Light Gear Down, 3 Green Flaps Green Light Gear Down, 5 Green Light Gear Down, 6 Green Light Gear Down, 6 Green Light Gear Down, 7 Green Light Gear Down, 6 Green Light Gear Down, 7 Green Light Gear Down, 6 Green Light Gear Down, 7 Green Light Gear Down, 8 Green Light Gear Down, 9 Green Light Flags Green Light Gear Down, 9 Gree	
MANAGE THE THREATS checklist items.	Sched Pressure Cabin Delcing Delays Passengers Delcing Paperwork Interruptions Winds Ground Handling Precipitation Turbulence Environment Terrain Experience Hight Recency		AV2. Set After Takeoff Sleeds Bleeds	Window Heat	
	MANAGE THE THREATS	l	checklst (tens.		

Figure 1. Normal Checklist

DEBRIEF GUIDANCE TEMPLATE
Check status of crew and passengers
Have the crew describe the event
If event is an accident or incident confirm CVR/FDR CBs have been pulled in accordance with FOM 11.200.
Contributing factors (wx, comms, guidance, etc.)
Did the crew use a checklist?
Did the crew contact other resources (Dispatch, Maintenance, Scheduling, etc.)
Remind crew to file any reports (IR, ASAP)
Is the crew aware of any adverse pax reaction or photos, videos
Is there anything else the crew needs that the FODO can help them with.
Any other pertinent information?

Figure 2. FODO and Dispatch Debrief Checklist

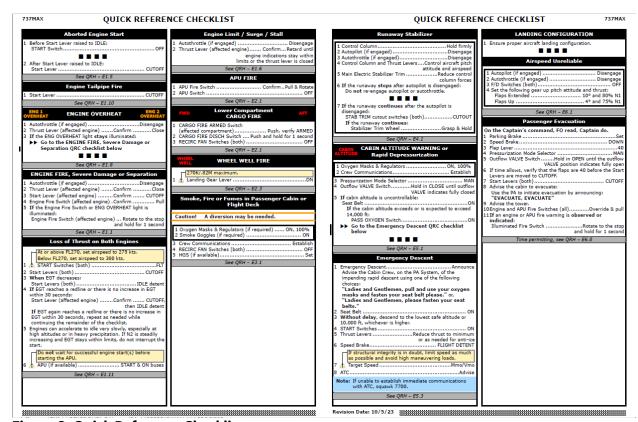


Figure 3. Quick Reference Checklist

CB.12	CB LIST	Alaska
	00 210.	× 1143/4

C/B Nomenclature	Panel	Grid
TE Flaps Pos Snsr & Ind Right	P6-2	A11
Temp Cont Valve Close Left	P6-4	A1
Temp Cont Valve Close Right	P6-4	B1
Temp Indicator	P6-4	D8
Temp Probe Heat	P18-3	C2
Terrain Display	P18-1	A7
Thrsh Lt	E&E P91	C1
Thrust Rev Cont - Engine 1	P18-2	B5
Thrust Rev Cont - Engine 2	P6-2	C7
Thrust Rev Ind - Engine 1	P18-2	B4
Thrust Rev Ind - Engine 2	P6-2	C8
Thrust Rev Intlk - Engine 1	P18-2	B6
Thrust Rev Intlk - Engine 2	P6-2	C6
Thrust Rev Sync Lock - Engine 1	P18-2	В7
Thrust Rev Sync Lock - Engine 2	P6-2	C5
TR3 DC Indicator	P6-5	C3
TR3 Xfer Relay Cont	P6-4	E11
Trim Air Press	P6-4	D9
TRU 1	E&E P91	Аб
TRU 2	E&E P92	A4
TRU 3	E&E P92	Aб
TRU 3 Altn	E&E P91	A4
V		
V Vacuum Outlet Aft	E&E P92	E9
Vacuum Outlet Aft Vacuum Outlet Fwd	E&E P92	EB
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste	E&E P92 P18-3	EB D19
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower	E&E P92 P18-3 E&E P91	E8 D19 F2
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont	E&E P92 P18-3 E&E P91 E&E P91	E8 D19 F2 C11
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1	E&E P92 P18-3 E&E P91 E&E P91 P18-2	E8 D19 F2 C11 D11
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1	E8 D19 F2 C11
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2	E8 D19 F2 C11 D11 C3 D12
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2	E8 D19 F2 C11 D11 C3 D12 D7
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2	E8 D19 F2 C11 D11 C3 D12 D7 C7
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-2	E8 D19 F2 C11 D11 C3 D12 D7 C7
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-2 P18-2	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-2	E8 D19 F2 C11 D11 C3 D12 D7 C7
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-2 P18-2	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1 VOR 2 W Waste Water Line Heat	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-1 P6-1	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1 A12
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1 VOR 2	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-1 P6-1	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1 A12
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1 VOR 2 W Waste Water Line Heat	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-1 P6-1	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1 A12
Vacuum Outlet Aft Vacuum Waste Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1 VOR 2 W Waste Water Line Heat Water Qty Ind	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-1 P6-1	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1 A12 D18 C9
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1 VOR 2 W Waste Water Line Heat Water Qty Ind Weather Radar Rt Wheel Well Lt Window Heat Control Left Front AC	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-1 P5-1 P5-1 P5-1 E&E P91 P6-1 E&E P92 P18-3	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1 A12 D18 C9 D13 C2 E1
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1 VOR 2 W Waste Water Line Heat Water Qty Ind Weather Radar Rt Wheel Well Lt Window Heat Control Left Front AC Window Heat Control Left Side AC	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-1 P6-1 P18-3 E&E P91 P6-1 E&E P92	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1 A12 D18 C9 D13 C2
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1 VOR 2 W Waste Water Line Heat Water Qty Ind Weather Radar Rt Wheel Well Lt Window Heat Control Left Front AC	E&E P92 P18-3 E&E P91 E&E P91 P18-2 P6-1 P18-2 P18-2 P18-2 P18-2 P18-1 P5-1 P5-1 P5-1 E&E P91 P6-1 E&E P92 P18-3	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1 A12 D18 C9 D13 C2 E1 D2 D1
Vacuum Outlet Aft Vacuum Outlet Fwd Vacuum Waste Vacuum Waste Blower Vacuum Waste Cont VHF 1 VHF 2 VHF 3 Voice Recorder Voice RCRDR Relay Voice RCRDR/RIPS VOR / Mkr Bcn 1 VOR 2 W Waste Water Line Heat Water Qty Ind Weather Radar Rt Wheel Well Lt Window Heat Control Left Front AC Window Heat Control Left Side AC	P18-3 P18-2 P18-2 P18-2 P18-2 P18-2 P18-2 P18-2 P18-2 P18-1 P5-1 P5-1 P18-3 E&E P91 P6-1 E&E P92 P18-3 P18-3	E8 D19 F2 C11 D11 C3 D12 D7 C7 D6 A1 A12 D18 C9 D13 C2 E1 D2

CB.12 737MAX QRH 4/30/24

Figure 4. Circuit Breaker List

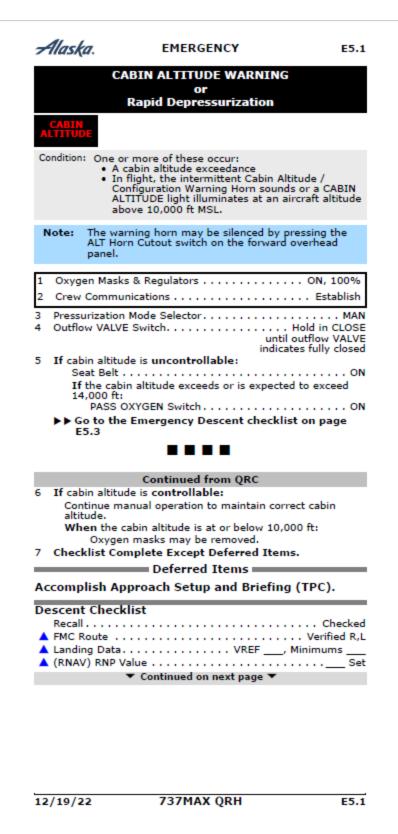
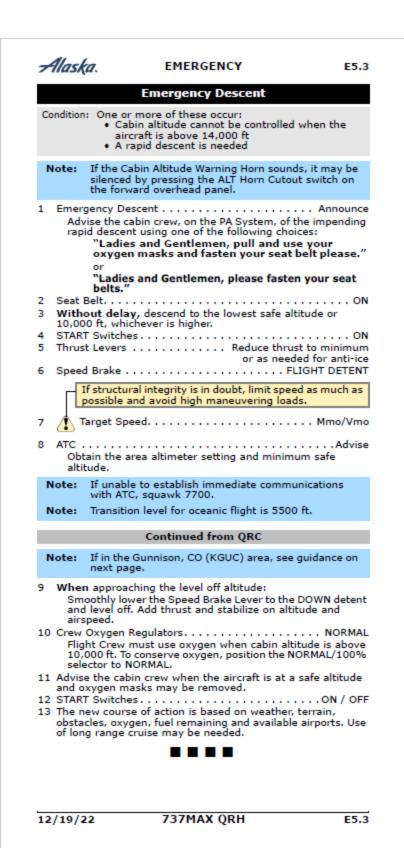


Figure 5. Rapid Depressurization Quick Reference Handbook

E5.2	emergency Alaska.
▼ C	ABIN ALTITUDE WARNING or Rapid Depressurization continued ▼
▲ Pres	surization Move outflow VALVE switch to OPEN or CLOSE as needed to control cabin altitude and rate
Note:	Use momentary actuation of the outflow VALVE switch to avoid large and rapid pressurization changes.
STAI	RT SwitchesON
Altin Seat PA .	ach Checklist neter, Belt
	tern Altitude low VALVE Switch Move to OPEN until outflow VALVE indication shows fully open to depressurize the aircraft
Spee Gear	g Checklist ad Brake
	LANDING CONFIGURATION
Conditio	n: In flight, the steady warning horn sounds.
1 Ensu	re proper aircraft landing configuration.

E5.2 737MAX QRH 12/19/22

Rapid Depressurization Quick Reference Handbook (continued)



Rapid Depressurization Quick Reference Handbook (continued)