



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

December 6, 2019

Attachment 4 – Accident Flight Dispatch Release

OPERATIONAL FACTORS

DCA19CA151

Domestic Dispatch Release

Flight 2842 from MDW to JAX

SOUTHWEST AIRLINES IFR DISPATCH RELEASE-1
FLIGHT 2842

JEPP PLAN# 2797
05/25/19 1707Z

DEPART 1925Z ARRIVE 2140Z STE/ETE: 01+59/01+50 TAXI OUT: 00+11
KMDW/MDW: 1425L KJAX/JAX: 1740L TAXI IN: 00+05
" 1425C 1640C PROPOSED DEPARTURE TIME: 1925Z

REMARKS:

AC EQUIP - ELTS

DISPATCH ADD FUEL FOR POSSIBLE ENROUTE TURBULENCE/WEATHER

FLT: AC: NOSE: TYPE: CAP: ATOG: LM:
2842 N8697C 8697 B737-800W 175 153.7 L

DEPART: KMDW/MDW (620` ) ARRIVE: KJAX/JAX ( 29`) DIST: 0757 NM
T/O ALTN: ALTN 1: ALTN 2:

FMS RTE MDWJAX01:

KMDW..DENNT..DARCY..DREGS..DUMGE..SCOTO..SWAPP..ATL..DUCHY OHDEA1
KJAX

KMDW: N4147.2 W08745.1

TOC: 390 WIND: 245/060 TEMP/DEV: M56/+01 FL CHANGE: 390

MEL/CDL:

NO ITEMS

	FUEL	TIME	PLAN	WEIGHT	STRUC	LIMIT
ENROUTE BURN	0097	01+50	OW	092714		
CONT/HOLD	0015	00+19	PYLD	026500		
DISP ADD	0012	00+15	ZFW	119200	MZFW	136500
ALTERNATE	0000	00+00	FOB	016500	MFW	046100
FAR RESERVE	0036	00+45	TOW	135700	MTOW	174200
MEL/CDL	0000		BURN	009700		
BALLAST	0000		LGW	126000	MLGW	144000
MINIMUM TAKEOFF	0160	03+09	MQTW	171300		

EXTRA 0005
PLAN TAXI OUT 0003 00+11
MINIMUM PLANNED 0168

TANKER 0000
MAXIMUM PLANNED 0168

PLAN ARR FUEL 0068 01+25 ARR STN CONT FUEL IMPACT: 16 MIN

AVG WIND P002 CRZ CI40

FUEL BURN ADJUSTMENT FOR 1000 LBS INCREASE IN TOW: 0052 LBS

TAKEOFF: 22L

WIND	TEMP	QNH	RWY COND	BLDS	ENG	AI	FP	WT	LMT
000T00	26	29.92	5-GOOD	OFF	OFF		25	157.0	0

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LANDING: 08

WIND	TEMP	QNH	RWY COND	BLDS	ENG/WNG	AI	ICE	FP	WT	LMT
000T00	33	30.09	DISP-DRY	OFF	OFF/OFF		NO	40	153.7	S

ENROUTE:	APU	ENG	A/I							
ENROUTE (METHOD 1)	NORM	ON								
SEGMENT			TERRAIN	OVRWGT		WT		ALT		
NO LIMITING TERRAIN						174.2		NONE		

[REDACTED]

[REDACTED]

[REDACTED]

SIGNATURE: _____

----- FITNESS FOR DUTY STATEMENT -----

EACH CREWMEMBER AFFIRMATIVELY STATES HE OR SHE IS FIT FOR DUTY IN ACCORDANCE WITH 14 CFR PART 117.

[REDACTED]

SIGNATURE: _____

[REDACTED]

SIGNATURE: _____

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX END OF RELEASE XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

SOUTHWEST AIRLINES OPERATIONAL FLIGHT PLAN
FLIGHT 2842

JEPP PLAN# 2797
05/25/19 1707Z

WYPT	FREQ	AWY	IAS	MCH	ALT	TRP	MSA	MC	SEGD	FRMN	TTREM	ETA / ATA
LAT	LONG		TAS	G/S	TMP	WND	ALFT	TC	DTGO	SEGF	TTIME	SEGT
NAVAID	NAME				ATP	AWND		MH		AFOB		

KMDW	---	---	---	CLB	---	---	---	0000	16.4	01+50	 /
N4147.2	W08745.1	---	---	---	---	---	---	0757	00.3	00+00	00+00
..				...		---					

TOC	..	244	CLB	390	490	032	157	0120	13.0	01+31	 /
N3950.4	W08718.0	454	452	M56	245	/060	153	0637	03.5	00+19	00+19
..				...			165				

SCOTO	..	244	790	390	490	032	157	0045	12.5	01+25	 /
N3910.1	W08651.3	454	452	M56	245	/060	153	0592	00.5	00+25	00+06
..				...			165				

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SWAPP .. 244 790 390 500 050 157 0173 10.6 01+02 /
N3636.8 W08510.9 455 460 M55 253/040 153 0419 01.9 00+48 00+23
.. ... 163

ATL 116.9 .. 244 790 390 500 078 174 0183 08.7 00+38 /
N3337.7 W08426.1 455 453 M55 255/028 168 0236 02.0 01+12 00+24
ATLANTA ... 177

TOD .. 244 790 390 490 046 151 0114 07.5 00+23 /
N3203.6 W08309.6 455 462 M55 264/016 146 0122 01.2 01+27 00+15
.. ... 152

KJAX OHDEA1 --- --- DSC --- --- 114 --- 06.8 00+00 /
N3029.6 W08141.3 --- --- --- --- / --- 108 0000 00.6 01+50 00+23
.. ... 121

----- ALTITUDE/ROUTE OPTIONS -----

.. ALTITUDE FUEL TIME FMS RTE NBR
.. -----
.. AC WT DOES NOT ALLOW HIGHER OPTION
.. 370 0098 01+49 MDWJAX01
.. 350 0100 01+49 MDWJAX01

----- ATC FLIGHT PLAN -----

(FPL-SWA2842-IS
-B738/M-SDE2E3GHIJ4RWZ/S
-KMDW1925
-N0454F390 DCT DENNT DCT DARCY DCT DREGS DCT DUMGE DCT
" SCOTO DCT SWAPP DCT ATL DCT DUCHY OHDEA1
-KJAX0150
-PBN/A1C1D1L101S2T1 NAV/RNVD1E1A1 RNP10 RNP4 DAT/1FANSP2PDC
" REG/N8697C
"EET/KZID0018 KZTL0051 KZJX0129
"SEL/AHQ5)

----- RAIM OUTAGE TIMES -----

NO RAIM OUTAGES

----- ALTERNATE DATA -----

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	ELEV	MSA	DIST	FL	W/C	TIME	FUEL
T/O ALTN	-						
DEST ALTN 1	-						
DEST ALTN 2	-						

----- ENROUTE WIND AND TEMPERATURE SUMMARY -----

MDWJAX01

WPT	FL250	FL290	FL310	FL330	FL370	FL410
KMDW						
DENNT	26060M2503	25064M3402	25068M3904	24073M4303	25087M5202	25075M5805
DARCY	26057M2503	25061M3402	25065M3802	25070M4303	25085M5202	25073M5805
DREGS	26055M2403	25060M3401	25062M3803	24066M4302	25080M5201	25068M5805
DUMGE	26053M2403	25059M3301	25060M3803	24061M4301	25073M5201	25062M5804
SCOTO	26052M2401	26054M3302	25054M3802	25054M4301	25061M5201	25056M5803
SWAPP	26044M2400	26042M3301	26040M3802	26036M4302	26043M5102	26040M5903
ATL	26024M2401	26021M3301	26020M3800	26020M4301	25025M5102	26028M5901
DUCHY	25007M2300	25008M3300	25008M3800	26009M4201	26013M5101	27018M5902
ILTAC	13005M2300	09004M3301	08004M3700	07004M4101	00008M5103	31013M6002
FORMB	09005M2300	08004M3300	08004M3700	08004M4100	02007M5102	33012M6002
OHDEA	09007M2300	08006M3300	08006M3700	07006M4101	02008M5102	34012M5902
KIPLE	09007M2300	08006M3300	07006M3700	07006M4100	02008M5103	34012M5902
KITZO	09008M2300	08008M3300	07008M3700	07008M4100	03009M5102	35012M5901
CEDOT	09009M2300	08009M3300	07009M3700	07009M4200	03010M5102	00015M5902
KJAX	09010M2300	08010M3300	07010M3700	07010M4200	03010M5102	01017M5903

DESCENT WINDS

34000	30000	24000	18000	12000	09000
07/007M44	08/006M35	09/008M20	07/010M07	12/006P06	10/005P12

----- ENROUTE RADIO FREQUENCIES -----

WYPT	LAT	LONG	STATION	SWA FREQ	ARINC FREQ
KMDW	N4147.2	W08745.1	MDW	129.27	129.40
SCOTO	N3910.1	W08651.3	IND	130.12	129.45
SWAPP	N3636.8	W08510.9	BNA	...	...
ATL	N3337.7	W08426.1	ATL	130.25	131.17
KJAX	N3029.6	W08141.3	JAX	131.70	...

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX END OF FLIGHT PLAN XXXXXXXXXXXXXXXXXXXXXXXXXXXX