



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

January 8, 2020

Attachment 3 – Accident Flight Dispatch Release

OPERATIONAL FACTORS

DCA19CA208

DL805_26Aug19

* FLT 0805/26AUG SHIP 911 ATL-ORD DOMESTIC RLS 1 *

DAL 0805/26AUG ETE- 1:23 RLS 1

██████████ DESK

CSR ██████████

DELTA AIRLINES HISTORY DETAIL RECORDS

PAGE 19

	FLT	DATE TIME	MSG
HD	0805	26AUG2005	RL ATL

██████████ PHONE-██████████

ATL/KATL/HARTSFIELD - JACKSON - ORD/KORD/CHICAGO-OHARE INTL
SCHEDULED ATL/KATL 2145Z-1745L - ORD/KORD 0007Z-1907L
PLANNED 2145Z-1745L 2347Z-1847L
DEST ALTN: DSM/KDSM/DES MOINES INTL
DEST ALTN: FNT/KFNT/BISHOP INTL

SHIP 911 IFR BLK FUEL 29900
MIN F

HD 0805 26AUG2005 RL ATL

UEL FOR T/O 27122

CAPTAINS SIGNATURE VERIFIES THAT CURRENT FAR 121.445 SPECIAL
AIRPORT PICTORIALS (JEPP 19-XX)-IF REQUIRED FOR THIS FLIGHT-
HAVE BEEN REVIEWED WITHIN THE LAST 12 MONTHS.

I HAVE RECEIVED WEATHER REPORTS AND FORECASTS FOR THE
DESTINATION AND ALL REQUIRED ALTERNATE AIRPORTS. I BELIEVE
THE PLANNED FLIGHT C

HD 0805 26AUG2005 RL ATL

AN BE COMPLETED SAFELY AND I CONSIDER
MY PHYSICAL CONDITION SATISFACTORY FOR THIS FLIGHT:

CAPTAIN 1 SIGNATURE/PRINTED NAME/CREW BASE

CAPTAIN 2 SIGNATURE/PRINTED NAME/CREW BASE

I CONSIDER MY PHYS

CSR ██████████

DELTA AIRLINES HISTORY DETAIL RECORDS

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	FLT	DATE TIME	MSG
HD	0805	26AUG2005	RL ATL

ICAL CONDITION SATISFACTORY FOR THIS FLIGHT

DL805_26Aug19

FIRST OFFICER 1 SIGNATURE/PRINTED NAME/CREW BASE

FIRST OFFICER 2 SIGNATURE/PRINTED NAME/CREW BASE

HD 0805 26AUG2005 RL ATL

* FLT 0805/26AUG SHIP 911 ATL-ORD DOMESTIC RLS 1 *

ACARS USE 0805/26 LOCAL DEP DATE IS 26AUG

FLIGHT DIS
HD 0805 26AUG2005 RL ATL
PATCH RELEASE ACKNOWLEDGEMENT - CAPTAIN COPY

I CONSIDER ALL FACTORS INCLUDING MY OWN PHYSICAL
CONDITION SATISFACTORY FOR THIS FLIGHT.

DESK PHONE-
DAL 0805/26AUG ETE- 1:23 RLS 1
ATL/KATL/HARTSFIELD - JACKSON - ORD/KORD/CHICAGO-OHARE INTL
SCHEDULED ATL/KATL 2145Z-1745L - ORD
HD 0805 26AUG2005 RL ATL
/KORD 0007Z-1907L
PLANNED 2145Z-1745L 2347Z-1847L
DEST ALTN: DSM/KDSM/DES MOINES INTL
DEST ALTN: FNT/KFNT/BISHOP INTL

TARGET LANDING WINDOW *** 2331Z - 2341Z ***

IFR IC
CSR DELTA AIRLINES HISTORY DETAIL RECORDS
PAGE 21
MSG
HD 0805 26AUG2005 RL ATL
AO FLIGHT PLAN
SHIP 911 MD88/M-SDE2E3FGIRWZ/LB1
PBN/B1C1D1 NAV/RNVD1E2A1 SUR/260B REG/N911DL

DL805_26Aug19

SEL/DLKP CODE/AC9AB8

RMK/ NRP

ELEVATION ATL/KATL 1026 FT ORD/KORD 680 FT

KATL VARNM2 GLAZR Q118 MZZ VEECK4 KORD

FL 320 T-O-C WINDS 24039 ISA P13

ETE- 1:23 NM 561 TAS 451

SCHEDULED GATE E9

PASSENGERS

HD 0805 26AUG2005 RL ATL
149

CARGO 11

ZERO FUEL WT 114693

BLOCK FUEL 29900

MIN FUEL FOR T/O 27122

RAMP WT 144593

TAKEOFF GROSS WT 143921

FMS RESERVE FUEL 10719

LANDING WT 132785

HD 0805 26AUG2005 RL ATL
COST INDEX 44

FLIGHT PLAN FUEL REQUIRED DISCRETIONARY
TIME/BURN TIME/BURN

TAXI :18/

HD 0805 26AUG2005 RL ATL
672

TRIP ATL/KATL-ORD/KORD 1:23/ 11137

ALTN: DSM/KDSM FL360 :50/ 6172

ALTN: FNT/KFNT FL340 :35/ 4736

RESERVE FUEL :45/ 4547

CONTINGENCY FUEL :50/ 5266 :20/ 2106

CSR [REDACTED]

DELTA AIRLINES HISTORY DETAIL RECORDS

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MSG

HD FLT DATE TIME
0805 26AUG2005

RL ATL

MIN FUEL FOR T/O

* 27122 *

BLOCK FUEL

* 29900 *

DL805_26Aug19

ENR

HD 0805 26AUG2005 RL ATL
OUTE FUEL PLAN

*** PLANNED LNDG FUEL AT DEST *** 18092 ***

*** MINIMUM LNDG FUEL AT DEST *** 10719 ***

*** AVAIL DELAY FUEL *** 7373

WHICH IS 70 MINS AT FL150/CLEAN

HD 0805 26AUG2005 RL ATL

TAXI IN :21/ 784

FIX LIST KATL VARNM GLAZR JEDER HELUB VOSTK ROYYZ HEVAN MZZ
NYLEN VEECK BOONE HANNI CLUSO KAYTO PINKK KORD

MEL ITEMS FOR SHIP NUMBER 911

01 N23-95

HD 0805 26AUG2005 RL ATL

-03 - WIFI REPORTED INTERMITTENTLY INOPERATIVE

EXPIRES 17DEC19 AT 2359Z

02 N25-36-02 - COFFEE MAKER DAMAGED / INOPERATIVE

EXPIRES 24DEC19 AT 2359Z

DISPATCHER REMARKS

CSR [REDACTED] DELTA AIRLINES HISTORY DETAIL RECORDS

PAGE 23

HD FLT DATE TIME MSG
0805 26AUG2005 RL ATL

01 NONE

FLIGHT OPERATIONS AND MAINTENANCE REMARKS

911 NO SHIP NOTAMS

DELTA CITY PAIR REMARKS

HD 0805 26AUG2005 RL ATL

NO AIRPORT PAIR NOTAMS

DELTA AIRPORT REMARKS

*****KATL/ATL -- ATLANTA-HARTSFIELD -
HD 0805 26AUG2005 RL ATL
JACKSON
ATLANTA I*****

GEN

AIRPORT

ATL N573/18 24APR181218Z-UFN
ALL DELTA AIRCRAFT ARE CAPABLE OF ACHIEVING ALL
PUBLISHED NON-STANDARD CLIMB GRADIENTS FOR ALL
PROCEDURES AT ATLANTA AIRPORT./[REDACTED]
//24DEC18CC

ATL N952/19 19JUN191159Z-UFN
WHEN THE ATL VOR IS OTS: RWY 27R ENGINE OUT
CSR [REDACTED] DELTA AIRLINES HISTORY DETAIL RECORDS
PAGE 24
FLT DATE TIME MSG
HD 0805 26AUG2005 RL ATL
PROCEDURE
REVISE TO READ MAINTAIN RUNWAY HEADING TO 1300FT MSL
THEN TURN LEFT HEADING 260 DEGREES UNTIL 1426FT MSL
THEN CONTINUE VIA THE DP OR AS CLEARD BY ATC.
10-7 UPDATE PENDING.//[REDACTED]/RB19JUN19

*****KORD/ORD -- CHICAGO-CHICAGO-OHARE INTL*****

GEN

NO GEN NOTAMS FOR LOCATION

*

HD 0805 26AUG2005 RL ATL
*AIRPORT**

NO COMPANY NOTAMS FOR ORD

DELTA ALTERNATE AIRPORT REMARKS

DL805_26Aug19

*****KDSM/DSM -- DES MOINES-DES MOINES INTL*****

GEN

NO GEN NOTAMS

CSR [REDACTED]

DELTA AIRLINES HISTORY DETAIL RECORDS

PAGE 25

FLT DATE TIME
HD 0805 26AUG2005
FOR LOCATION

MSG
RL ATL

AIRPORT

NO COMPANY NOTAMS FOR DSM

*****KFNT/FNT -- FLINT-BISHOP INTL*****

GEN

NO GEN NOTAMS FOR LOCATION

AIRPORT

NO COMPANY NOTAMS FOR FNT

OVERFLT AUTHORIZATIONS

HD 0805 26AUG2005 RL ATL

NO OVERFLT AUTHORIZATIONS APPLICABLE TO PLANNED ROUTE

SCHEDULED ATL/KATL 2145Z-1745L - ORD/KORD 0007Z-1907L
PLANNED

HD 0805 26AUG2005 RL ATL
2145Z-1745L 2347Z-1847L

PLND PLND TAKEOFF ETE ETA PLND PLND
OUT OFF
2145Z 2203Z Z 1:23 Z 2326Z 2347Z
1745L 1803L TZDIF MINU
HD 0805 26AUG2005 RL ATL
S 1.0HRS L 1826L 1847L

RTE LAT MAG IAS/M GS ZT TRMG ZF
FMS LONG TRUE FL ZD ETA ATA PRMG

DL805_26Aug19

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TAXI          N 3338.2
CSR          DELTA AIRLINES HISTORY DETAIL RECORDS
PAGE 26
MSG
HD          FLT      DATE TIME      RL  ATL
          0805      26AUG2005
          1:23
KATL          W08425.7      CLB          29.2
-----
DCT          N 3417.0  M350          439 :09  1:14  2.3
VARNM          W08435.7  T348  CLB          40          26.9
-----
HD          0805      26AUG2005      RL  ATL
-----
* T-O-C *      N 3530.1  M001  271/.75  463 :09  1:05  2.0
          W08441.9  T356  FL320      73          24.9

** COST INDEX 44 **

** FIR KZID (INDIANAPOLIS) ** N3621.1 W08446.4 **
-----
DCT          N 3625.3  M001  271/
HD          0805      26AUG2005      RL  ATL
.75  474  :07  :58  0.8
GLAZR          W08446.8  T356  FL320      55          24.1

** DAL POSN RPT **
-----
Q118          N 3828.3  M006  271/.75  473 :16  :42  1.9
VOSTK          W08443.1  T001  FL320      123          22.2

** FIR KZAU (CHICA
HD          0805      26AUG2005      RL  ATL
GO) ** N4017.5 W08534.8 **
-----
Q118          N 4029.6  M345  273/.75  450 :17  :25  2.0
MZZ          W08540.8  T340  FL320      129          20.2
-----
DCT          N 4052.0  M347  273/.75  442
HD          0805      26AUG2005      RL  ATL
:03  :22  0.3
NYLEN          W08549.0  T344  FL320      23          19.9
-----
* T-O-D *      N 4105.0  M298  272/.75  424 :05  :17  0.6
          W08629.4  T293  FL320      33          19.3

** COST INDEX 55 **
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DL805_26Aug19

CSR [REDACTED]

DELTA AIRLINES HISTORY DETAIL RECORDS

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HD	FLT	DATE	TIME	MSG	RL	ATL
DCT	N 4107.5	M298			430	:01 :16 0.0
VEECK	W08637.1	T293	DES		6	19.3
DCT	N 4121.8	M303			372	:04 :12 0.1
BOONE	W08711.5	T299	DE			
HD	0805	26AUG2005		RL	ATL	
S	30		19.2			
DCT	N 4130.2	M322			346	:02 :10 0.0
HANNI	W08721.5	T318	DES		11	19.2
DCT	N 4139.3	M330			3	
HD	0805	26AUG2005		RL	ATL	
06 :02 :08	0.1					
CLUSO	W08729.7	T326	DES		11	19.1
DCT	N 4143.9	M324			272	:01 :07 0.0
KAYTO	W08735.0	T320	DES		6	19.1
HD	0805	26AUG2005		RL	ATL	
DCT	N 4149.9	M324			265	:02 :05 0.1
PINKK	W08741.7	T320	DES		8	19.0
DCT	N 4158.5	M317			244	:05 :00 0.9
KORD	W08754.3	T313	DES		13	1
HD	0805	26AUG2005		RL	ATL	
8.1						

ENROUTE FORECAST WINDS

FIX	CRZ	FL	FL240	FL300	FL340	FL390
TROP	SAT	TAT	SAT	TAT	SAT	TAT
GLAZR	32	22040	23020	22042	2	

CSR [REDACTED]

DELTA AIRLINES HISTORY DETAIL RECORDS

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HD	FLT	DATE	TIME	MSG	RL	ATL
3040	24046					
	46 -36 -09	-16 013	-31 -04 -41 -15 -54 -29			
VOSTK	32 25032	26023	24030	25032	23037	
	46 -37 -10	-17 012	-32 -05 -42 -16 -53 -28			

DL805_26Aug19
MZZ 32 27026 26026 27027 28024 28021
45 -37 -10 -18 011 -33 -06 -42 -16 -53 -28
N
HD 0805 26AUG2005 RL ATL
YLEN 32 27029 28030 28030 27029 28031
45 -37 -10 -17 012 -33 -06 -43 -17 -53 -28

FORECAST WINDS *1605Z* - NEXT UPDATE AT 2250Z

DESCENT FORECAST WINDS

30000

HD 0805 26AUG2005 RL ATL
25000 20000 15000 10000 05000
27029 28035 28033 29032 28023 23028

WAYPOINT NOTAMS (COMPANY AND GOVERNMENT)

HD 0805 26AUG2005 RL ATL

NO ENROUTE NOTAMS FOUND

██████████ T DESK ██████████ PHONE-██████████
DAL 0805/26/RLS 1 ATL-ORD 26AUG2005Z

CSR ██████████ DELTA AIRLINES HISTORY DETAIL RECORDS

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FLT DATE TIME MSG
HD 0805 26AUG2005 AFP ATL
A36A08

080526ATL01FPS2.0

██████████ DESK ██████████ PHONE-██████████ 26AUG19
DL0805/26/RLS 1 ATL 2145Z 1745L-ORD 0007Z 1907L ALTN DSM

SHIP 911 MD88/M-SDE2E3FGIRW/L
SELCAL DLKP FL 320 562 MI
ELEV KATL 01026 FT KORD 00680 FT

HD 0805 26AUG2005 AFP ATL

MEL ITEMS FOR SHIP NUMBER 911

01 N23-95-03 - WIFI REPORTED INTERMITTENTLY INOPERATIVE

DL805_26Aug19

EXPIRES 17DEC19 AT 2359Z
02 N25-36-02 - COFFEE MAKER DAMAGED / INOPERATIVE
EXPIRES 24DEC19 AT 2359Z

FLIGHT OP
HD 0805 26AUG2005 AFP ATL
ERATIONS AND MAINTENANCE REMARKS

911 NO SHIP NOTAMS

ALL WEIGHTS IN POUNDS
RAMP WT 144593 PAYLOAD 149/29683
INCLDS CG0/11
TOGW 143921 LWT 132785 PAYLOAD 149/029683 TAXI 18/672

HD 0805 26AUG2005 AFP ATL
MPTW 146921 BASED ON FLT PLN
TARGET ON FUEL 18092
ATL - ORD

COST INDEX 44

FLIGHT PLAN FUEL REQUIRED DISCRETIONARY

CSR [REDACTED] DELTA AIRLINES HISTORY DETAIL RECORDS
PAGE 30

FLT DATE TIME MSG
HD 0805 26AUG2005 AFP ATL
TIME/BURN TIME/BURN

TAXI :18/ 672
TRIP ATL/KATL-ORD/KORD 1:23/ 11137
ALTN: DSM/KDSM FL360 :50/ 6172
ALTN: FNT/KFNT FL340 :35/ 4736

RESERVE FUEL

HD 0805 26AUG2005 AFP ATL
:45/ 4547

CONTINGENCY FUEL :50/ 5266 :20/ 2106

MIN FUEL FOR T/O

* 27122 *

BLOCK FUEL

HD 0805 26AUG2005 AFP ATL

DL805_26Aug19

* 29900 *

ON FUEL 18092 TAXI IN :21/ 784

** TARGET GATE ARVL FUEL 17308 **

ENROUTE FUEL PLAN

*** PLANNED

HD 0805 26AUG2005 AFP ATL

LNDG FUEL AT DEST *** 18092 ***

*** MINIMUM LNDG FUEL AT DEST *** 10719 ***

*** AVAIL DELAY FUEL *** 7373

WHICH IS 70 MINS AT FL150/CLEAN

DISPATCHER REMARKS

HD 0805 26AUG2005 AFP ATL

01 NONE

CSR

DELTA AIRLINES HISTORY DETAIL RECORDS

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FLT DATE TIME MSG
HD 0805 26AUG2005 LTI
0805/26AUG19/ATL/** SUCCESS **/

HD 0805 26AUG2005 LTI
0805/26AUG19/ORD/** SUCCESS **/

HD 0805 26AUG2006 AOK
FLT 0805/26ATL STAGED FOR AUTO OPEN

HD 0805 26AUG2007 LTI
0805/26AUG19/ATL/** SUCCESS **/

HD 0805 26AUG2007 LTI
0805/26AUG19/ORD/** SUCCESS **/