

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

June 24, 2020

Attachment 8 – Accident Flight Closeout

OPERATIONAL FACTORS/HUMAN PERFORMANCE

DCA19LA134

Final Radio Closeout

114: Event Date/Time = 11Apr19 00:24:20 (GMT) Device ID = 000000 Agent ID = NO-AAA
Employee # = [REDACTED]

Flt# = 0300 JFK LAX Dep Time (GMT) = 10Apr 00:30 Nose# = 796 Reg# = N114NN Equip = 321T

History Type = WB

WB

AUTO RADIO CLOSEOUT

- LOAD CLOSEOUT RVSN 00 2024L

0300 JFK-LAX N796

TOW 182936

FOB 45202F

ZFW 137734

STAB N/D .8

R/A F-YES A-NO

ZFW CG 34.5

TOW CG 31.0

PSGR 102 W0 X0

LAP 0

CREW 8

TSOB 110

CHILD 1

PSGR WGT 19782

CGO WGT 2596

EOW 115356

SECOK

44: Event Date/Time = 10Apr19 23:22:00 (GMT) Device ID = 000000 Agent ID = NO-AAA
Employee # = [REDACTED]

Flt# = 0300 JFK LAX Dep Time (GMT) = 10Apr 00:30 Nose# = 796 Reg# = N114NN Equip = 321T

History Type = WB

WB

AMERICAN AIRLINES JET FUEL SERVICE RECORD 10/2322Z
FLT 300 10 JFK - LAX ACFT 796 EQUIP 321T
FUEL DENSITY 6.72 FUEL GRADE DPTR TIME 2030 GATE 33

* REFUEL VALVE SELECTION POSITION INFORMATION ON REFUEL PANEL *
* OPEN - MANUAL MODE, NORM - AUTO MODE, SHUT - CLOSED *
* /USED FOR MANUAL MODE/ *
* UNLESS SYSTEM IS INOP, REFUEL VALVE POSITION SELECTION *
* SWITCH MUST BE IN NORM POSITION /AUTO MODE/ *
* ***** *
* MAXIMUM DIFFERENCE OF FUEL LOAD BETWEEN MAIN WING TANKS IS *
* 1000 LBS. *

TANK	GAUGE READING BEFORE FUELING -LBS-	GAUGE READING AFTER FUELING -LBS-	GATE RELEASE QTY. REQUIRED -LBS-	TANK
L	-----	-----	13759	L
C	-----	-----	14555	C
R	-----	-----	13759	R
A1	-----	-----	4149	A1
A2	-----	-----	0	A2
	-----	-----	0	
	-----	-----	0	
TOTAL	-----	-----	46222	TOTAL
CALCULATED FUEL ADDED				
-AFTER TOTAL LBS MINUS BEFORE TOTAL LBS-			----- POUNDS	
DIVIDED BY ACTUAL DENSITY			----- GALLONS	
GALLONS ADDED FROM EQUIPMENT METER			----- GALLONS	

ACTUAL DIFFERENCE

----- GALLONS

ALLOWABLE DIFFERENCE

290 GALLONS

* FUELER--NOTIFY AIRCRAFT MAINTENANCE BEFORE FLIGHT DEPARTURE *
* WHEN ALLOWABLE DIFFERENCE IS EXCEEDED AFTER FUELING *

FUEL CAP INSTALLED

-INITIAL-

FUEL PANEL DOOR CLOSED

-INITIAL-

SIGNATURE AND EMP NO.

EQUIP NO.

REMARKS

MEL ITEMS

DISTRIBUTION: ORIG - AA OPS

FORM NO. 10012 REV. 8/1/2016

47: Event Date/Time = 10Apr19 23:22:03 (GMT) Device ID = 187951 Agent ID = HDQ-QLN
Employee # = [REDACTED]

Flt# = 0300 JFK LAX Dep Time (GMT) = 10Apr 00:30 Nose# = 796 Reg# = N114NN Equip = 321T

History Type = WB

WB

STA PRES ALT FLT/DTE AIRPL DTE/TIME
JFK 18 0300/10 796 10/2322Z

*** A321 -A5 SHARKLET DRY ***

TEMP PTOW ATOW ZFW ZFW CG FUEL TXI FUEL
12C 183.4 185.4 138.2 34.0 46.2P 1.0

***** THRUST / V-SPEED *****

TOW CG STAB
MAX EPR 30.6 N/D 0.8
APU OFF 1.61
APU ON 1.62 F S GRN DOT
165 213 235

RWY	CONF	APU	EPR	V1	VR	V2	AT	MTOW
04L	01	OFF	1.49	150	156	160	46C	206.1S
31LZ	01	OFF	1.51	150	156	160	43C	206.1S
31LX	01	OFF	1.49	150	156	160	46C	206.1S
31L	01	OFF	1.49	150	156	160	46C	206.1S
04LX	01	OFF	1.49	150	156	160	46C	206.1S

***** AIRPORT NOTES *****

SPECIAL ENGINE-FAILURE PROCEDURES

EXIST RWY 31L/R.

RWY 04L INTXN TAKEOFFS...

04LX FROM TXWY K2.

RWY 31L INTXN TAKEOFFS...

31LX FROM TXWY JA/JB/Y.

31LY FROM TXWY K/KD.

31LZ FROM TXWY KE.

***** AIRPORT ANALYSIS DATA *****

STRUCT WT LIMIT 206.1

CONF	APU	CLIMB LIMIT	TEMP C	RWY 04L	RWY 31LZ	RWY 31LX	RWY 31L	RWY 04LX
01	OFF	210.5	12	211.6	206.5	215.8	216.8	210.3
	OFF	210.5	14	211.4	206.2	215.5	215.9	210.0
	ON	214.5	12	214.9	209.5	216.8	216.8	213.4
	ON	214.4	14	214.6	209.2	215.9	215.9	213.1
	HDWND ADD	/ KT		210	230	80	0	210
	TLWND SUB	/ KT		1990	1290	1890	1970	1690
E/O	ACCEL	/AFL/	FT	1000	1000	1000	1000	1000
		/MSL/	FT	1010	1010	1010	1010	1010
IMPROVED PERFORMANCE								
01	ON		12	215.5	0	0	0	0
	ON		14	215.2	0	0	0	0
	A/I ON SUB			.3	0	0	0	0
	PLANNED WIND	KT		H0	H0	H0	H0	H0
02	OFF	208.7	12	209.7	204.5	213.7	216.5	208.3
	OFF	208.7	14	209.4	204.2	213.4	215.8	208.0
	ON	212.7	12	212.8	207.6	216.2	216.8	211.4
	ON	212.7	14	212.5	207.3	215.8	215.9	211.1
	HDWND ADD	/ KT		210	220	210	20	210
	TLWND SUB	/ KT		2060	1140	1820	1860	1490
E/O	ACCEL	/AFL/	FT	1000	1000	1000	1000	1000
		/MSL/	FT	1010	1010	1010	1010	1010
LENGTH - FT				11351	10925	13132	14511	10984
SLOPE - PCT				.0	.0	.0	.0	.0

A/I ON SUB FROM CLB .3 RWY .3

END

** JFK TAA 18-071 **

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RW 13L/31R - UNGROOVED

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RWY 13L/31R - DATA BASED ON
SMOOTH RUNWAY

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FOR CHANGES SEE RF 8001 ENG FOR EOD

***** WEIGHT AND BALANCE DATA *****

-----LOAD-----TOTALS-----LIMITS-----CMPT MAX--AS LDED--
EOW 115356 ZFW 138161 MZFW 162700 F1 4800 0

PSGR WT	19782	FUEL	46222P	*** STD ***	F2	7600	3023
CGO WT	3023	RMP	184383	MRMP 207000	A1	1500	0
BALLAST	0	TXI	1020		A2	1800	0
		TOW	183363		AB	1080	0
CNFIG F 10 C 20 W 0 Y 72							
PSGRS F 10 C 20 W 0 Y 72 W-0 X-0							
CRT ADDRESS			AGENT			PHONE	
