

ATTACHMENT 3

Flight Deck Documentation

On-Scene Flight Deck Documentation:

EFIS mode select panel:

Right

Selector name	Selection
Mode selector	MAP
ADF selector	OFF
Range selector	10

Left

Selector name	Selection
Mode selector	MAP
ADF selector	OFF
Range selector	10

All three VHF comm selectors had the TFR switch in the left position

Exterior light control Glareshield left

Selector name	Selection
WING LDG LTS Switch (L/R)	L ON/R OFF
FLOOD LTS GRD Switch (L/R)	L ON/R ON
NOSE LTS Switch	BRT

Exterior light control Glareshield right

Selector name	Selection
ANTI-COLLISION Lights Switch	ON
WING/NACL Lights Switch	ON
POS/STROBE Lights Switch	BOTH

Air conditioning panel

Selector name	Selection
L/R VALVE TEMP CONTROL Indicator	Cold
L/R PRESS Gauge	L 2.5 PSI/R 2 PSI
TEMP SEL Display Selector	10 o'clock position
RADIO RACK Switch	CABIN SPLY
CABIN TEMP Gauge	MIN below 30 deg
CKPT/CABIN TEMP Selector	1 o'clock position
L/R SUPPLY Switch	AUTO
CKPT TEMP AUTO switch	10 o'clock position

APU Air Switch and Air Flow Indicator

Selector name	Selection
APU AIR Switch	ON

Cabin Altitude/Differential Pressure Gauge and Cabin Climb Gauge

Selector name	Selection
CAB ALT/DIFF PRESS Gauge	MIN
CABIN CLIMB Gauge	MIN

Air Conditioning Shutoff Switch and Ram Air Switch

Selector name	Selection
AIR COND SHUTOFF Switch	AUTO
RAM AIR Switch	OFF

Cabin Pressure Control Panel

Selector name	Selection
CABIN PRESSURE System Selector Panel	
APL/CABIN Altitude Scale	
FLOW Light (amber)	
RATE LIMIT Control Knob	11 o'clock position
LDG BARO Knob and Window	Vertical
LDG ALT Knob and Window	Vertical
CABIN PRESSURE System Selection Switch	AUTO 1

Ice Protection Panel

Selector name	Selection
HEATER/CUR Meter	0
METER SEL & HEAT Selector	CAPT
AIR FOIL Anti-Ice Switch	ON
WINDSHIELD ANTI-FOG Switch	ON
L/R ENG Anti-Ice Switch	ON
TAIL De-Ice Pushbutton	

Windshield Wipers

Selector name	Selection
RAIN WIPER Selector	OFF
RAIN REPELLENT - Deactivated	UP

MCP - Pitch Control Section
 Heading selection 15 degrees

Stability Augmentation and Autopilot

Selector name	Selection
YAW DAMP Switch	ON
MACH TRIM COMP Switch	NORM
AP Warning Light (red)	
AUTOPILOT REL Button	
AP ON Switch	
AP ON 1/2 Selector Switch	1

Flight Director (FD)

Selector name	Selection
FD CMD Selector	All in 12 o'clock position
FD Switch (2)	FD

Audio Control Panel

Selector name	Selection
VHF -2	1 o'clock
HF - 2	2 o'clock
CAB/SERV INT	12 o'clock
1/C	12 o'clock
Amplifier Switch	AMP-1
Radio/Intercom Switch	center
MASKS/BOOM Microphone Switch	BOOM
Voice/Range Selector	B

Overhead Electrical Panel Controls and Indicators

Selector name	Selection
APU PWR Switch	OFF
EXT PWR Switch	OFF
DC BUS X TIE Switch	OPEN
L/R DC LOAD Meter	0
EMER PWR Switch	ON
BATT Switch (Pull And Twist To Lock On)	OFF

Electrical Power Panel

Selector name	Selection
APU GEN Switch	NORM
Indicator Selector Switch	R
L/R GEN Switch	NORM
L/R APU BUS Switch	ON/ON
L/R EXT PWR BUS Switch	OFF/OFF

LOOP A and B Light (L ENG/R ENG/APU)

Selector name	Selection
LOOP A and B Light (L ENG/R ENG/APU)	All 3 on BOTH

Engine Controls

Selector name	Selection
ENG SYNC Selector	OFF
ENG IGN Selector	SYS A
L/R FUEL HEAT Switch	OFF
ENG SYNC Selector	OFF

Engine Display Panel

Selector name	Selection
MAN EPR SET Knob (2)	pressed

APU Controls

Selector name	Selection
APU AIR Switch	ON
APU Doors Switch	AUTO
APU MASTER Switch	RUN
APU FIRE AGENT (NO.1/NO.2) Switches	OFF
APU FIRE CONT Switch	NORM

Cockpit Fire Controls/Indicators

Selector name	Selection
LOOPS Switch (L ENG/R ENG/APU)	BOTH/BOTH/BOTH
APU FIRE AGENT Switch (NO 1/NO 2)	OFF
APU FIRE CONT Switch	NORM

CADC and STATIC AIR Selectors

Selector name	Selection
CADC Selector	All 3 on NORM

Oxygen life

Pressure Gauge in center of green

FLT RCDR Switch

Selector name	Selection
FLT RCDR Switch	NORM

IRS Control Panel

Selector name	Selection
Mode Selector 1, 2	NAV, NAV

Fuel Control Panel

Selector name	Selection
AFT/FWD PUMPS Switch (LEFT/RIGHT)	ON/ON ON/ON
AFT/FWD PUMPS Switch (CTR)	OFF/OFF

Anti-Skid Controls and Brake Temperature Indication

Selector name	Selection
ANTI-SKID Switch	ARM
TEST CKT Switch	OFF

Weather Radar / TCAS Control Panel

Selector name	Selection
Mode Selector	WX/TCAS
BRT Knob	max
Antenna Tilt Selector	3-4
GAIN Selector	AUTO
A/B - ABOVE/NORMAL/BELOW Pushbutton switch	10

Ground Proximity Warning System (GPWS)

Selector name	Selection
GND PROX WARN Switch	NORM

Windshear

Selector name	Selection
Windshear Test Switch	NORM

Thunderstorm Light	OFF
Cockpit flood light	OFF
Wing/Nacel	ON
Anti collision	ON
Pos Strobe	BOTH
FD	left and right FD
Auto Throttle	off
AP ON	1
Flood lights	ON
Nose Lights	BRT
Wing LDG LTS	L EXT ON/ R EXT OFF

Instrument and PED LTS

Panel	FULL bright 6 o'clock Top knob 11 o'clock full bright
Digital	FULL bright 5 o'clock
FLOOD	OFF 7 o'clock

Overhead console LTS
Panel
Flood

Full Bright
OFF

Additional Observations

Aircraft cockpit was documented by the Systems Group. Electric power was not available to any instruments or systems due to aircraft damage. Therefore only position of movable switches, selectors, levers and indicators were recorded if it was possible to determine.

The cockpit was examined and documented for general condition, available documents, emergency equipment and selection and position of indicators and controls.

General condition: There were numerous small water bottles in various positions on the cockpit floor, including one behind the Captains (CA) left rudder pedal. These bottles roll easily and their position was possibly the result of forces due to the travel of the aircraft during the accident or the recovery process. A speed card booklet and a printout of the aircrafts pre departure clearance (PDC) found in the vicinity of the captains rudder pedals. A MD-88 Normal Checklist was found under the First Officer (FO) rudder pedals. Two MD-88 Quick Reference Handbooks were found on the glareshield. The one on the FO side was open to a page labeled EVACUATION.

Documents and booklets relating to the operation of the aircraft were found stored in various locations. Three single ear Dave Clark headsets were located. One was in a compartment beneath the CA side window that was partially filled with water.

Document	#	Revision #	Date
PDC 1086 ATL LGA 1324Z	1		05 Mar 1315Z
NOTIFICATION TO CAPTAIN NOTOC	1		05MAR15 0751
MD-88/90 Takeoff and landing Speed Book JT8D-219/v2528-D5	2		06-06-13
DELTA MD-88 Normal Checklist 2015	2		February 12,
MD-88 Quick Reference Handbook 2014	2	17	October 23,

Jeppessen, ILS or LOC 13 11-3 LGA	2		15 AUG 14
"C" Kit Production	1		27 FEB
"F" Kit Production	1		27 FEB
Non ETOPS Brick Kit Production	1		30 JAN
MD-88/90 Flight Crew Training Manual	2	1	OCT 23, 2014
FCTM, Delta Air Lines			
MD-88 Operational Data Manual 2015	1	79	February, 12
Operational Manual, Vol. 2 Delta		4	May 8, 2014
MD-88 Quick Reference Checklist	2		30 JAN 15
Other equipment:			
Life Jackets, Red adult	3		
Fire Extinguisher	1		Pressure in green band
Oxygen tank	1		1000PSI
Smoke Goggles	3		