



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

December 13, 2019

Attachment 2- Dispatch Release

SPECIALIST REPORT

DCA19CA213

OPERATIONAL FLIGHT PLAN PAGE 1/7 RLSD 06SEP19 1554.04Z									
NK967 CS:NKS967 RLS ID 04 CI 75 LBS IFR		06SEP19 319 N515NK/CJMP V2524-A5		KCLE/CLE 1330LCL/1730Z KRSW/RSW 1615LCL/2015Z BLK:0245 KCLE FUEL: 2.02 ETD:1330LCL/1730Z KRSW FUEL: 2.15 ETA:1601LCL/2001Z TANKER SAVINGS: -\$9/1000LBS				FC VALID 061200 TO 070000 BOOKED: 103 GATE: EDCT:	
ADD INFO/REMARKS: IA:KCLE-KSFB-KRSW (MDT=60) GRID MORA CHECK PERFORMED ONE ENG OUT DRIFTDOWN PASSED RAIM CHECK - PASSED ACF90=30/ACF95=30/ACF99=30/ SAMPLE=60 AVGBDE=60 STDEV=73									
MEL/CDL ITEMS: NO PERF PENALTY									
ROUTE TEXT: KCLER24L CAVVS2 APE J83 SPA DCT IRQ DCT WIGVO Q77 TEUFL DCT CYNTA SHFTY5 KRSWR24 F380 IRQ/F370 WIGVO/F360									
RTNG: GD 929 GCD 890 AD 936 W/C H3 TDV P10 MAXS 04/BOCAP COLDEST TEMP M48/SPAYD CI 75 RT 001 VIA APE J83 SPA IRQ WIGVO Q77 TEUFL CYNTA									
NO ALTN		FUEL	TIME	DISPATCH LOAD:					
TRIP		11374	02:13			PAYLOAD:		21118	
TAXI OUT		317	00:12	EZFW:		111735		MZFW:(S) 128968	
CONT		0	00:00	ETOW:		129112		MTOW:(S) 162600	
ALTN ()		0	00:00	ELDW:		117738		MLDW:(S) 137787	
FINAL RESERVE		3571	00:45	REMF:		6003		MIN DIV: 3571	
POLICY		0	00:00	FMS INIT LOAD:					
DISP.EXTRA		0	00:00	KCLE/KRSW					
APU		0	00:00	LDG ELEV: 30FT		PRF FACTOR%: 3.6			
RQD AT TO		14946	02:58	CI: 75		TROP0: 48513			
TANKER/EXTRA		2432	00:32	ALTN		DIST	TIME	FL	FUEL
TOTAL RAMP FOB		17694	03:30						
FUEL PENALTIES:									
1000 LBS		+194LBS							
10 KTS		+267LBS	00:03	DISP.EXTRA :					
CI:0 (ZERO)		-373LBS	00:07	TANKER/EXTRA :					
I CERTIFY THAT THIS FLIGHT IS DISPATCHED/RELEASED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS AND THAT I AM RESTED AND FIT FOR DUTY PER FAR 117.5									

CAPTAIN: MATTHEW CROFTS	FIRST OFFICER: ANDREW HARDMAN	DISPATCHER: GERARDO MOTA DESK 07
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OPERATIONAL FLIGHT PLAN PAGE 2/7 RLSD 06SEP19 1554.04Z

NK967	06SEP19	KCLE/CLE 1330LCL/1730Z	FC VALID
CS:NKS967	319	KRSW/RSW 1615LCL/2015Z	061200 TO 070000
RLS ID 04	N515NK/CJMP	BLK:0245	BOOKED:
CI 75	V2524-A5	KCLE FUEL: 2.02 ETD:1330LCL/1730Z	103
LBS IFR		KRSW FUEL: 2.15 ETA:1601LCL/2001Z	GATE:
		TANKER SAVINGS: -\$9/1000LBS	EDCT:

ADD INFO/REMARKS:
IA:KCLE-KSFB-KRSW (MDT=60)
GRID MORA CHECK PERFORMED ONE ENG OUT DRIFTDOWN PASSED
RAIM CHECK - PASSED
ACF90=30/ACF95=30/ACF99=30/ SAMPLE=60 AVGBDE=60 STDEV=73

MEL/CDL ITEMS:
NO PERF PENALTY

ROUTE TEXT:
KCLER24L CAVVS2 APE J83 SPA DCT IRQ DCT WIGVO Q77 TEUFL DCT CYNTA SHFTY5 KRSWR24
F380 IRQ/F370 WIGVO/F360

RTNG:
GD 929 GCD 890 AD 936 W/C H3 TDV P10 MAXS 04/BOCAP COLDEST
TEMP M48/SPAYD CI 75 RT 001 VIA APE J83 SPA IRQ WIGVO Q77 TEUFL CYNTA

NO ALTN	FUEL	TIME	DISPATCH LOAD:			
TRIP	11374	02:13			PAYLOAD:	21118
TAXI OUT	317	00:12	EZFW:	111735	MZFW:(S)	128968
CONT	0	00:00	ETOW:	129112	MTOW:(S)	162600
ALTN ()	0	00:00	ELDW:	117738	MLDW:(S)	137787
FINAL RESERVE	3571	00:45	REMF:	6003	MIN DIV:	3571
POLICY	0	00:00	FMS INIT LOAD:			
DISP.EXTRA	0	00:00	KCLE/KRSW			
APU	0	00:00	LDG ELEV: 30FT		PRF FACTOR%: 3.6	
RQD AT TO	14946	02:58	CI: 75		TROP0: 48513	
TANKER/EXTRA	2432	00:32	ALTN	DIST	TIME	FL FUEL
TOTAL RAMP FOB	17694	03:30				
FUEL PENALTIES:						
1000 LBS	+194LBS					
10 KTS	+267LBS	00:03	DISP.EXTRA :			

CI:0 (ZERO)	-373LBS	00:07	TANKER/EXTRA :
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CAPTAIN: MATTHEW CROFTS	FIRST OFFICER: ANDREW HARDMAN	DISPATCHER: GERARDO MOTA DESK 07	

OPERATIONAL FLIGHT PLAN PAGE 3/7 RLSD 06SEP19 1554.04Z					
NK967	06SEP19	KCLE/CLE 1330LCL/1730Z		FC VALID	
CS:NKS967	319	KRSW/RSW	1615LCL/2015Z	061200 TO 070000	
RLS ID 04	N515NK/CJMP	BLK:0245		BOOKED:	GATE:
CI 75	V2524-A5	KCLE FUEL: 2.02 ETD:1330LCL/1730Z		103	
LBS IFR		KRSW FUEL: 2.15 ETA:1601LCL/2001Z			EDCT:
		TANKER SAVINGS: -\$9/1000LBS			

ADD INFO/REMARKS:
IA:KCLE-KSFB-KRSW (MDT=60)
GRID MORA CHECK PERFORMED ONE ENG OUT DRIFTDOWN PASSED
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ACF90=30/ACF95=30/ACF99=30/ SAMPLE=60 AVGBDE=60 STDEV=73

MEL/CDL ITEMS:
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ROUTE TEXT:
KCLER24L CAVVS2 APE J83 SPA DCT IRQ DCT WIGVO Q77 TEUFL DCT CYNTA SHFTY5 KRSWR24 F380 IRQ/F370 WIGVO/F360

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GD 929 GCD 890 AD 936 W/C H3 TDV P10 MAXS 04/BOCAP COLDEST
TEMP M48/SPAYD CI 75 RT 001 VIA APE J83 SPA IRQ WIGVO Q77 TEUFL CYNTA

NO ALTN	FUEL	TIME	DISPATCH LOAD:			
TRIP	11374	02:13			PAYLOAD:	21118
TAXI OUT	317	00:12	EZFW:	111735	MZFW:(S)	128968
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ALTN ()	0	00:00	ELDW:	117738	MLDW:(S)	137787
FINAL RESERVE	3571	00:45	REMF:	6003	MIN DIV:	3571
POLICY	0	00:00	FMS INIT LOAD:			
DISP.EXTRA	0	00:00	KCLE/KRSW			
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FUEL PENALTIES:								
1000 LBS	+194LBS							
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CI:0 (ZERO)	-373LBS	00:07	TANKER/EXTRA :					
I CERTIFY THAT THIS FLIGHT IS DISPATCHED/RELEASED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS AND THAT I AM RESTED AND FIT FOR DUTY PER FAR 117.5								
CAPTAIN: MATTHEW CROFTS 			FIRST OFFICER: ANDREW HARDMAN 			DISPATCHER: GERARDO MOTA DESK 07		

OPERATIONAL FLIGHT PLAN PAGE 4/7 RLSD 06SEP19 1554.04Z										
NK 967 CS:NKS967 RLS ID 04 CI 75 LBS IFR		KCLE/CLE 1330LCL/1730Z KRSW/RSW 1615LCL/ 2015Z BLK:0245 KCLE FUEL: 2.02 ETD:1330LCL/1730Z KRSW FUEL: 2.16 ETA:1601LCL/2001Z			OUT: IN: BLK:		OFF: ON: FLT:		REMB: UPLIFT: BRF: REM:	
DEP INFO (ATIS):					ZFW LBS:		VR:			
					ZFW CG:		V2:			
					REMARKS:		MRTW LBS:			
					RUNWAY:		LIMIT:			
CLEARANCE:					EFP:		MTOW LBS:			
					CONFIG PACKS:		TOW:			
					FLAPS:		TOW CG:			
					FLEX:		TRIM:			
					V1:		ASDR:			
BURN		TIME		FL PROFILE						
2 FL HI 11671		2:13		F380 IRQ/F390 WIGV0/F380						
1 FL HI 11671		2:13		F380 IRQ/F390 WIGV0/F380						
PLAN 11691		2:13		F380 IRQ/F370 WIGV0/F360						
1 FL LO 11982		2:12		F360 IRQ/F350 WIGV0/F340						
2 FL LO 12247		2:11		F340 IRQ/F330 WIGV0/F320						
T/O ALTN	EET	CREW	PAX	PYLD	PF0B	EZFW	ETOW	RTOW		
	02:13	/		21118	17694	111735	129112			
FILED - AT 1548Z/06SEP19 (FPL-NKS967-IS -A319/M-SDFGHLRWXYZ/H -KCLE1730 -N0462F380 CAVVS2 APE J83 SPA DCT IRQ/N0463F370 DCT WIGV0/N0465F360 Q77 TEUFL DCT CYNTA SHFTY5 -KRSW0213 -PBN/A1B1C1D1L101S2 NAV/RNVD1E1A1 REG/N515NK SEL/CJMP OPR/SPIRIT AIRLINES DOF/190906 EET/KZID0011 KZTL0039 KZJX0115 KZMA0149)										
RVSM FL LEVEL:					(ALT. DIFF. MAX 200 FT)					
LEFT ALT:			STBY ALT:			RIGHT ALT:				
AWY MOCA	WPT FRQ NAME/FIR LAT/LONG	DIST REMD ACCD	MH MC	TIME ACCT REMT	ETA ATA REV	FL TRP SHR	WIND SAT TDV	TAS MN G/S	EFREM ACCF AFREM	

799FT	KCLE24L CLEVELAND-HOPKINS N41246W081513	0 929 0		0 0000 0213					17.38 0.32
CAVVS2 026	412130N0815400W N41215W081540	5 924 5	211 222	02 0002 0211		CLB			16.88 0.81
CAVVS2 027	KYRIE N41115W081583	11 913 16	218 206	02 0004 0209		CLB			16.34 1.35
CAVVS2 028	LBRON N40574W082058	16 897 32	221 210	03 0007 0206		CLB			15.81 1.88
CAVVS2 029	CAVVS N40376W082179	22 875 54	218 212	03 0010 0203		CLB			15.25 2.45

OPERATIONAL FLIGHT PLAN PAGE 5/7 RLSD 06SEP19 1554.04Z									
AWY MOCA	WPT FRQ NAME/FIR LAT/LONG	DIST REMD ACCD	MH MC	TIME ACCT REMT	ETA ATA REV	FL TRP SHR	WIND SAT TDV	TAS MN G/S	EFREM ACCF AFREM
CAVVS2 029	FIR KZID INDIANAPOLIS N40342W82200	4 871 58	218 213	01 0011 0202		CLB			15.16 2.54
CAVVS2 029	APE D116.70 APPLETON N40091W082353	28 843 86	186 213	03 0014 0159		CLB			14.61 3.08
J83 028	TOC SPAYD/-77NM N39283W082297	41 802 127	186 181	06 0020 0153		CLB			13.97 3.72
J83 028	SPAYD N38116W082195	77 725 204	181 182	10 0030 0143		380 485 02	270/036 M48 P9	462 .789 464	13.16 4.54
J83 051	FIR KZTL ATLANTA N36590W82101	73 652 277	184 181	09 0039 0134		380 508 01	276/030 M49 P8	462 .791 464	12.39 5.31
J83 082	(IA1) N35192W081577	100 552 377	184 182	13 0052 0121		380 500 01	272/022 M48 P9	462 .789 465	11.34 6.36
J83 027	SPA D115.70 SPARTANBURG N35020W081556	18 534 395	197 181	02 0054 0119		380 500 01	272/022 M48 P9	462 .789 465	11.15 6.55
DCT 025	S/D(380) IRQ/-3NM N33447W082093	78 456 473	197 195	10 0104 0109		380 502 00	274/012 M48 P9	461 .788 461	10.33 7.36
DCT 021	IRQ D113.90 COLLIERS N33424W082097	3 453 476	182 195	01 0105 0108		DSC			10.32 7.37
DCT 021	S/D(370) WIGVO/-3NM N32295W082025	73 380 549	182 179	10 0115 0058		370 502 01	240/026 M47 P10	463 .789 452	9.53 8.16
DCT 020	WIGVO JACKSONVILLE N32274W082023	3 377 552	188 182	00 0115 0058		DSC			9.53 8.17

Q77 020	TEUFL N31520W082011	36 341 588	191 185	05 0120 0053		360 502 01	242/025 M45 P11	465 .790 454	9.13 8.56
DCT 020	CYNTA N30365W082056	76 265 664	192 188	10 0130 0043		360 502 02	224/019 M45 P11	465 .790 451	8.29 9.40
SHFTY5 020	BOCAP N30112W082079	26 239 690	177 191	03 0133 0040		360 502 04	212/012 M46 P10	464 .790 454	8.01 9.69
SHFTY5 020	HEPOX N29231W081583	49 190 739	176 177	07 0140 0033		360 502 04	212/012 M46 P10	464 .790 456	7.48 10.22
SHFTY5 020	WOSAK N28476W081513	36 154 775	176 177	04 0144 0029		360 507 02	170/010 M47 P9	463 .791 453	7.09 10.61
SHFTY5 020	INPIN N28332W081484	15 139 790	172 176	02 0146 0027		360 508 02	174/008 M48 P8	462 .791 454	6.92 10.77
SHFTY5 R 020	FIR KZMA MIAMI N28149W81432	19 120 809	174 172	03 0149 0024		360 508 02	174/008 M48 P8	462 .791 455	6.72 10.98

OPERATIONAL FLIGHT PLAN PAGE 6/7 RLSD 06SEP19 1554.04Z									
AWY MOCA	WPT FRQ NAME/FIR LAT/LONG	DIST REMD ACCD	MH MC	TIME ACCT REMT	ETA ATA REV	FL TRP SHR	WIND SAT TDV	TAS MN G/S	EFREM ACCF AFREM
SHFTY5 020	TOD VALCH/-8NM N28110W081421	4 116 813	174 172	00 0149 0024		360 508 02	174/008 M48 P8	462 .791 455	6.68 11.02
SHFTY5 020	VALCH N28033W081399	8 108 821	203 172	02 0151 0022		DSC			6.66 11.04
SHFTY5 020	SHFTY N27424W081460	22 86 843	189 201	03 0154 0019		DSC			6.59 11.10
SHFTY5 020	(IA2) N27419W081460	0 86 843	187 185	00 0154 0019		DSC			6.59 11.10
SHFTY5 020	WRTRS N27356W081458	7 79 850	165 185	01 0155 0018		DSC			6.57 11.13
SHFTY5 020	MAZZY N27070W081320	32 47 882	165 163	05 0200 0013		DSC			6.45 11.25
SHFTY5 020	MOEMO N27006W081289	7 40 889	164 163	01 0201 0012		DSC			6.42 11.28
SHFTY5 020	LBV LA BELLE N26497W081235	12 28 901	232 163	02 0203 0010		DSC			6.35 11.35
SHFTY5 020 30FT	KRSW24 SOUTHWEST FLORIDA N26322W081453	28 0 929		10 0213 0000		DSC			6.00 11.69

DEST ATIS

OPERATIONAL FLIGHT PLAN PAGE 7/7 RLSD 06SEP19 1554.04Z							
UPPER WIND SUMMARY							
CLIMB SPOT WIND							
ALT 5000 TDV TEMP	WIND 280/010 P6 P11	ALT 18000 TDV TEMP	WIND 288/056 P13 M8	ALT 24000 TDV TEMP	WIND 290/056 P12 M21	ALT 30000 TDV TEMP	WIND 294/059 P7 M37
WINDS/TEMPERATURES ALOFT FORECAST							
	39000	37000	35000	33000	22000	10000	
412130N081	266052M50	276053M51	286054M48	292056M44	288056M17	284026P5	
KYRIE	266052M50	276053M51	286054M48	292056M44	288056M17	284026P5	
LBRON	266052M50	276053M51	286054M48	292056M44	288056M17	284026P5	
CAVVS	266052M50	276053M51	286054M48	292056M44	288056M17	284026P5	
APE	266043M49	272040M49	278038M46	286037M43	298048M16	292039P8	
SPAYD	268038M48	272034M48	276030M44	284029M40	312033M16	304034P10	
SPA	270022M49	276023M47	282025M42	290025M37	344023M16	344027P11	
IRQ	274012M49	274012M47	274013M42	284013M37	332021M16	352020P12	
WIGVO	236028M49	240026M47	244024M42	256020M37	334019M16	008020P11	
TEUFL	236028M49	240026M47	244024M42	256020M37	336019M16	008020P11	
CYNTA	208017M50	218018M48	230020M42	244020M37	358015M16	006016P13	
BOCAP	158011M51	194012M49	230013M43	248017M38	310012M15	330010P12	
HEPOX	158011M51	194012M49	230013M43	248017M38	310012M15	330010P12	
WOSAK	136010M52	158010M50	182010M44	204014M38	278014M15	306016P12	
INPIN	124007M52	158007M50	192008M45	216013M39	256018M15	296014P11	
VALCH	124007M52	158007M50	192008M45	216013M39	256018M15	296014P11	
SHFTY	100010M53	140010M51	180011M46	206014M40	244013M15	278015P11	
WRTRS	100010M53	140010M51	180011M46	206014M40	244013M15	278015P11	
MAZZY	100011M53	140011M51	180012M46	208015M40	246013M15	278014P11	
MOEMO	100011M53	140011M51	180012M46	208015M40	246013M15	278014P11	
LBV	102011M53	142011M51	182012M46	208015M40	246013M15	278014P11	
RODDE	240020M53	240017M51	240014M46	234015M40	232018M15	282015P11	
OMOKY	240020M53	240017M51	240014M46	234015M40	232018M15	282015P11	
KRSW	240020M53	240017M51	240014M46	234015M40	232018M15	282015P11	
DESCENT SPOT WIND							
ALT 30000 TDV TEMP	WIND 222/022 P12 M32	ALT 24000 TDV TEMP	WIND 230/020 P15 M18	ALT 18000 TDV TEMP	WIND 236/014 P14 M7	ALT 5000 TDV TEMP	WIND 276/012 P15 P20

