## Delta Air Lines

Bob Oberstar Supervisor – Int'l Flight Control robert.oberstar@delta.com

April 18, 2018

The planning of a flight always has safety as the number 1 priority.

A dispatcher is required to check NOTAMS, weather, MEL's (inoperative aircraft components) and among other items, in the preparation of a flight plan, which includes the ICAO FPL filed with ATC, as well as the release and flight plan information provided to the flight crew.

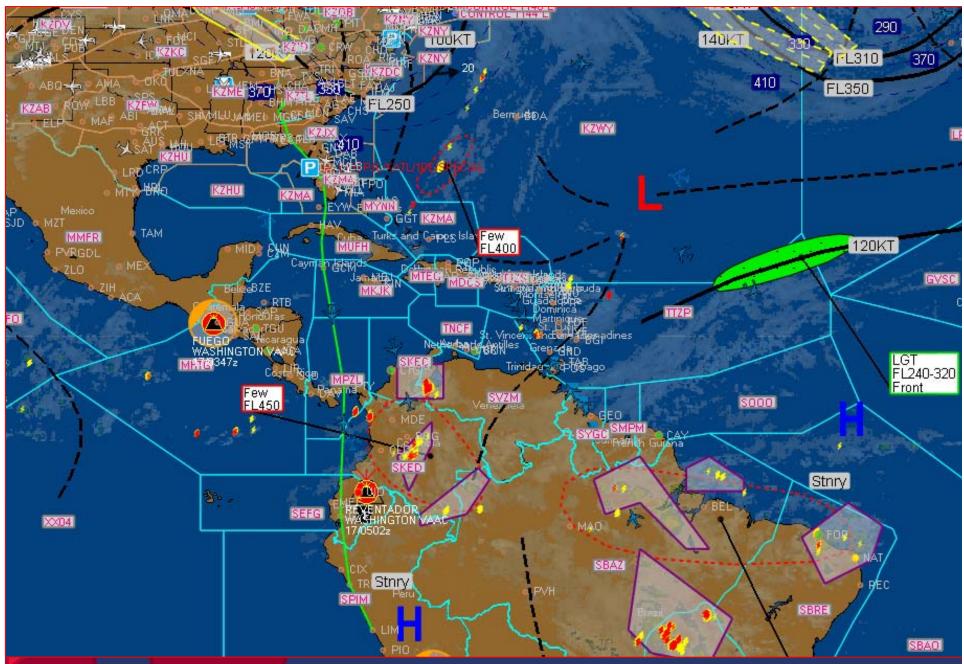
A number of tools are available and used by the FAA licensed Aircraft Dispatchers in the planning of the flight plan, including the Flight Planning System, Flight Following/Tracking tools, and numerous support items for NOTAMS, weather, etc..

<mark>⊱ ⇔ ⇔</mark>	Aircraft Viev	ompute											Save W	IP Sei
0150 LIM-AT	1													
t/Dt Ship			Dptr	ETD (	Dest An	VI ETA	Arvl Var	DP	Block	SCEN	Hold TmTGAF 🔄 TNKR Taxi Sar 🕥 🕅	Max FL		
150/17 1817				0605		300 1255			OB 9780					Comp
m Sec	Tkof 🖂		Pax Ca	argo	SCF Remark	,			DCOM	47 401101	(40007 LIEN			
MGE		CAT 2		39550	NONE						/1203Z-UFN Y DEP AND COORDINATE WITH SENIOR/LIM			
ineral manual ()					[	liou					LATE DEPARTURES DURING LIM RWY CLOSU	IRE		
CDR 🔲 Playbo	ook 🔄 NON-E	QPD	Perfor	mance	VCI ECON	- ICAC	,		NOTA	M A1303/1	7.//PER BOB OBERSTAR//RB12NOV17			
ck Status	Map	ID		Cost	Burn	Brn Diff	Trip Tm	ETA	Arv Df	Init FL	Comments	-	Statu	s Scenario
a 🔺 💧	.GEN	0.U-LOC	K.4		84336		06:23	12:55	-0:05	300	B43		8	Initial
8	GEN.	0		32	84436	100	06:23	12:55	-0:05	300	B43			Current
	CAN.	2		335	85274	937	06:26	12:58	-0:02	300	12W - SPECIAL B43			
à 🙁		4												
d 🛛 🖉	CAN.			596	85473	1136	06:27	12:59	-0:01	300	MKJKW2 - SPECIAL B43			
8 8	CAN.			596 672	85473 86383	1136 2046	06:27 06:29	12:59 13:01	-0:01 0:01	300 300	MKJKW2 - SPECIAL B43 10E - SPECIAL B43			Summa
Route Strip	CAN.	31 CAN.0	BG UL465	672	86383	2046	06:29	13:01	0:01	300		-		Summa
Route Strip	CAN.	31 CAN.0 UL780 T		672 ARNAL	86383 DCT GCM UC	2046 G448 IKBIX D0	06:29	13:01 DCT RSW	0:01 DCT LAL D	300 ICT TAY DO	10E - SPECIAL B43 CT LARZZ JJEDI2 KATL	÷		
Route Strip	CAN.	31 CAN.0 UL780 T		672 ARNAL	86383 DCT GCM UC	2046 G448 IKBIX D0	06:29	13:01 DCT RSW	0:01 DCT LAL D	300 ICT TAY DO	10E - SPECIAL B43	Ŧ	*	Previe Ship
Route Strip SPJC SLS6G S	CAN. GEN.	31 CAN.0 UL780 T TADPO0	77/FL330/R	672 ARNAL	86383 DCT GCM UG 320/LARZZ/FI	2046 G448 IKBIX D0 L280/NEWHP	06:29 CT TADPO I /FL260/DTS	13:01 DCT RSW STR/FL160	0:01 DCT LAL D	300 ICT TAY DO	10E - SPECIAL B43 CT LARZZ JJEDI2 KATL FL120/DAFII/FL080/POOBA/FL070**	Ŧ		Previe
Route Strip SPJC SLS6G S **SPJC/FL300/7 Waypoint	CAN.	31 CAN.0 UL780 T	77/FL330/R	672 ARNAL RSW/FL3	86383 DCT GCM UC	2046 G448 IKBIX DO L280/NEWHP	06:29 CT TADPO I /FL260/DTS	13:01 DCT RSW STR/FL160	0:01 DCT LAL D /WOKIE/FL	300 ICT TAY DO 140/JJEDI/	10E - SPECIAL B43 CT LARZZ JJEDI2 KATL FL120/DAFII/FL080/POOBA/FL070** Characteristics		, * 	Previe Ship
Route Strip SPJC SLS6G S **SPJC/FL300/7 Waypoint SPJC	CAN.	31 CAN.0 UL780 T TADPO0 Type	77/FL330/R Airway SLS6G	672 ARNAL RSW/FL3 FL 0	86383 DCT GCM UG 320/LARZZ/FI	2046 G448 IKBIX D0 L280/NEWHP GMT Time 06:24	06:29 CT TADPO I /FL260/DTS CI 50	13:01 DCT RSW STR/FL160 IAS 0	0:01 DCT LAL D /WOKIE/FL Mach 0.000	300 ICT TAY DO 140/JJEDI/ OVW, F	10E - SPECIAL B43 CT LARZZ JJEDI2 KATL FL120/DAFII/FL080/POOBA/FL070** Characteristics RVS, 10S, On SID: SLS6G-Trans:SLSSPV; OV		, * 	Previe Ship Route
Route Strip SPJC SLS6G S **SPJC/FL300/7 Waypoint SPJC EGUNO	CAN. GEN. GES DCT TRU TORIL/FL320/ Country SP	31 CAN.0 UL780 T TADPO0 Type W	77/FL330/R Airway SLS6G SLS6G	672 ARNAL RSW/FL3 FL 0 113	86383 DCT GCM UG 320/LARZZ/FI	2046 G448 IKBIX D0 L280/NEWHP GMT Time 06:24 06:32	06:29 CT TADPO I /FL260/DTS CI 50 50	13:01 DCT RSW STR/FL160 IAS 0 0	0:01 DCT LAL D /WOKIE/FL Mach 0.000 0.713	300 ICT TAY DO 140/JJEDI/ OVW, F OVW, F	10E - SPECIAL B43 CT LARZZ JJEDI2 KATL FL120/DAFII/FL080/POOBA/FL070** Characteristics RVS, 10S, On SID: SLS6G-Trans:SLSSPV; OV RVS, 10S, On SID: SLS6G-Trans:SLSSPV; OV	W, RVS	, T	Previe Ship Route
Route Strip SPJC SLS6G S **SPJC/FL300/7 Waypoint BPJC EGUNO SLS	CAN.	31 CAN.0 UL780 T TADPO0 Type	77/FL330/R Airway SLS6G SLS6G DCT	672 ARNAL RSW/FL3 FL 0 113 185	86383 DCT GCM UG 320/LARZZ/FI	2046 G448 IKBIX D0 L280/NEWHP GMT Time 06:24 06:32 06:36	06:29 CT TADPO I /FL260/DTS CI 50 50 50	13:01 DCT RSW STR/FL160 IAS 0 0 0	0:01 DCT LAL D /WOKIE/FL Mach 0.000 0.713 0.800	300 ICT TAY DO 140/JJEDI/ OVW, F OVW, F	10E - SPECIAL B43 CT LARZZ JJEDI2 KATL FL120/DAFII/FL080/POOBA/FL070** Characteristics RVS, 10S, On SID: SLS6G-Trans:SLSSPV; OV	W, RVS	, T	Previe Ship Route Fuel
Route Strip SPJC SLS6G S **SPJC/FL300/7 Waypoint SPJC EGUNO SLS TOC Marker	CAN. GEN. BLS DCT TRU FORIL/FL320/ Country SP SP	31 CAN.0 UL780 T TADPO0 Type W	77/FL330/R Airway SLS6G SLS6G DCT DCT	672 ARNAL RSW/FL3 FL 0 113 185 300	86383 DCT GCM UG 320/LARZZ/FI	2046 G448 IKBIX D0 L280/NEWHP GMT Time 06:24 06:32 06:36 06:44	06:29 CT TADPO I /FL260/DTS CI 50 50 50 50 50	13:01 DCT RSW STR/FL160 IAS 0 0 0 340	0:01 DCT LAL D /WOKIE/FL Mach 0.000 0.713 0.800 0.795	300 ICT TAY DO 140/JJEDI/ OVW, F OVW, F CL1, O	10E - SPECIAL B43 CT LARZZ JJEDI2 KATL FL120/DAFII/FL080/POOBA/FL070** Characteristics RVS, 10S, On SID: SLS6G-Trans:SLSSPV; OV RVS, 10S, On SID: SLS6G-Trans:SLSSPV; OV VW, RVS, 10S, On SID: SLS6G-Trans:SLSSPV	W, RVS	, T	Previe Ship Route Fuel Notams/
Route Strip SPJC SLS6G S **SPJC/FL300/7 Waypoint BPJC EGUNO SLS	CAN. GEN. GES DCT TRU TORIL/FL320/ Country SP	31 CAN.0 UL780 T TADPO0 Type W	77/FL330/R Airway SLS6G SLS6G DCT	672 ARNAL RSW/FL3 FL 0 113 185	86383 DCT GCM UG 320/LARZZ/FI	2046 G448 IKBIX D0 L280/NEWHP GMT Time 06:24 06:32 06:36	06:29 CT TADPO I /FL260/DTS CI 50 50 50	13:01 DCT RSW STR/FL160 IAS 0 0 0	0:01 DCT LAL D /WOKIE/FL Mach 0.000 0.713 0.800	300 ICT TAY DO 140/JJEDI/ OVW, F OVW, F CL1, O' CL1, O'	10E - SPECIAL B43 CT LARZZ JJEDI2 KATL FL120/DAFII/FL080/POOBA/FL070** Characteristics RVS, 10S, On SID: SLS6G-Trans:SLSSPV; OV RVS, 10S, On SID: SLS6G-Trans:SLSSPV; OV	W, RVS	, T	Previe Ship Route Fuel

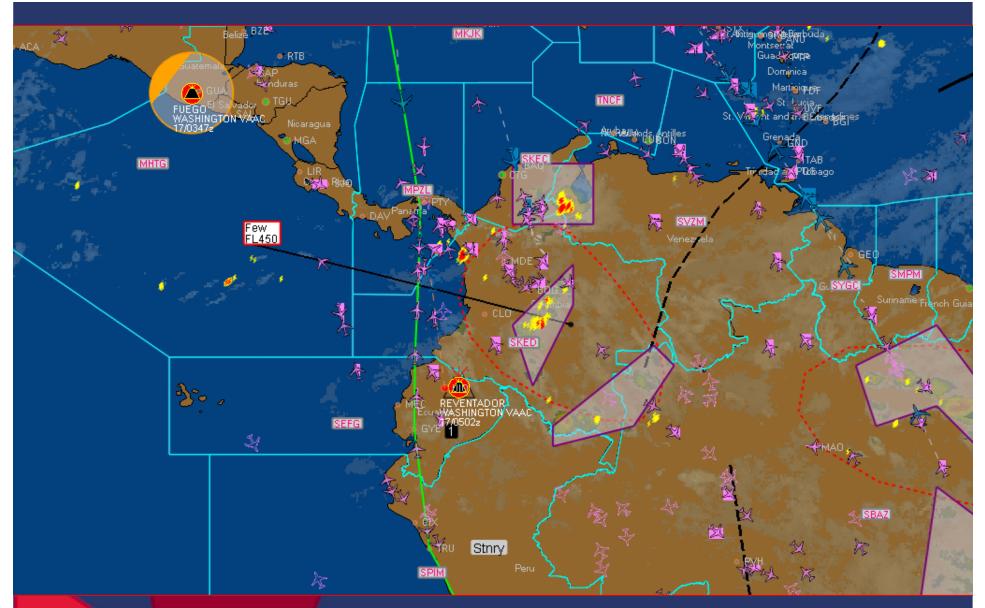
Although airlines use different Flight Planning Systems, the end results are similar in that routes are prepared, and weight and balance data is checked, to ensure a safe and economical flight plan. Information used in the Flight Planning Systems are typically maintained in a DataBase per state AIP information.

light Planner Flight Route	Aircraft View Tools Help				ave WIP Send
MEL/Ship NOTA MEL ITEMS FOI 01 S53-00-01 - F 02 M47-11-01B - EXPIRES 19A 03 M33-42-01A EXPIRES 25A	GEN.CAN.0	R INTL WIFI RADOME RMANCE	▲ Ship Nu ■ Aircraft Engine T Passeng ↓ VHF Ne	B43 The second s	Summary Preview Ship Route Fuel Notams/W2 ETOPS
Aircraft Capabilit ACARS RNAV (Dptr RNAV (Enro SATCOM - V SATCOM - 1	✓ GPS ✓ RVSM TCAS Equipped: ute)	Yes ICAO COM/NAV Codes: SDE2E3FGHIJ3J5M1P2RWXY A1B1C1D1L101S1T1	Aircr Mach Limit (ie .78)	ix Flt Lvl Limits raft: FL430 Pair: No Limit	Driftdown Remarks Weights Errors
FMS HF Extended Over Water Oxygen ADS Type	None Single   None Single   None < 162NM	Dual Dual Dual SN Full	SAR Penalty (%) Enroute Driftdown Penalty APU - Not Required O APU - FULL APU - ELECTRIC O APU - AIR Buffet Factor O Light (1.3g) O Moderate	e (1.5g)	AWABS Constraints Redispatc

Aircraft data fed into the Flight Planning Systems is also maintained within the Airline's aircraft database to reflect the capabilities of those aircraft. When a flight plan is created, the capabilities and equipment codes will be reflected on the ICAO FPL. Friday, April 18, 2018



Most,Fifice yallemajor airlines have a Flight Following tool to track flight progress, as well as weather & turbulence, forecast weather, Warning/Restricted areas, Volcanoes, etc.. Routes overlay the map for a visual idea of FIRs



In addition to Company aircraft, a dispatcher can overlay the flight following map with other airlines for situation awareness. By mousing over the aircraft icon - the airline, city pair, aircraft type, FL, etc. can be determined.

16APR0435 2D1127 FPL 015016LIMATL

## DFF

IFF SPIMZQZX SEFGZQZX SKEDZQZX MPZLZQZX MKJKZQZX MUFHZQZX MUFHZRZQ KZMAZQZX KDENXLDX

160435 KATLDALQ

(FPL-DAL150-IS

-B764/H-SDE2E3FGHIJ3J5M1P2RWXYZ/LB1D1

-SPJC0605

-N0490F300 ISRE1F ISREN UL780 BUXOS DCT TBG/N0489F310 UL465 ARNAL/N0488F320 UL465 GCM UG448 IKBIX Y183 PEAKY/N0482F330 DCT RSW/N0482F340 DCT LAL DCT FAGAN DCT TAY/N0488F330 DCT LAIRI DCT LARZZ JJEDI2

-KATL0610

-PBN/A1B1C1D1L101S1T1 NAV/RNVD1E2A1 SUR/RSP180 DOF/180416 REG/N829MH

EET/SEFG0106 SKED0150 MPZL0217 MKJK0330 MUFH0408 KZMA0438 KZJX0509 KZTL0538

SEL/QSHM CODE/AB5365

RMK/AGCS TCAS II EQUIPPED)

Once all considerations (weather, NOTAMS, aircraft capability) have been analyzed, the ICAO FPL will be displayed and reviewed prior to sending via the AFTN messaging system. The Flight Planning System will take into account inop items (such as Auto Pilots inop) to automatically adjust the ICAO FPL with the removal of the appropriate/equipment codes, as well as flight levels if required.

Once an ICAO FPL has been sent by the Airline Dispatcher, we would like to know as soon as possible whether this flight plan is valid or not (ACK or REJ).

We often find out near the proposed departure time when the crew sends an ACARS datalink message to the dispatcher advising that ATC has no FPL on file. A dispatcher may then just re-file the original ICAO FPL. This may result in multiple ICAO FPLs without correcting the problem. 17APR0006 000000 FPL 214416ATLMCO

DFF KZTLZQZX

IFF KDENXLDX

## 170006 KATLDALQ

(FPL-DAL2144-IS -A321/M-SDE2E3FGIJ4RWYZ/LB1 -KATL0055 -N0461F330 SMLTZ2 WALET DCT OTK PIGLT4 -KMCO0057 -PBN/A1B1C1D1O1S1T1 NAV/RNVD1E2A1 REG/N303DN EET/KZJX0019 KZMA0057 SEL/MQBS CODE/A32ACF)

>

17APR0006 000000 RTA QU ATLFPDL .CHIXCXA 170006 FE KATLDALQ 170006 KZCTZQZX ACK FPL KZTL DAL2144 KATL 0055 KMCO

An example of the acknowledge message (ACK) as received by the FAA within the U.S. The date/time stamp with the ACK is very closely associated with the date/time stamp as sent by the Airline's Operations Center.

QU OCCESDL .CHIXCXA 162122 **FF KOCCDALS** 162122 EUCHZMFP -TITLE REJ -MSGTYP IDEP -FILTIM 162122 -ORIGINDT 1804162122 -BEGIN ADDR -FAC KOCCDALS -FAC KZTLZRZX -END ADDR -COMMENT THIS MESSAGE HAS BEEN REJECTED AUTOMATICALLY -ERROR EFPM220: NO EXISTING FILED FLIGHT PLAN MATCHES THIS MESSAGE -M SGTXT (DEP-DAL130-KATL2120-EDDM-0) 162122 RES 1794

QU OCCESDL .CHIXCXA 170035 FF KOCCDALS KATLDALQ **170035 EUCHZMFP** -TITLE ACK -MSGTYP IFPL -FILTIM 170035 -ORIGINDT 1804170035 -BEGIN ADDR -FAC KOCCDALS -FAC KATLDALQ -END ADDR -IFPLID AA00448104 -MSGTXT (FPL-DAL84-IS -A333/H-SDE2E3FGHIJ3J5M1P2RWXYZ/LB1D1 -KATL0325 -N0485F350 PLMMR2 SPA Q6 0 JAXSN DCT CREWE DCT ENO J191 RBV DCT RIFLE DCT YAHOO/N0483F370 DCT VITOL N45D RAFIN/M082F380 NATV OMOKO/M082F380 NATV GUNSO/M082F380 DCT RATKA/N0464F390 N502 PIKOD UN502 JSY UY111 INGOR/N0465F380 UM25 LUKIP -LFPG0741 LFPO -PBN/A1B1C1D1L1O1S1 NAV/RNVD1E2A1 SUR/RSP180 DOF/180417 REG/N814NW EET/KZDC0037 KZNY0114 KZBW0120 KZWY0155 CZQM0215 CZQX0252 KZWY0255 CZQX0321 EGGX0501 EGTT0643 SEL/FMCL CODE/AB1979 IFP/MODESASP ORGN/KATLDALQ RALT/CYYT LPLA EGCC RMK/ADSB AGCS TCAS II EQUIPPED NRP USA) 170035 rielay, April 18, 2018

	100Z Total ty Roster		Help																										
₽ T		- · · ·		₩ \$8	ALL	-	12i i	li 🖉 -	- <mark>1</mark> 3   1	ų 🍠 -	∺ #4 <b>+</b>	×	RE ACTIVE	• n#	<b>1</b> 83	र्ख 😒	D 🚺	L.	0 t.										
Duty Ros	ter 💥 W	/eather	🐙 G	ates																									
IND	Flight	Ship	Day	Orig	D	Dptr T	Lat	t 🔺 A.	Cre	ew Block	Crew Dut	/	Status		Block	Hold	TGAF	Pr S	e Ma	ax Plan	Payload	Payload	WDR	FPE	FPS Ind.	Rls	Disp	Dptr Var	Arr Var
	902	690	20	SJ0	ATL	1302A		1653	A				Taxi In :14		38.0	:30	8.0			PO 19	96P	187A - 8.8A	SENT	1030A	СТ	1	7D	00:02	-00:14
	703	3248		ATL		1400A		1704					Complete		27.0	:30	9.4	SAP		146	P - 0.0P	145A - 0.0N	SENT	1132A		1	7D	-00:02	-00:12
		3727				1357A		1714					/1621/+1.6/3		30.0	:28	9.6	SAP			P - 0.1P			1134A	СТ	1	7D	-00:07	-00:37
	575	3165		ATL		1406A		1715					/1630/-0.1/3	50	27.0	:26	8.8	SAL			P - 0.0P	98A - 0.0N		1120A		1	7D	00:16	-00:03
	392	3731		PTY		1309A		1708					Taxi In :00		31.0	:23	6.3				P - 1.5P			1045A	STD	1	7D	-00:06	-00:12
	370	3265		MGA		1344A		1723					/1527/-0.2/3		30.0	:32	6.2				57P	151A - 2.4A		1105A		1	7D	00:09	00:05
	849 910	3603 3610		ATL GUA		1415A 1359A		1724 1726					1030/+0.8/+ 1619/+0.5/41		25.6 23.6	:52 :32	9.3 5.7	SAP			P - 0.0P	89A - 0.0N 124A - 0.8A		1147A 1130A		1	7D 7D	-00:02 -00:01	-00:36 -00:03
	353	3821				1355A		1735					/1041/+1.1/.		36.0	1:19	13.4	MGA			P - 0.0P	168A - 0.0N		1121A		1	7D	00:04	-00:15
	904	6700		ATL		1335A		1733					/1652/+0.3/		35.5	:40	12.3	SAL			P - 0.4P			1121A 1200A		1	70	-00:04	-00:23
	900	695		ATL		1405A		1747					/1644/+0.5/3		42.0	1:12	15.1	LIR				191A - 0.9A		1127A		1	7D	00:08	-00:18
	1392	6703	20			1258A		1841					1627/+0.5/3		48.4	:35	8.0					191A - 0.8A		1030A	СТ	1	7D	-00:02	00:21
	962	3752	20	SAL	LAX	1407A		1954	E				1646/+1.0/34		40.6	:32	5.9					152A - 0.6A		1145A	DD, CT	1	7D	-00:08	00:04
	1396	680	20	SJ0	LAX	1401A		2025	E			MTT/	1603/-0.5/36	0	56.2	:30	7.6			PO 10	69P	163A - 0.0A	SENT	1125A	CT	1	7D	00:06	00:05
IND P	P Flight	Ship	Orig	Des	at Da	av Fl	PF	▲ Dp	Dot	Arr Ti	Arr Var	Crew Block	Crew Duty	Disp	D Bloc	k Hok	I TGA	F Pri	Sec	. WDR	Stat	tus Max.	. Latt	Pa	ayload Plan	Payl I	PS Ind.	Rls	
	-	3165	SAP	AT				18185	- p - m	2140E	00:05			70	26.4						Strip				2.4S 132P			1	
		3727	SAL					18515		2234E				70	28.2						Strip				2.35 160P			1	
	356	3821	LIR	AT				19055		2308E	-00:01			70	32.4						Strip				5.4S 180P			1	
	552	3603	TGU	AT	L 2	0 165	50A	1920S		2257E	00:07			7D	23.5	5 :35	5.8				Strip	Sent		1105	2.25 110P	- 2.2P		1	
	I 906	6700	GUA	AT	L 2	0 165	50A	1920S		2249E	-00:01			7D	32.8	3 :34	8.2				Strip	Sent		1985	- NR PO 19	99P		1	
	151	1817	ATL			0 02	:12	2138E	-00:	. 0423E	-00:12			7D							Pre-Re	elease		232E -					
	909	3608	ATL	GU				2150S		01305				7D							Pre-Re			102E					
	981	6712	ATL	BO				21525		0244S				7D					_		Pre-Re			167E					
	673	6702	ATL	UIC				22115		03355				7D					_		Pre-Re		_	187E					
	325	679 1601	ATL SCL	SJ	02 L2			2212S 2340S		0213S 0930S				70							Pre-Re Pre-Re			182E	- 0.4E - 0.0E				
	110	1001	002				.02	20100		05500															0102				
Events	FAM/FDN	I Alerts	Re	marks													-		_		Rot Pi	ilot   Elt Att   I							
vent Time		Fliq			rig	Remark									10/20 PT	GUA-ATI Posn	. A/C	3610 DLC Plnd		CAN IANO	Tm Di	PAX 124			uel Fuel D		Plnd FL	Dut	i FL
20 Apr 16:5		091			UA			-		17:26 GM	-			R	PI					Rptd Tm			Fuel	Rpta P	uer ruer i	111	Pind FL	Rpto	115
20 Apr 15:2		091			UA					17:29 GM						GUA			400	1413R		13							
20 Apr 14:3		091			UA			-		17:31 GM	-					RAB			420	1420			21.6		1.6		165		
0 Apr 14:1		091	.0	G	UA	ETA of	20APR	R 13:32 [	20APR	17:32 GM	r]		8			TATVO		14	426	1426			20.5		0.5		272		
0 Apr 14:1	.3	091	.0	G	UA	OFF at	20APR	R 08:13 [	20APR	14:13 GM	r]					BIBES		14	429	1429			20.1	2	0.1		326		
D Apr 13:	i9	091	0	G	UA	ETA of	20APR	R 13:33 [	20APR	17:33 GM	r]				R	MAVAL		14	436	A 1434	-00:	02	19.2	A 2	0.2 +1.	0	390	3/	80
0 Apr 13:	i9	091	.0	G	UA	OUT at	20APR	R 07:59 [	20APR	13:59 GM	r]; PAX DO	DR CLO				NALDA		14	441	1439			18.6	1	9.6		390		
0 Apr 13:	10	091	0	G	UA	FuelWt	sClseo	outEvnt	Fuel W	leight Clo	oseout: Fu	el Boa	_			UKDRO		14	442	1440			18.6	1	9.6		390		
0 Apr 13:	i0	091	0	G	UA	PsgrC1	seoutE	SvntPas	senger	Closeou	t: First:	D Busi				AXIMA		14	456	1454			17.4	1	8.4		390		
0 Apr 13:	0	091	0	G	UA	CrgoC1	seoutE	SvntCar	go Clo	seout:	Cargo 820	lbs; B				MID.1		15	509	1507			16.3	1	7.3		390		
D Apr 13:4		091			UA	-			-		Cargo 820					MESNA			518	1516			15.6		6.6		380		
0 Apr 13:4		091			UA	-			-		ot:Y; Psor					MEDIR			521	1519			15.3		6.3		380		
-		091			UA			-	•		07:49 [20A				R	BETAS			525	A 1523		02	15.0	A 1		5	380	3	80
20 Apr 13:4					<b>W</b>	T TRUCK		Duou ne	ooru a	a rout	[20M					00100		1.		A 1020			20.0	A 1	J.J +0.	-	000		

20 Apr 11:58

20 Apr 13:49

20 Apr 13:22

20 Apr 13:22

20 Apr 13:20

20 Apr 12:06

0910

0910

0910

0910

0910

GUA

GUA

GUA

GUA

GUA

0910 GUA ETA of 20APR 13:24 [20APR 17:24 GMT]

PyldPlngLngEvnt - Type:AWBS; Snapshot:Y; Psgr:124;...

PyldPlngLngEvnt - Type:LIE; Snapshot:Y; Psgr:122; ...

PyldPlngLngEvnt - Type:LPE; Snapshot:Y; Psgr:124; ...

Boarding Started at 20APR 07:20 [20APR 13:20 GMT]

ETD of 20APR 07:50 [20APR 13:50 GMT]

An important flight watch tool used by Delta Air Lines is the above, which includes all flights worked by a specific dispatch desk. It can be sorted by active flights vs. non-active flights. This tool will allow a dispatcher to see if his/her flights are going according to plan (fuel burn, routes, flight levels, arrival times, etc.). For example, the above highlighted flight DAL910 GUA-ATL is over LEV at 1619Z, +0.5 (indicating 500 lbs. above flight plan fuel), & at FL410. A more comprehensive comparison of flight plan vs. actual is in the lower right screen for that flight.

TABSA

KEHI.T

ALGAE

DOI.PH

LEV

1532

1538

1554

1611

1619

1530

1536

1552

1609

A 1619

14.3

13.7

12.4

11.0

10.4

14.8

14.2

12.9

11.5

+0.5

A 10.9

380

380

380

380

380

410

17:08 GMT

Over the last few months, ZHU has had numerous DAL flights from Honduras and South America with routing discrepancies. Sometimes the pilot (most often) will have direct routings starting at HRV and continue direct to various points all the way to ATL. The computer flight plan, however, will have either HRV.J37.ATL or HRV.J37.SJI..SHYRE.HOBTT2.ATL. In either case, it is not reflective of what the pilot is flying.

Other times, it will be the reverse. We will show direct fixes and the pilot will respond he was cleared via the arrival or via j37 to ATL.

What is consistent is that numerous times a week, the pilots are reporting flying different routes than the computer system for the NAS shows. We have been catching them I believe for the most part, but this is a significant issue for our facility, as we have to verify each flight to ensure accuracy and prevent a deviation.

When queried, the pilots typically respond that they were "cleared as filed" from the departure airport. This makes me think that maybe their FMS has incorrect or old data. Another possibility is somewhere along the way, the wrong flight plan is activated by a foreign facility. What makes this hard to catch is the incorrect routes are only in ZHU/ZTL airspace. They are correct south of our facility.

I currently only have one example in front of me, but I can get more. The latest was:

DAL552 MHTG to ATL. APRIL 4, 2018

We showed entering our airspace A770.LEV.J31.HRV.J37.KATL. Pilot was cleared as filed and had A770.LEV.J31.HRV.J37.SJI..SHYRE.HOBTT2.KATL

An example of feedback (email) from KZHU concerning inconsistent flight plans passed on which differed from what Delta Air Lines had filed.

## Thank you