



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office

WORKING PAPER

FPL/AD/MON — WP/05
19/02/15

FPL Ad hoc Group Missing/duplicated/erroneous Filed flight plan /Flight plan (FPL) Evaluation Meeting (FPL/AD/MON)

Mexico City, Mexico, 24-26 February 2015

Agenda Item 3 Review of the measures adopted during December – January 2014 period for mitigation of errors (recommended actions)

FLIGHT PLANNING IMPROVEMENT INITIATIVE IN THE CARIBBEAN, NORTH, CENTRAL, AND SOUTH AMERICAN REGIONS

(Presented by United States)

EXECUTIVE SUMMARY

This paper presents information regarding the need to improve the quality of flight plan data being submitted into the ATC flight data systems and relayed through the en route, oceanic and terminal Inter-facility Data Communications systems in support of flight in domestic and international airspace. The FAA ERAM automation system interacts with flight plan filers to accept, reject flight plans and associated messages and process the information.

Action:	Take note the content of this paper; review the attached presentation and work in a collaborative manner with NACC member states to identify the deficiencies and causes in regional and adjacent region flight plan filing and work to resolve.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency• Environmental Protection

1. Introduction

1.1 The ERAM En Route ATC system is operational in 20 domestic ATC Air Route Traffic Control Centers (ARTCC) in the United States. The flight planning system within these ARTCCs interacts with flight plan filers to validate FPLs to include changes and cancelations, accepting and rejecting the flight plan providing the filer with the result. If accepted the ICAO or domestic flight plan will be processed and accompany the aircraft in its journey through the international airspace system. . It should be noted that in the vast majority of cases, except “Referred Rejects”, rejection messages will be transmitted directly to the originator. Although message originators may request assistance with formatting, addressing, etc., the originator is primarily responsible for correcting errors and resubmitting the corrected FPL. Values to be filed in the various FPL fields may be specified in Operational Specifications (OpSpec), Minimum Equipment Lists (MEL), Flight Manuals and/or international requirements. Flight Data specialists may not have access to this information and, therefore, should avoid telling filers which values they qualify for. The flight plan data provides interoperability among automated systems allowing data exchange between ATSU that are harmonized to a common standard.

2. Discussion

2.1 The risk of allowing incorrect, redundant and incomplete data to pass through the interfaced ATC systems of the United States, Mexico and Cuba is too great to adopt a passive approach in its resolution. The risk associated the adverse impact on quality of the data being input and processed by international ATC automation systems can nullify many of the benefits associated with automating. In flight planning quality control issues identified by the United States the duplicate/multiple flight plans issues is seen as the most problematic . The FPL Monitoring issue is not an initiative to affix blame but to develop a collaborative international environment where specific problems can be identified, the information passed to the source of the problem and appropriate corrections implemented.

2.2 It has been agreed in NACC FPL Monitoring Group discussions that errors, missing and duplicates have caused safety risks, increased work load and resulted in negative impacts to efficiency. The impacts the errors and reoccurring nature discovered in the data analysis demands an active approach be taken to pursue solutions. Specific instances of errors which yield safety issues have occurred and include misstatement of: aircraft type, wake turbulence category, route and equipment capabilities. Omission of data filed in an original flight plan by a subsequent flight plan is also an error which can have an impact as great as flaws in the data. Specific examples associated with flight plan errors and duplication have been recorded with a many of the aircraft transiting or landing in U.S., Mexican and Cuban airspace and originating often times in South and Central America. In these cases where data is being received which is in error, is missing or the integrity has been compromised, data processing decisions will have to be evaluated. It has been offered that a solution must include quality control initiatives for filers and filing services to improve the transmitted data to conform to ICAO 4444 standards and conventions. The quality control solution must also be a collaborative procedures effort, one aimed at reducing the number of flight plans in error and reducing instances of multiple flight plans for the same flight.

2.3 The US has identified duplicate/retransmitted/multiple flight plans as a multi-layered problem with the NACC Region and adjacent FIRs. It has been offered that safeguarding the integrity of the flight plan data was of primary importance and that the quality of data being introduced into individual ATC systems and forwarded into the collective systems must be maintained at a high level. During and after the Miami - Havana Automated Data Exchange integration it was noted that Havana was having to **manually compare the original FPL from the airline operator against the second one received** from the point of departure. They have stated they use the information coming directly from the airline operator, as more valid versus the information from another source due to the number of errors being detected in the second flight plan. **The group was asked if it was possible to consider this concept as a standard method to be used to validate the information from suspect sources.** This is contrary to normal operations as in most cases the most recently filed flight plan is considered the most valid since it should contain the most recent information. This procedure would be a departure from the standard course of action but may be **necessary to mitigate the impact of flight data with errors.** This procedure is under evaluation by the individual interfaced facilities to weigh the risk and benefits of this approach. It was noted that there are supplementary issues in regard to changing flight plans and standardizing how flight plan filers maintain the flight plan but are at a lower priority tier. Miami ARTCC still has a procedure in place to compare automated data received from Cuba with existing received FPL data for the same flight to determine if there is any disparity between the data received from the two sources. This procedure detracts from the automation gains by having interfaced systems.

2.4 Retransmitted/Duplicate/Multiple Flight Plans - The attached presentation illustrates the issues around the accepts and rejects of flight plans and the impact of poor filing practices on interfaced facilities. Various issues can result from rejects that go uncorrected as different FIRs can have different versions of the flight plan or 'Missing Flight Plans' can result.

2.5 Flight plan errors and duplication/retransmission of flight plans are interconnected problems as multiple flight plans with conflicting information about the same flight can degrade processing efficiency and safety of flight. As can be seen, the issues described in this working paper span international boundaries and will require a collaborative approach to identify the causes which are behind the proliferation of errors. We can identify the specific deficiencies associated with the flight plans but will need the help of ICAO, the ANSPs, and the local filing authorities to improve the quality of flight plans being routed through the international flying environment.

3. Conclusion

3.1 Please note the information presented in this paper and engage in an initiative to examine data being processed within those ATC systems which process flight plan data with the intent of identifying the need for quality assurance initiatives where data integrity could be compromised. The accompanying briefing provides the system information update.

4. Action by the Meeting

4.1 The NACC FPL Monitoring Group is invited to:

- a) note the content of this paper;
- b) review the attached presentation;
- c) work in a collaborative manner with NACC member states to identify the deficiencies in regional flight plan filing and work to resolve.

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APPENDIX A

Filer	ID	POC Name	POC Email	Office	Cell	Other	Comments
ABS Jets (Czech Republic) (LKPRABPX & LKPRABY)		Michal Pazourek (Chf Disp)	pazourek@absjets.cz ops@absjets.cz	+420 220 111 388	+ 420 602 205 852		
ABX Air KILNABXD	ABX	Alain Terzakis Ron Spanbauer	Alain.Terzakis@abxair.com	937-366-2464 937-366-2435	937-655-0703	(800) 736-3973 x62450 (937) 366-2450 24hr.	
Aeroméxico Files thru HP/EDS (MMMAMXW)	AMX	24/7 Dispatch Raul Aguirre (FPF)	atomexcontroldevuelos@aeromexico.com raquirre@aeromexico.com.mx	+52 55 9132 6119 +52 55 9132 6116 +52 55 9132 3405		(281) 233-3406	
Aeroméxico Connect	AMX	dispatch 24/7	atomexcontroldevuelos@aeromexico.com amcctrlvuelos@aeromexico.com	+52 55 9132 3405			
Air Berlin EDDTBERA	BER	Recep Bayindir	Recep.Bayindir@airberlin.com dispatch@airberlin.com	49-30-3434-3705			
AirBridgeCargo Airlines KDCAAABWX UWLWIEPO	ABW	Dmitry Levushkin Chief Flight Dispatcher Volga-Dnepr Airlines	Dmitry.Levushkin@volga-dnepr.com	7 8422 590370 7 8422 590067			Also see Volga-Dnepr Airlines (VDA)
Air Canada CYYZACAW thru LIDO	ACA	24/7 Chief Duty Dispatcher Richard Steele (Mgr Flt Supt) Rod Stone	chiefdx@aircanada.ca Richard.Steele@aircanada.ca rodney.stone@aircanada.ca	Phone = +905-861-7528 +905 861 7572 905 861 7570	647 328-3895	905 861 7528	
Air China Jeppesen KDENXLDS	CCA	Weston Li (Mgr. American Ops) Zhang Yuenian	liwenhua67@hotmail.com liwenhua@airchina.com	604-233-1682	778-883-3315		
Air Europa		Bernardo Salleras Flight Ops	bsalleras@air-europa.com pmiowux@air-europa.com	34 971 178 281 (Ops Mgr)			
Air France LFPGAFRN	AFR	Thierry Vuillaume	Thierry.Vuillaume@airfrance.fr	+33 (0)1 41 56 78 65			
Air India KJFKAICO Files thru HP/EDS	AIC	Puneet Kataria	pkataria@airindiausa.com p_kataria@hotmail.com	718-632-0125 718-632-0162direct	917-9811807	+ 91-22-66858028	Use SABRE for flights arriving/departing USA
Air New Zealand (Uses SABRE software)	ANZ	Steve Kelly	Steve.Kelly@airnz.co.nz flight.despatch@airnz.co.nz	+64 9 2563438 +64 9 256 3941	+64 21 672717	(310) 665-3976 011 649 256 3941	
Air Shuttle KABQASHD	ASH	Sandra Park	Sandra.Park@mesa-air.com	602-685-3748		(602) 685-4300	Also see Mesa Airlines below
Air Sprint ARINC KARIXAAN	ASP	Jim Eliam (Chief Pilot)	dispatch@airsprint.com	888-634-3330	403-680-0159 403-730-2344	(877) 588-2344	
Air Support (Denmark)		Henrik Kristensen Martin Bjerregaard	hk@airsupport.dk mb@airsupport.dk support@airsupport.dk				
Air Transat	TSC	Natalie Ferron				514-906-5115 (Disp) 24 Hr.	
Airbus Industries (France)	AIB	Frédéric Orcival (Airbus Flt Ops)	frederic.orcival@airbus.com account.ops-center@airbus.com	33 (0)5 67 19 07 83 33 (0)5 61 93 20 00			
AirNet (Flight Express no longer in existence, now AirNet) also see Starcheck	FLX		airoperations@airnet.com	877-293-8463			Also see Starcheck
AISR (KAISYFYA)		John Morris David Bradshaw	aismo@att.net David.Bradshaw@faa.gov	513-522-0171	202-256-2630		
Alaska Airlines (File thru Jeppesen-cc: Mark Cooper) KSEAASAB	ASA	Steve Baker Mike Thynes Lynae Craig Jeff Stevens Mark Hickman Dave Higgins	steve.baker@alaskaair.com Mike.thynes@alaskaair.com lynae.jacobson@alaskaair.com, jeff.stevens@alaskaair.com, Mark.hickman@alaskaair.com dave.higgins@alaskaair.com	206-392-6204 206-392-6229 206-392-6338 206-392-6317		(206) 392-6063/6226	Jeppesen = Garin Hathoway

All Nippon Airways (RJTTANAV)	ANA	Mori Hiroshi Fujihara Yo Yasuo Nishiyama (USA Reg Mgr)	hiros.mori@ana.co.jp y.fujihara@ana.co.jp yasuo.nishiyama@nca.aero N.Yoshimura@Fly-ANA.com <yosh.harada@ana.co.jp>, <tak.shimizu@ana.co.jp>, <s.nakayama@ana.co.jp>	81-3-5757-5452 773-894-8250 310-782-3107		800-235-9262 *5 310-782-3011 *5	
American Airlines (KTULAAALD)	AAL EGF	Robert Wagner - Flight Planning Support - IQC	Robert.Wagner@aa.com	817-967-8416 817-967-8211	972-898-9846	817-967-7175/7275 ATC Desk	
AmeriFlight LLC (KAMFYXX)	AMF	Peter C. Zamoyksi Javier Vachier Paul Halter	jvachier@ameriflight.com Phalter@AmeriFlight.com	(786) 439-1738 787-253-1790 800-800-4538	(305) 684-3070 787-309-2722	(818) 980-5005 (818) 847-0000 (859) 767-4515	
AmeriJet (KFLLAJTO)	AJT	Scott Mcglynn Nubia Bastidas-Bardov Alexandros Manolizi	SMcglynn@amerijet.com nbastidas-bardov@amerijet.com amanolizi@amerijet.com	305-704-9623 305-704-9669 305 704 9640	305-202-0720	(954) 635-2040 (786) 265-9361	
Ameristar Jeppesen (KDENXLDSDUATS)	AJI					(800) 368-5387 x11	
ARINC Direct (KARIXAAN / KHDQXAAN)	XXA	Kevin Johle (GA)	kjohle@arinc.com MSG_IMPL@arinc.com	410-266-4665	410-718-4006		
Arkefly (EDDVUIJO)	TFL	Bjoern Tiffert (Dispatch Coordinator)	bjoern.tiffert@tulfly.com	+49-511-9727-260	+49-151-62915055	+49-511-9727-797 (OCC, H24)	AFTN: EDDVTUIO Email OCC: dutymanager@go-centre.com & operations@go-centre.com
Allegiant Air File via NavTech (KFATAAYD)	AAY	Christi Cordo Tom Donaldson	Christi.Cordo@allegiantair.com	702-719-8186		(877) 723-5192 (866) 253-1810 (702) 851-7333 (DISP)	
AT&T FitWinds Program		Rusty Bell	rusty.bell@att.net belg@iata.org	678-552-2868	404 583 4480		
ATI Aero Technology (Vancouver)		Neil Thompson	nthompson@atiaero.com	604-273-7799			
Atlas Air (KJFKGTIW)	GTI	Ron Barber	rbarber@atlasair.com	786-265-2228	917-601-4139	914-701-8045 (24 Hr. Dispatch)	
ATNS (South Africa) (FAJSNFPL)		Lindi lee Kirkman	Lindik@atns.co.za	27 11 928 6523 271-1928-6565 fax			
Aurora Jet Partners		Scott		780-229-1726			New 780-229-1726 see Morning Star
Averitt (DUATS)	VRT					(800) 519-4222	
Bahamas Air (CYKFNSSB)	BHS	Noland Rolle	nolandr@bahamasair.com	242-377-8843 242-702-4168		242-702-4169	
Bankair (KIADXLX-DUATS)	BKA					(800) 622-9004 (803) 822-8832	
Banyan Air		Mike O'Keefe	mokeefe@banyanair.com	954-491-3170	954-873-4310		
BaseOps International (XBO)	XBO			281-280-2200		800-333-3563	Combining with Colt. Check other numbers below
Bering Air			BENR@BeringAir.com				
Berry Air (CYZKNSV)	BYA			866-291-2379		(866) 291-2379	
Big Horn Air (DUATS)	BHA		d.keesling@bighornairways.com (Chief Pilot)			(307) 672-3421	
Biscayne (CYZXNSS)	BSK	Ely Henry	ehenry@miamiair.com			(305) 876-3678	
Bizfleet (KDENXLDSD)	BZF		james_erickson@jetaviation.com			(201) 462-4114	
Extra dba BJNA Extra Airways	CXP		dispatch@xtraairways.com	208.336.0414 Disp. 208. 333.9872			New
Blue Streak (KDAYJIAD)	JIA	Andy Heinz (disp sup)		937-454-5887		(937) 454-5829/5840	All numbers disconnected. For dispatch call US Airways
British Airways (EGLLBAWH)	BAW	Nigel Free Ian Gardiner (flt ops)	nigel.free@ba.com ian.gardiner@ba.com Paul.wiggins@ba.com	44 208 513 0379 0208-513-0433	+44 789 612100	BAW 800-247-9297	
Canadian Excaire (KVADYXYX - AISR)	EXA		operations@excaire.com			(888) 483-7070 514-420-2999 24 Hr. Ops	

CanJet Airlines (CJA) CYHZCJAX	CJA	Brian Livingston Mike McCarthy (Chf Pilot)	Brian.Livingston@CanJet.com Michael.McCarthy@CanJet.com	902-873-7861	902-488-5604	902-873-7800	
Files with Sabre							
Caribbean Airlines Limited	AJM	Harrydath Maheepat SOC	harrydath.maheepat@caribbean-airlines.com soc@caribbean-airlines.com dispatchers@caribbean-airlines.com	868-669-0110		868-669-3000 ext 2357 or 2960 868-669-3000 extensions 2342/2343/2344	I added this one because it took over Air Jamaica.
CargoJet Airways (CJT) call sign Cargo Jet (Direct FPL filer) CYYZNSC	CJT	Richard Cromwell	dispatchgroup@cargojet.com	905-679-9858 800-753-1051 ext 136			
Cargolux ELLXCLXO	CLX					(281) 443-2494 (ask for Ops)	
Casino Express	CXP		dispatch@xtraairways.com			(775) 738-4646	
Cathay Pacific Airways call sign Cathay (VHHHCPAO)	CPA	Duty Flight Dispatch Coordinator Edwin Wong Julian Fung Owen Dell Florence Wong	fop_dispatch_admin@cathaypacific.com edwin_wong@cathaypacific.com julian_fung@cathaypacific.com owen_dell@cathaypacific.com florence_fl_wong@cathaypacific.com	852 2747 3626 852 2747 2522		011-852-2747-3626	
Cayman KDENX LDS	CAY	Dave Scott Robert Berry	davescott@caymanairways.net robertberry@caymanairways.net	(345) 949-8200 Reception	345-936-3504 345-916-5211		
Centurion Cargo NAVTECH CYYZNSX	CWC		fcontrol@centurionaircargo.com	305-870-9445			
Chautauqua Airlines associated w/ RPA Files thru SITA KHUFYFYX	CHQ	Stora Harris	Stora.Harris@rjet.com	317.471.2733		(317) 471-2250	Also see Mercury Shuttle and all listings under Republic Holdings below. Check 7/15 to see about removing. They will be combining ops.
China Air Cargo	CAO						See Below
China Airlines (CAL) File thru Jepp.	CAL	Mike Wilczewski	mike.wilczewski@jeppesen.com	303-328-4097	303-847-9138	Taipei disp. 011-886-3-399-3951	Also See Dynasty (CAL)
China Cargo Airlines Files thru Shanghai Airlines Cargo (SHQ) (KLAXPCXX)	CKK	Steve Ruan Zhi Xiang (OCC)	ruanzhx@shanghai-air.com	86 21 68857005 x862		011 862 1626 82817 (773) 474-8036	See SHQ or BAA
China Southern Airlines (PAENFYX)	CSN	SFO/Miao Jinghui LAX/Yin Jun ANC/ Liang Zhong JFK/ Teng Yuning CSN H/Q	miao@csair.us yin@csair.com liangzhong@csair.com tengyn@csair.com soc@csair.com klax@163.com	917-602-6558 310-908-3833 847-243-3150 847-899-2129 86-20-28235704			
Classic DUATS KIADXCLX	HKB		cjensen@classicaviation.com			(316) 676-8179	
Clay Lacy Aviation	CLY		ops@claylacy.com	800-354-9724 818-994-0087		(818) 989-2900	
Dassault (Cloverleaf)	CVF					(800) 800-6061	Uses Universal Weather for flight plan filing.
Colt International (CYYCCOIX / KHOUCXHX)		Dave Robins (YYC) Chris Fochuk (YYC) Pete Bennett (HOU) Keith Dixon (HOU) Fit Ops (HOU/YYC)	davidr@coltinternational.com chrisf@coltinternational.com peterb@coltinternational.com keithd@coltinternational.com ops@coltinternational.com	403-717-4393 / 8660265-8992 403-717-4393 / 866-265-8992 281-280-2200 / 800-626-0577 281-280-2200 / 800-626-0577 281-280-2200 / 800-626-0577			
Compass Airlines files thru AvFinity KNPAXAAF	CPZ	Tim Mott David Emanuel Tom Swords (SOC)	Tim.Mott@sabre.com David.Emanuel@compassairline.com thomas.swords@compassairline.com	480-556-7348 703-631-5710 703-631-1251 612-713-6825		(866) 626-2641 x1 (703) 631-1850	
Connie KYIPCKSH	CKS					(734) 544-7031 (734) 484-2708	Also Files as Kalitta (KFS) (see below)
Conquest Air	CAC	Carlos Gomez	conquestair@earthlink.net support@conquestair.com	305-593-8847	305-218-0619		
Corsair International	CRL	Bjoern Tiffert (Dispatch Coordinator)	bjoern.tiffert@tuflly.com	+49-511-9727-260	+49-151-62915055	+49-511-9727-797 (OCC, H24)	AFTN: EDDVTUIO Email OCC: dutymanager@go-centre.com & operations@go-centre.com

CSC DUATS KIADXCXLX	XCL	Steve Villanueva Anne Menassian (FAA) Leon Thomas (PM) Matoka W. Forbes Sandra Jenks Alan Bolstridge Martin Anilane	lthomas22@csc.com sjenks@csc.com abolstridge@csc.com manilane@csc.com	202-385-7795 202-385-7754 703-364-6065 202-385-7665 703-364-6351 703-364-6071 703-364-6070	203-675-6507 703-517-2202		Also, see DTC DUATS below
Dakota Landmark Aviation owned by Business Aviation Carrier Inc.	DKT		ehigh@landmarkaviation.com			(800) 888-1646 x116 (605) 782-7116	
Delta Airlines (KATLDALQ)	DAL	Carl Anderson Russ Richmond Gregg Brandner	Carl.Anderson@Delta.com Russ.Richmond@Delta.com gregg.brandner@delta.com	404-715-1137 404 715-1168 404-715-1121	404-432-0436 404-825-2114 404-769-4772	404-715-0016 404-715-0019	
Delta Radio						(404) 715-0160	Delta Company Freqs.
DTC DUATS KMIVXDTC	XDT	Kim Sparks Steve Villanueva Anne Menassian (FAA) Bill Young (PM)	ksparks@dtcduat.com	856-228-3232 202-385-7795 202-385-7754 856-889-7452	203-675-6507		CO- Patrick.Weare@faa.gov, AAQ-240, 202-267-5483 COTR- Lisa.Floyd@faa.gov, AJR-B2, 202-385-7565
Dynasty dba China Airlines	CAL					(800) 538-1316	This number will change sometime this summer. Also see above China Airlines (CAL)
Eagle Flight	EGF					(817) 967-8400	
East Coast Jet File thru Pinnacle	ECJ					(610) 266-1300	Files thru Pinnacle
EL AL File thru LIDO LLBGELYX & LLBGELYW	ELY	Mrs. Yamit Hahn Alon Lavi (Chief Dispatcher)	yamitha@elal.co.il alonl@elal.co.il	+972-3-971-6846 +972-3-9716843			
Elite Jet	ELJ		flightcontrol@deltaprivatejets.com	859-534-4286 ops		(800) 927-0927 x5	
Elliott	ELT		charter@elliottaviation.com	952-277-2040 disp.			
Emirates Dubai OMDBUAEK	UAE	Mark Adams (ASM KIAH) Adil Chinoy Ekkehard Gutt	mark.adams@emirates.com adil.chinoy@emirates.com ekkehard.gutt@emirates.com	971 4 708 4304 971 56 1779743			
N-Jet Does most of flight planning thru Universal	NUS		charter@N-Jet.com			(815) 455-7707 (ext. 2)	Does most of flight plan filing at Universal
Ethiopian Airlines (HAABYNXX / HAABEALD)	ETH	Desta Demisse Eskedar Seyoum	DestaD@Ethiopianairlines.com EskedarS@ethiopianairlines.com	(+251011)5178803	+251911516122 '001-202-255-8399		
EVA Air	EVA	Rita Fu PENG, CHIH MING (Jimmy)	ritafu@evaair.com jimmpeng@evaair.com	886-3-351-6373 886-3-351-6074			
Exec Air	EXA	Kevin Johle Gilbert Adam	KJohle@airinc.com Gilbert.Adam@execaire.com	410-266-4665 888-483-7070 x2341	514-916-1543		
Express Jet Airlines (KATLASQD / KASAASQD / KIAHBTAD) file thru Sabre d/b/a Continental Express/Air Mike Express (Houston, Tx) Jet Link	ASQ (BTA)	Christopher Anderson (Route Planning)	Christopher.Anderson@expressjet.com	404-856-1929 (ATC Coordinator)			
FedEx (FDX)	FDX	Mike McAfee	mmmcafee@fedex.com	901-397-8040 ops			
FlexJet & Business Jet Services Bombardier Business Jet also see Solution (files as BJSO (File thru Universal)	LXJ	Sanford Hough	Sanford.Hough@Flexjet.com	972-720-2771		(972) 720-2771	Also see Solution (BJS)
Flight Check	FLC	Gerald McKean	Gerald.Mckean@faa.gov			(405) 954-9780	
Flight Exec (Files with SkyPlan)	FEX					(800) 777-0525	For flight plan issues contact SkyPlan
Flight Express (No longer in existence, now AirNet) also see Starcheck	FLX		airoperations@airnet.com	877-293-8463			Also see AirNet or Starcheck
Flight Options	OPT	Dennis Florian (Sr. Ops Mgr)	dflorian@flightoptions.com	216-797-8303 216-797-8466 800-433-1285		(216) 797-8466 (800) 433-1285	

Flight Sentinel Services [Also See Honeywell Global Data Center (GDC)]	FS	GDC Supervisors	DL- AEROGDCSupervisors@Honeywell.com http://www.mygdc.com/public/webflplan/ http://www.mygdc.com/public/fltsen/	888-634-3330 EXT#2 425-885-8100EXT#2		888-634-3330 (24 hr ops) 425-885-8100	Also see Honeywell GDC
Flightstar (Flight plan with ARINC)	FSR					(217) 351-7700	See ARINC for flight planning
Florida Jet	FJS	Kelle	Kelleg@floridajet.com			(954) 772-0778 (800) 265-5017	
Florida West Intn'l Airlines (KMIAFWLO) file thru Jeppesen	FWL	Gabriel Gabrielli	ggabrielli@fwia.com	786-265-0383			Files thru Jeppesen
FitPlan.com (KDCMYYYX)	DCM	Ken Wilson	ken@fitplan.com	203-262-8900	203-262-0515	203-262-1706	
ForeFlight LLC		John Collins	john@foreflight.com	704 365-1161	704 576-3561		
Freedom	FRL		customerservice@virginiaaviation.com			(866) 622-4810 x1	
Freight Runners	FRG		ops@freightrunners.com			(800) 776-5525	
FS21 (LMart/AFSS)		Joe Daniele (Lockheed Martin) Jeanne Giering (FAA Mgr)	Joseph.Daniele@lmco.com	240-401-0941 202-385-7627	240-401-0941		
Gaslight (dba Aerocharter)	GLT		fo@aerocharter.com			(636) 537-0005	
Giant (dba Atlas Air Inc)	GTI						See Atlas Air Inc.
Global Systems (GSX) (KSNAXGSX) Honeywell	GSX	David Brabham Trip Redner Abi Gonzaga	David.Brabham@Honeywell.com Trip.Redner@Honeywell.com abilene.gonzaga@honeywell.com	425-885-8175 425-885-8942 281-419-3668	425-922-9396	425-885-8100	
Gojet Airline DBA United Express GJS	GJS	Lee Ruesch John Marshall	Inesch@GoJetAirlines.com john.marshall@compassairline.com	314-222-4773	314-484-9525		
Goodspeed (dba Tradewind Aviation)	GPD		nogle@flytradewind.com			(203) 267-3305 (ext 9 24 hr ops)	
Grand Aire	GAX		charteroperations@grandaire.com			(800) 704-7263	
Heartland Aviation (HTL)	HTL		charter@heartlandaviation.com	800-767-3181			
Holland Aero (KBLIHAEX)		Derek Meyer (Tech Mgr) Travis Holland	ops@holland.aero pda@holland.aero	360-306-0984 360-734-8419			
Honeywell GDC	GDC	GDC Supervisors x David Brabham Trip Redner John Brooks (FMS Eng)	DL- AEROGDCSupervisors@Honeywell.com David.Brabham@Honeywell.com Trip.Redner@Honeywell.com John.Brooks2@Honeywell.com	888-634-3330 EXT#1 425-885-8100EXT#1 425-885-8175 425-885-8942 602-436-1789	888-634-3330 EXT#1 425-885-8100EXT#1 425-922-9396		
Hop A Jet	HPJ		charter@hopajet.com			(954) 771-5779	
Horizon Air (QXE) KPDXXQXED	QXE		Mark.Christiansen@HorizonAir.com, mike.timpe@horizonair.com,			503-249-5351 503-384-4386 (800) 547-7701	
IATA		Bill Murphy (Liason to ATCSCC) Jeff Miller (North America/Atlantic) Marco Vidal Floyd Abang	murphyw@iata.org millerj@iata.org Vidalm@iata.org abangf@iata.org	540-422-4843 305-779-9867			
Iberia LEMDIBED	IBE						
Iceland Air (ICE) EKBCPUF	ICE	Johannes Bussi (KIAD Station Chief)	opsco@icelandair.is Bussi@IcelandAir.is	+354-4250274 ops 24 hr.A223 857-222-3699	+354-8647160		
IFL Group	IFL		dispatchers@iflgroup.com			(800) 521-4406 (248) 666-9713	
International Trip Planning Svcs. KHOUITPX		Jon Wells	jwells@itpops.com operations@itpops.com	832-220-3518 866-573-7067			

Jeppesen KDENXLDLDS/KDENXLDLDT		Anthony Coult (AAL/2012) Mike Wilczewski Emmett Jerome (Tech Suprt) Fred Carmona (Intr'l Flt Plng) Tony Coult	anthony.coult@jeppesen.com mike.wilczewski@jeppesen.com navdatechsupport@jeppesen.com fred.carmona@jeppesen.com Anthony.Coult@jeppesen.com	303-328-6306 303-328-4097 303-328-4445 614-239-6003 x1	720-382-9846 303-847-9138	24/7 Help Desk 303-328-4585 gsc@jeppesen.com Urgent Hotline 303-328-6429	
Jetairfly	JAF	Bjoern Tiffert (Dispatch Coordinator)	bjoern.tiffert@tuifly.com	+49-511-9727-260	+49-151-62915055	+49-511-9727-797 (OCC, H24)	AFTN: EDDVTUIO Email OCC: dutymanager@go-centre.com & operations@go-centre.com
Jet Blue (KJFKJBUD) thru SABRE	JBU	John Tahmazian (disp mgr) Craig Bauman	john.tahmazian@jetblue.com Craig.Bauman@jetblue.com	718-709-2153	262-412-6298	(718) 709-3771/3773	
Jrt Linx				402-991-8040 Disp 402-422-0393			
Jet Speed files thru UniWx/ARINC	EJM	Pete Djordjevic	pDjordjevic@EjmJets.com	513-979-6881 877-224-9884 x2 513-979-6620 x2	513-484-2240 513-871-2004		
Jet USA	JUS		flightfollowers@usajet.aero	734-547-8780 734-547-8794			
Kaiser	KAI		dispatch@kaiserair.com			(510) 553-8433	
Kalitta Also files Connie (CKS)	KFS			(734) 484-2708 (734) 544-7031		(734) 484-2708 (734) 544-7031	Also file as Connie (CKS) (see above)
Key Lime (LYM)	LYM	Jeff Taylor	jefftaylor@keylimeair.com dispatch@keylimeair.com	888-870-9626			
KLM Royal Dutch Airlines (KLM)	KLM	Rene Koch V Hilligers Boris Wicherink	Atm.supervisor@klm.com v.hilligers@klm.com boris.wicherink@klm.com	24/7 dispatch supervisor desk , Email = ocovkl@klm.com Phone =+31 20 3041101			
Labquest	LBO	Scott Borton	scott.l.borton@questdiagnostics.com			(800) 694-1247	
Lufthansa German Airlines EDDFDLHD	DLH	Lufthansa Flight Dispatch, Shift Manager	dispatch@dlh.de	+49 69 696 2534 (H24)			
Lynden Air Cargo PANCLLYC	LYC	Keith Miller	KMILLER@iac.lynden.com flightops@lynden.com	907-249-0247	907-382-0670	907-249-0229	
Major dba Mid America Jet	MJR					(270) 926-6700	We don't go there right now, but leave us on the list.
Martinair EHAMMPHO	MPH		lrmmage@flymartinair.com			(800) 777-7401	
Mercury Shuttle Also see Republic Holdings	TCF	Steve	s5socc@riet.com			(317) 471-2323	Also see all listing for Republic Holdings below.
Mesa Airlines (ASH) Also see Air Shuttle	ASH	Sandy Park	Sandra.Park@mesa-air.com	602-685-3748	480-381-7114	800-358-2875	Also see Air Shuttle above
Mid South	MDS		m todd@mcneelycharter.com			(870) 735-0207	
Midwest Aviation	MWT		sethw@charterfirst.com			866-776-6261	
Morningstar	MAL					(800) 363-4062	See Aurora Jet Partners a sister company that also flies under the name Morning Star Partners
Mountain Air Cargo (MTN)	MTN	Paul Simpson Francisco Cruz	psimpson@mtaircargo.com fcruz@mtaircargo.com	828 466 6714	828 455 8421 787 409 8956	828-464-8741 800 893 2217	
National Airlines or National Air Cargo			ops@nationalairlines.aero			(800) 451-2272 407-283-6291 drct to disp 519-747-0616 (24hr)	
Navtech Filing Service Provider (CYYZNSX)		Craig McFarlane Jason Stilwell Bill Macey (sup. FP S/W)	CMcFarlane@navtech.aero JStilwell@navtechinc.aero	519-747-1170 x278 519-747-1170 x223	519-748-7363		
Net Jets (Domestic) Files thru Jepp.	EJA	Karl von Valtier (ATPM) Andrew Wuertzer Ron Klenotic	kvonvalt@NetJets.com Wuertzer@NetJets.com klenotic@netjets.com	614-239-2071 614-239-2773 614-239-5462	614-302-7608		

NetJets (Intr'l) (KCMHEJAA) (thru Jepp)	EJA	Karl von Valtier (ATPM) Andrew Wuertzer Ron Klenotic	kvonvaltier@NetJets.com Wuertzer@NetJets.com klenotic@netjets.com	614-239-2071 614-239-2773 614-239-5462	614-302-7608		
New World	NWD	Frank Kish	fkish@newworldaviation.com flightops@newworldaviation.com	610-231-9555		877-359-0100	
Night Cargo dba Air Cargo Carriers	SNC		dispatch@aircar.com			(800) 253-1711	
Nippon Cargo Airlines (NCA)	NCA	Yasuo Nishiyama (US Reg Mgr) Emi Ishida Yuki Hirata	yasuo.nishiyama@nca.aero emi.ishida@nca.aero yuki.hirata@nca.aero	773-894-8250 81-476-32-9753 81-476-32-9214			
North American Jet Charter Group (US call sign Starfish, goes by tail number when international) Uses Jeppesen or Universal Weather fo flight plan filing	SFH	Michael Vaupell	Michael.vaupell@NAJet_net_charter@najet.net				Uses Jeppesen or Universal Weather for flight plan filing. New Add Also see Starfish (SFH)
Northshore dba Landmark Aviation	NSH		charter@landmarkaviation.com			(800) 638-4990	
OASIS (PAILYFYX)		Steve Shenk	steve.shenk@faa.gov	609-485-6136			
Oklahoma dba Oklahoma Aviation	OKL	Chris Painter	cp@okav.co			(405) 787-4568	
Omni dba Omni Aviation	OAE		dispatch@oai.aero			(918) 831-3058/3060	
Pacific Coast Jet Mostly files w/ Universal WX	PXT		dispatch@pcjets.com			888-725-3871	Mostly files with Universal WX
Pacific Coast Jet Charter Files outbound with FlightPlan.com & inbound with Universal WX	PCJ						
Peninsula Airways	PEN	Jessie Nieves	jessie.nieves@penair.com Dispatcher@PenAir.com	907-771-2598/2507/2506 907.771.2598			
Platinum West	PKW		kendra@sierrawestairlines.com			(800) 538-7787	
Players Air No longer files under this name. New name BJ&A	PYZ					(800) 710-0913	See BJ&A (CXP)
Portugal AIM		Jorge Dias	Jorge.Dias@nav.pt	+35-191-908-0693	+351 919080693		
Presidential	PRD		charter@presidential-aviation.com			(888) 772-8622	954-772-8622
Priester Files with Universal WX	PWA					(888) 323-7887	Don't call us. Call Universal WX
Qantas Airways YSSYQFQO Files thru HP/EDS	QFA	Graham Rennie John Lindsay Chris Restrepo Tomasz Wysocki (Ops Mgr @ KLAX)	grennie@qantas.com.au jlindsay@qantas.com.au chrisrestrepo@qantas.com.au tomaszwysocki@qantas.com	+61296911157 +61296911735 +61296911736 310-348-0703			
Qatar Airlines EDDFQTRX	QTR	Stuart Reddy Ndiwa Wachina	SReddy@QatarAirways.com.qa navoffice@qatarairways.com.qa nwachina@qatarairways.com.qa	+974 40-102842 +974 40-102743	+974 33 764 338		
Red Wing Aeroplane Co. ARINC KARIXAAN	LAK		rbaker@redwingaero.com	651-797-0900 xt 1001			
Republic Holdings -Republic Airlines KINDRPAY -Shuttle America KBDLTCFD	RPA TCF	Stora Harris Dispatch	Stora.Harris@rjet.com	317.471.2733 317-471-2022	317-716-5456		Also see Mercury Shuttle (Shuttle America) above
Rocket Route Ltd. (KAUSZXBT)		Uwe Nitsche RocketRoute Operations RocketRoute Sysadmins	uwe@rocketroute.com ops@rocketroute.com admin@rocketroute.com	44-793-217-5423 44-1273782130 44-7932175423			
Rockwell Collins (KHOUARCW / KHOUARCP)		Greg Murray	Gregory.Murray@rockwellcollins.com	713-430-7082			
Royal Jordanian File thru Swiss Air (KJFKSWRW) Alternate - OJAIZPZX	RJA	SwissAir Dispatch (KJFK) Tom Larocca Brian Campbell KORD Station Manager Yousef Hijazeen	JFKOW@Swiss.COM Thomas.Larocca@swiss.com Brian.Campbell@Swiss.com Fitops.Help@sit.aero OCCAVP@rj.com Kenneth.Kross@swiss.com	718-751-4988 718-751-4950 011 44 208 756 8333 011 96 26 479 3587 800 411 3665 312-686-6020 (ORD)	718-924-5287	800-223-0470	
Ruby dba Vision Airlines KRBYYYYX	RBY		dispatch@visionairlines.com			(702) 599-5366	

SABRE Airline Solutions 3150 Sabre Dr. Southlake, TX 76092		Jason North Tim Mott Mike Hoppin (sales) Steve Hansen Jim Cloud	Jason.North@sabre.com Tim.Mott@sabre.com Michael.Hoppin@Sabre.com steve.hansen@sabre.com Jim.Cloud@sabre.com	682-605-4316 480-556-7348 480-556-7336 480-556-7304			
Seaborne Airlines (USVI) (EKBICPUF)	SBS		dispatch@seaborneairlines.com icarrquillo@seaborneairlines.com keldredge@seaborneairlines.com		Dispatch #s 787-946-8687 787-946-8774 xt7021 787-946- 8774 xt7022	866-359-8784	
Select Jet KPNMYFYX	JSL		charterops@jselectaviation.com			(866) 748-4538	
Sequoia	SQU		dispatch@bnticorp.com			(510) 562-5155	
Shasta	SSX		info@airshasta.com			(530) 222-0100	
Shuttle America Part of Republic Airlines	TCF	Stora Harris	Stora.Harris@rjet.com	317.471.2733			
Silverhawk	SLH		charing@silverhawkaviation.com			800-479-5851	
Singapore Air Cargo (WSSSSIAIX / WSSSSIAF)	SQC	Chris Lum	pinyau_lum@singaporeair.com.sg	65-65411418			
Singapore Airlines (WSSSSIAIX / WSSSSIAF)	SIA	Chris Lum Cheng Yeow Tan (Tan is family name)	pinyau_lum@singaporeair.com.sg ChengYeow_Tan@Singaporeair.com.sg	65-65411418			
SKYSERVICE AIR AMBULANCE (CURRENTLY USING ARINC DIRECT)	NIL	Mark Lawrence	MARK.LAWRENCE@SKYSERVICE.COMM_GLA WR@TELUPLANET.NET	403-923-2594	403-923-2594	403 275 5607	
Sky West Airlines (KSGUSKWD) Uses Sabre	SKW	Andrew Nettleton Stephen Sorkness	anettleton@skywest.com Stephen.Sorkness@skywest.com	435-634-3729 435-634-3772		435-634-3972	
Skyplan Services (Fit plng svc in Canada)			cpp@skyplan.com ops@skyplan.com	403-275-2520 403-275-2511 disp.			
Solaris Also see Sunset and Twilight			handler@solaris.aero			(707) 523-4092	Also see Sunset and Twilight
Solution also see FlexJet. They fly as both.	BJS					(972) 720-2771	Also see FlexJet.
South African Airways FAORSAAR file with Air Traffic Navigation Service (ATNS)	SAA	Gavin Kovacs	gavin.kovacs@flysaa.com FlightDispatch@flysaa.com jsbrief@atns.co.za jsnotam@atns.co.za operations@shs.aero	27 11 978 5660 27 11 978 6863 27 11 978 5661 718 751 4988 221 33 869 0732			
Southern Air	SOO	kevin macmillan	kmacmillan@southernair.com	859-568-9140	856-237-3190	859-462-4790	
Southwest Airlines KDALSAD	SWA	Ron Ooten Keith Butler Matt Webster Gary McMullin Rocky Hagood Margie Majka	Ron.Ooten@wnco.com Keith.Butler@wnco.com Matt.Webster@wnco.com Gary.Mcmullin@wnco.com Rocky.Hagood@wnco.com Margie.Majka@wnco.com DispatchSpecialist- DG@wnco.com	214-792-4116 469-603-0463	214-792-5350 214-792-4851	214-792-6500	
Speed Air dba Provincial Aerospace	SPR		dispatch@provair.com			(709) 576-3952	
Spirit Air Lines (uses SABRE software)	NKS	Brian Folan (Manager, OCC) John Chadwick Rory Hight	Brian.Folan@spirit.com john.chadwick@spirit.com rory.hight@spirit.com	954-447-7925 954-628-4973 954-447-7828 xt7834/7103	954-305-1862 954-618-7672	800-215-1647	Also see Spirit Wing
Spirit Wing	NKS	Greg Ganser	greg.ganser@spiritair.com	954-447-7828 xt7834/7103			Also see Spirit Airlines
Starbase	SBE		ops@starbasejet.com			(281) 443-3443	
Starcheck Also see AirNet	USC					(800) 999-1201 x6 x1	Also see AirNet They fly as both.
Starfish dba North American Jets	SFH					(847) 883-8350	Also see North American Jets
Summit Air Ambulance			dmckenzie@summitairambulance.com	877-554-9111			
Sun Country Airlines (SCX)	SCX	Steve Dykhuizen	Steve.Dykhuizen@Suncountry.com dispatch@suncountry.com	651-681-4854	651-775-1308	651-681-4852 (Disp) (800) 733-6579	
Sunset Also see Solaris and Twilight			handler@solaris.aero			(707) 523-4092	Also see Solaris and Twilight

SunWing CYYZNXNXT (thru NavTech)	SWG	Alex Faulds (ops mgr) Dispatch	afaulds@flysunwing.com	416-620-4955 x3219 416-620-3720	416-456-7275	(877) 877-1755 x4055	
Swift Air		Douglass Chouinard (Chf Pilot 135) Tony Jobusch (Mgr OCC) Dispatch OCC	DChouinard@FlySwiftAir.com TJobusch@FlySwiftAir.com Dispatch@FlySwiftAir.com	602-273-4400 866-227-9438	602-421-9385		
Swiss Air (LSZHSWRP)	SWR	Brian Campbell (JFK) Matthias Loehr	brian.campbell@swiss.com Matthias.Loehr@swiss.com	718-751-4936 +41-44-564-4096		718-751-4988 (JFK) (800) 411-3665 (718) 751-4988	
Swiss Air Ambulance (LSZHSZAX)	SAZ	Markus Burri	Markus.Burri@Rega.ch	+41 58 654 39 37	+41 79 820 52 21		
Swiss Air Force		Gregor Spuhler	Gregor.Spuhler@vtg.admin.ch saf-fsa.lw@vtg.admin.ch	+41 58 467 81 17 A398+41 79 447 37 44			
TACA (TAI)	TAI	Jose Luis Arias Monroy Rene Cordova David Guerrero	jose.arias@taca.com rene.cordova@aviancataca.com David.Guerrero@aviancataca.com opseng@taca.com laxlightplantaca.com	(503) 2247-1083 503-2247-8888 x1081 503-2247-1546 (503) 2247-8888 ext. 8478	(503) 7150-8297	310-337-3106 use this #	
Tacoma	TQM		aviationdispatch@jmfamily.com			(954) 429-2391	
Tahiti Air (THT) Pacific Aviation @ LAX	THT		bringle@pacificaviation.com	310-646-1167 310-985-9109 310-258-9913			
Talon Flight	TFF		dispatch@talonairjets.com	631-881-9536 disp.		(631) 753-8881	
Tampa Cargo (TPA)	TPA	Santiago Parra	santiago.parra@avianca.com santiagoparraposada@gmail.com despachocentralizado@avianca.com	574 569 92 03	57+3017831416		
Tap-Portuguese Airlines (TAP)	TAP	Paulo Marques Rui Soeiro Leonor Dias (KEWR Station mgr)	pmmarques@tap.pt flightdispatch.ov@tap.pt rsoeiro@tap.pt Lddias@tap.pt	351-218-415-123 (+351) 218 415 384 973-624-6363	(+351) 966 832 029 973-727-7275	(+351) 218 415 125	
Textron Aviation						(316) 676-3000/0380/8179	New. See Raytheon
Thomson Airways (TOM)	TOM	Bjoern Tiffert (Dispatch Coordinator)	bjoern.tiffert@tuifly.com	+49-511-9727-260	+49-151-62915055	+49-511-9727-797 (OCC, H24)	AFTN: EDDVTUIO Email OCC: dutymanager@go-centre.com & operations@go-centre.com
Tinker AFB (TIK) HQ AFFSA/A3IFA		Paul Hoegstrom	paul.hoegstrom@us.af.mil	405-734-7108			
Trail Blazer Travel (thru FitPlan.com)	TMC	Ken Wilson	ken@fltplan.com	203-262-8900	203-262-0515	203-262-1706	Files thru FitPlan.com
Trans Auto dba IFL Group	TSU		bpaul@iflgroup.com			(800) 521-4406 (248) 666-9713	
Transat (TSC)	TSC		dispatchops@airtransat.com			800-306-1011	
Trinity Private Jet Charter (thru FitPlan.com)		Brent Young (DO)	byoung@trinityjet.com soconnor@trinityjet.com	214-649-5474 972-559-1000			Files through FitPlan.com
Trooper (Maryland State Troopers) file under the tail #N890MD when international	TRP		msp.syscom@maryland.gov			410-783-7525 disp.	
Tuifly	TUI	Bjoern Tiffert (Dispatch Coordinator)	bjoern.tiffert@tuifly.com	+49-511-9727-260	+49-151-62915055	+49-511-9727-797 (OCC, H24)	AFTN: EDDVTUIO Email OCC: dutymanager@go-centre.com & operations@go-centre.com
Tuifly Nordic	BLX	Bjoern Tiffert (Dispatch Coordinator)	bjoern.tiffert@tuifly.com	+49-511-9727-260	+49-151-62915055	+49-511-9727-797 (OCC, H24)	AFTN: EDDVTUIO Email OCC: dutymanager@go-centre.com & operations@go-centre.com
TWC Aviation	BJT					(408) 286-3832 (408) 918-1128	
Twilight dba Solaris Aviation or Sunset Aviation. Flies under tail number when international.	TWY		handler@solaris.aero			(707) 523-4092	Also see Solaris and Sunset.
United Airlines (KCHIUALE)	UAL	Tim Matuszewski Brian D. Smith Mike Beck (PDC)	Timothy.Matuszewski@united.com Brian.D.Smith@United.com	872-825-3016 713-324-4129 847-700-3701 872-825-2370 847-700-7166	847-220-0026	847-700-3389 847-700-3378	

United Parcel Service (KSDFPUSB / KSDFPUSY) thru LIDO	UPS	John Uhl Chris Creighton Sherril Roberts Robert Putz (FP Suprt)	juhl@ups.com cceighton@ups.com sherrilroberts@ups.com rputz@UPS.com FGG3JTC@ups.com AIR1KAP@ups.com	502-359-0334 502-359-1687 502-359-5706 502-359-5606		502-359-0300 (502) 359-5194/5100	
Universal Weather (KHOUUVAX)	UVA	Mark Miller Steve Hull (Tech Mgr) Jason Davidson Pam Acosta	mmiller@univ-wea.com shull@univ-wea.com j davidson@univ-wea.com pacosta@univ-wea.com	713-947-5782 866-866-0625 713-378-8093 800-231-8648 opt 9, ext 5754	713-775-3288	(800) 231-8648	
US Airways merged w/ America West (HDQDTUS / KPITUSAE)	AWE	Kitty Custer Kevin Allen (Nav Spec) Peter Copeland (Disp Tng) Mark Montesano	kitty.custer@usairways.com kevin.allen@usairways.com plc@usairways.com mark.montesano@usairways.com	412-474-4199 480-693-4637 412-474-4258 412-474-4131		412-474-5500 central dispatch	
Uzbekistan Airways (UTTAUZBF) (UTTTZTX) (UTTPNXX) (UTSAPNXX) (UTSAZTX) (KJFKGDIA)	UZB	Stanislav Gurfinkel (NAV Mgr) Alexander Melnikov (Head FLT Disp.) Flight Dispatch TAS Airport (Duty off.) Flight Disp. NVI Airport (Duty off.) Global A/C Disp. JFK Airport (Duty off.)	stanislav.gurfinkel@uzairways.com Alexander.Melnikov@uzairways.com dispatch@uzairways.com Dispatch.NVI@uzairways.com ops@globaldispatch.aero	99-871-140-4604 998-71-1402931 998-79-7703153 998-79-7703153 1-718-751-1440	99-871-140-4604	fax 99-871-120-4735 998-71-1204922 1-718-751-1443	998-71-1204922 ---
Vegas Heat dba Corporate Flight International	VHT		cfi@cflinc.com			(702) 736-0077	
Virgin America Redwood	VRD	Jay Warren (Disp. Mgr.) John Lee (Ops)	jay.warren@virginamerica.com john.lee@virginamerica.com	866-488-7202 Disp.			
Volga-Dnepr Airlines (UWLWIEPN / UWLWIEPK) Also see Air Bridge Cargo Airlines (ABW)	VDA	Dmitry Levushkin	Dmitry.Levushkin@volga-dnepr.com	7 8422 590370 7 8422 590067			Also see Air Bridge Cargo Airlines (ABW)
Westjet CYCJWJAO	WJA	Scott Khols	skhols@westjet.com	403-444-2089		866-284-8875	
WSI			aviationsales@wsi.com	978-983-6325 800-872-2359			
Yukon	NAC		flightcontrolagents@nac.aero			(907) 249-5107	

FPL Monitoring Group – Flight Plan Error, Missing and Multiple FPL System Handling

Presented To: NACC

**By: Dan Eaves, FAA En Route
Requirements & Validation**

Date: Feb 2015



**Federal Aviation
Administration**



Flight Plan Processing

- The increasing traffic demand between FIRs drives the need to improve efficiency and maintain the accuracy for the ATC providers. Developing a harmonized process and defining protocols for exchanging data between multiple States/Territories/International Organizations within and across regions is critical to achieving efficiency through automation.



US Flight Plan Processing

- http://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing/media/FAA_ICAO_flight_planning_interface_ref_guide.pdf
- ERAM rejects detected errors, duplicate FPLs back to the originating filer
- Each of the 20 Air Route Traffic Control Centers rejects back to the filer



3.7 REJ Response

FAA has defined REJ message responses, as outlined in Table 3-7-1. A table defining acronyms used in reject messages can be found in section 5.1. Domestic ERAS systems support use of

REJ responses to FPL, CHG, DLA and CNL messages. If ERAS identifies errors in the processing of a message, a REJ message will be provided in the following format:

Table 3-7-1 REJ Message Composition

Field	Element	Required/ Optional/ Prohibited	Examples
n/a	Message Type	Required	REJ
n/a	Single space character	Required	
03	(a) Message Type Designator (FPL, CNL, CHG, DLA) of the message being responded to	Required	FPL CHG
03	(b) The FPF supplied Optional Message Number	Optional	/004
n/a	Receiving unit – Four letter identifier of the ARTCC generating the ACK	Required	-KZDC -KZOB
n/a	Rejection reason	Required	See Table 3-7-2 Error Messages in ERAM and Host
n/a	Input message identification:	Required	CNL-DAL1964-KDCA2125-KLGA (Entire input message)

Note: If the three-letter NADIN address (Field 3b) is not adapted or not filed, response will be sent to the AFTN originator address.

3.7.1 Examples of REJ Messages



System Rejects

LIA331

```
=====
|0030:04.15|LIA331| DDL|FDP| 911|NADIN LIA|I FPL| FF KZMAZZQA
|          |          |          |          |          | 030030 KLIAYYXX
|          |          |          |          |          | (FPL-LIA331-IS
|          |          |          |          |          | -AT46/M-SDFGHRY/S
|          |          |          |          |          | -TDPD1505
|          |          |          |          |          | -N0245F140 DCT DOM A312 ANU B520 PJM DCT
|          |          |          |          |          | -TNCM0100 TKPK
|          |          |          |          |          | -PBN/A1B2L1 EET/TZSU0040)
```

```
|0030:04.18|LIA331| DDL|FDP| 911|NADIN LIA|O REJ| FF KLIAYYXX
|          |          |          |          |          | 030030 KZCRZQZX
|          |          |          |          |          | REJ FPL KZMA OTH INVALID FPL EET DATA
|          |          |          |          |          | FPL-LIA331-IS -AT46/M-SDFGHRY/S -TDPD1505 -N0245F140 DCT DOM A312
|          |          |          |          |          | ANU B520 PJM DCT -TNCM0100 TKPK -PBN/A1B2L1 EET/TZSU0040
```



3.7.1.1 REJ for invalid FPL

Field 15a (Cruising Speed) is invalid due to an illegal prefix (K). The REJ identifies the element and data in error, and provides the entire contents of the erroneous incoming message.

Input from Leesburg Flight Service Station

FF KZDCZQZX

(FPLDCA/KZDC015-N57FC-IG
-C500/L-SDGWZ/C
-KDAN1530
-**K0300F210** DCT FVX DCT
-KCHO0020
-PBN/A1B2B3 NAV/RNVE99 RMK/PTP PATTERN WORK IRMK/FRC)

Output to DCA

REJ FPL/015 KZDC **SPD K0300F210 DCT FVX DCT FORMAT**
FPLDCA/KZDC015-N57FC-IG-C500/L-SDGWZ/C-KDAN1530-K0300F210 DCT FVX DCT-
KCHO0020-PBN/A1B2B3 NAV/RNVE99 RMK/PTP PATTERN WORK IRMK/FRC)

3.7.1.2 REJ of CNL with Multiple Flight Plans

An Optional Message Number was not included in the CNL. The CNL will be rejected if more than one FPL exists with the same ACID, departure airport, EOBT and destination airport.

Input from Delta Airlines

FF KZDCZQZX
231411 KATLDALW
(CNL-DAL1964-KDCA2125-KLGA-0)

Output to KATLDALW

REJ CNL KZDC **MULTIPLE FLIGHT PLANS MANUAL COORDINATION REQUIRED**
CNL-DAL1964-KDCA2125-KLGA-0



System Rejects

UAL860

=====

0020:44.91	UAL860	DDL FDP	911 NADIN	CHI I	FPL	FF KZMAZZQA
						030020 KCHIUALE
						(FPL-UAL860-IS
						-B772/H-SDE3FGHIJ3J5M1RWXY/LB1D1
						-SBGR0205
						-N0510F300 DCT UKBEV UZ26 MUGOM/N0500F340 UZ26 KAGIV/N0490F360
						UZ26 BSI UL776 DOLVI UZ24 OPRIX UM423 GNA UA300 EDMAX/N0490F380
						UA300 KIKER A300 DDP G431 ELMUC/M085F380 DCT LETON/M085F400
						L451 JAINS/N0490F400 L451 OLDEY/N0490F410 DCT ILM J109
						FAK/N0380F110 BARIN1
						-KIAD0921 KBWI
						-PBN/A1L1B1C1D1O1S2T1 DOF/150203 REG/N775UA EET/SBBS0000
						SBAZ0147 SVZM0403 TJZS0529 KZMA0618 KZNY0702 KZJX0808 KZDC0830
						SEL/AQGL RVR/75 OPR/UAL PER/C RMK/TCAS RVR75)

|0020:44.94

UAL860	DDL FDP	911 NADIN	DPA O	REJ	FF KDPAUALT
					030020 KZCRZQZX
					REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM
					FPL-UAL860-IS -B772/H-SDE3FGHIJ3J5M1RWXY/LB1D1 -SBGR0205
					-N0510F300 DCT UKBEV UZ26 MUGOM/N0500F340 UZ26 KAGIV/N0490F360
					UZ26 BSI UL776 DOLVI UZ24 OPRIX UM423 GNA UA300 EDMAX/N0490F380



System Rejects

TAM8110

0034:08.76 TAM8110 DDL|FDP 911|NADIN BGR|I FPL| FF KZMAZZQA
030033 SBGRYOYX
(FPL-TAM8110-IS
-B763/H-SDE1E2E3FGHIJ3J5M1RWXYZ/HD1
-SBGR0245
-N0460F340 BGC2A UKBEV UZ26 BSI UL776 MEVOS UZ52 ACARI UA312 TIM
UA324 MINDA/M078F340 UA324 POS UG449 ANADA L452 GTK BR1L
ZFP/N0459F340 BR62V TRV GOOFY6
-KMCO0854 KFL
-PBN/A1B1D1L1O1S2 NAV/RNVD1E2A1 DAT/SV DOF/150203 REG/PTMSW
EET/SBBS0001 SBAZ0151 SMPM0340 SYGC0406 SVZM0444 TTZP0447 TJZS0546
RAFEE0558 ETEEE0603 BQN0624 MUNOZ0630 KZMA0642 MACKI0649 RNTRY0654
GTK0703 BIKIN0707 STRUD0712 RAHAM0714 OREDE0717 BENIE0729
AVNEY0733 BRRGO0739 LOGVN0741 COBBL0745 DIAZZ0747 MYNA0753
KZMA0820 SEL/KQDG CODE/E48E6F OPR/TAM RIF/GTK M076F330 A555 HARDE
BEANO3 TJSJ RMK/TCAS)

0034:08.86 TAM8110 DDL|FDP 911|NADIN BGR|O REJ| FF SBGRYOYX
030034 KZCRZQZX
REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM
FPL-TAM8110-IS -B763/H-SDE1E2E3FGHIJ3J5M1RWXYZ/HD1 -SBGR0245
-N0460F340 BGC2A UKBEV UZ26 BSI UL776 MEVOS UZ52 ACARI UA312 TIM
UA324 MINDA/M078F340 UA324 POS UG449 ANADA L452 GTK BR1L
ZFP/N0459F340 BR62V TRV GOOFY6 -KMCO0854 KFL -PBN/A1B1D1L1O1S2
NAV/RNVD1E2A1 DAT/SV DOF/150203 REG/PTMSW EET/SBBS0001 SBAZ0151
SMPM0340 SYGC0406 SVZM0444 TTZP0447 TJZS0546 RAFEE0558 ETEEE0603
BQN0624 MUNOZ0630 KZMA0642 MACKI0649 RNTRY0654 GTK0703 BIKIN0707
STRUD0712 RAHAM0714 OREDE0717 BENIE0729 AVNEY0733 BRRGO0739
LOGVN0741 COBBL0745 DIAZZ0747 MYNA0753 KZMA0820 SEL/KQDG



Sample Size 3,713 FPLs less than 24 hours

sarbot

ERAM metrics gathering **FPLs = 3713, 351 Rejects**

NADIN Messages at ZMA from 20150121 0800 to 20150122 0200 on channel * in mode ACTIVE

Key - Generate scenario

```
-----
|0800:46.36|GUY210      264|FDP      911|NADIN      FFR|I      FPL|_FF KZMAZZQA
|           |           |   |   |       |           |   |_ 210800 TFFRZPZX
|           |           |   |   |       |           |   |_ (FPL-GUY210-IS
|           |           |   |   |       |           |   |_ -AT45/M-S/C
|           |           |   |   |       |           |   |_ -TFFR1200
|           |           |   |   |       |           |   |_ -N0280F160 DCT KASKI A312 ANU B520 ELOPO DCT
|           |           |   |   |       |           |   |_ -TFFG0050 TNCM TAPA
|           |           |   |   |       |           |   |_ -DOF/150121 EET/TJZS0035 OPR/CAIRE)
-----
|0800:46.43|GUY210      264|FDP      911|NADIN      FFR|O      ACK|_FF TFFRZPZX
|           |           |   |   |       |           |   |_ 210800 KZCRZQZX
|           |           |   |   |       |           |   |_ ACK FPL KZMA GUY210 TFFR 1200 TFFG
-----
```



3.6 ACK Responses

There are no ACK messages defined in ICAO Doc. 4444 that allow a receiving ATS unit to respond to flight planning messages filed without message numbers. FAA has therefore defined ACK message responses, as outlined in Table 3-6-1. Domestic ERAS systems support use of ACK responses to FPL, CHG, DLA and CNL messages. If ERAS is able to process the FPL and determines there are no errors an ACK message will be provided in the following format:

Table 3-6-1 ACK Message Composition

Field	Element	Required/ Optional/ Prohibited	Examples
n/a	Message Type	Required	ACK

Field	Element	Required/ Optional/ Prohibited	Examples
n/a	Single space character	Required	
03	(a) Message Type Designator (FPL, CNL, CHG, DLA) of the message being responded to	Required	FPL CHG
03	(b) The FPF supplied Optional Message Number	Optional	/004
n/a	Receiving unit – Four letter identifier of the ARTCC generating the ACK	Required	-KZDC -KZOB
	Input message identification:		
07	(a) Aircraft Identification	Required	-AWE603
13	(a) Departure Aerodrome (b) Estimated Off-Block Time	Required	-KBWI1230
16	(a) Destination	Required	-KPHL

Note: If the three-letter NADIN address (Field 3b) is not adapted or not filed, response will be sent to the AFTN originator address.



System Rejects – Error Types

Time	Message Data	ACID	TYPE	Filer	Error	AC-Comp
1751:51.82	1751:51.82 CTM1275 643 FDP 911 NADIN NCM O REJ FF TNCMZPZX	CTM1275	REJ	TNCMZPZX	REJ CHG KZMA FLIGHT PLAN NOT ORIGINATED FROM	CTM
1557:01.26	1557:01.26 WWI24 365 FDP 911 NADIN NCM O REJ FF TNCMZPZX	WWI24	REJ	TNCMZPZX	REJ CHG KZMA FLIGHT PLAN NOT ORIGINATED FROM	WWI
1726:05.70	1726:05.70 KLM785 134 FDP 911 NADIN NCM O REJ FF TNCMZPZX	KLM785	REJ	TNCMZPZX	REJ CHG KZMA MANUAL COORDINATION REQUIRED	KLM
1729:43.53	1729:43.53 KLM785 134 FDP 911 NADIN NCM O REJ FF TNCMZPZX	KLM785	REJ	TNCMZPZX	REJ CHG KZMA MANUAL COORDINATION REQUIRED	KLM
0924:55.78	0924:55.78 KYE501 761 FDP 911 NADIN YYZ O REJ FF CYYZXSX	KYE501	REJ	CYYZXSX	REJ CHG KZMA MANUAL COORDINATION REQUIRED	KYE
1647:02.41	1647:02.41 N718MC 037 FDP 911 NADIN SNA O REJ FF KSNAXGSX	N718MC	REJ	KSNAXGSX	REJ CHG KZMA MANUAL COORDINATION REQUIRED	N71
1705:45.95	1705:45.95 PANAMA1 DDL FDP 911 NADIN KBI O REJ FF EKBIKPUF	PANAMA1	REJ	EKBIKPUF	REJ CHG KZMA MULT FLT PLANS MNL COOR REQD	PAN
1524:46.77	1524:46.77 AVA002 DDL FDP 911 NADIN KBQ O REJ FF SKBQZPZX	AVA002	REJ	SKBQZPZX	REJ CHG KZMA NO FLT PLAN MNL COOR REQD	AVA
1020:03.60	1020:03.60 BAW43C DDL FDP 911 NADIN UCH O REJ FF EUCHZMFP	BAW43C	REJ	EUCHZMFP	REJ CHG KZMA NO FLT PLAN MNL COOR REQD	BAW
1756:01.09	1756:01.09 CTM1275 643 FDP 911 NADIN NCM O REJ FF TNCMZPZX	CTM1275	REJ	TNCMZPZX	REJ CHG KZMA NO FLT PLAN MNL COOR REQD	CTM
1756:33.69	1756:33.69 CTM1275 643 FDP 911 NADIN NCM O REJ FF TNCMZPZX	CTM1275	REJ	TNCMZPZX	REJ CHG KZMA NO FLT PLAN MNL COOR REQD	CTM
1704:19.80	1704:19.80 LIA550 463 FDP 911 NADIN NCM O REJ FF TNCMZPZX	LIA550	REJ	TNCMZPZX	REJ CHG KZMA NO FLT PLAN MNL COOR REQD	LIA
1708:36.70	1708:36.70 LIA550 463 FDP 911 NADIN NCM O REJ FF TNCMZPZX	LIA550	REJ	TNCMZPZX	REJ CHG KZMA NO FLT PLAN MNL COOR REQD	LIA
1051:03.34	1051:03.34 FDP 911 NADIN ROC O REJ FF MROCZPZX	N834PA	REJ	MROCZPZX	REJ CNL KZMA ICAO MESSAGE - NO CLOSED PAREN	N83
1150:47.79	1150:47.79 FDP 911 NADIN DPA O REJ FF KDPAUALT	UAL1069	REJ	KDPAUALT	REJ CNL KZMA ICAO MESSAGE - NO CLOSED PAREN	UAL
1604:00.58	1604:00.58 AAL1639 DDL FDP 911 NADIN TUL O REJ FF KTULAALD	AAL1639	REJ	KTULAALD	REJ CNL KZMA MANUAL COORDINATION REQUIRED	AAL
1740:11.20	1740:11.20 EJA978 DDL FDP 911 NADIN CMH O REJ FF KCMHEJAA	EJA978	REJ	KCMHEJAA	REJ CNL KZMA MANUAL COORDINATION REQUIRED	EJA
1026:02.03	1026:02.03 SBS3504 DDL FDP 911 NADIN KBI O REJ FF EKBIKPUF	SBS3504	REJ	EKBIKPUF	REJ CNL KZMA MANUAL COORDINATION REQUIRED	SBS



System Rejects Error Types

B				C	D	E	F	G	H
1604:00.58 AAL1639	DDL FDP	911 NADIN	TUL O REJ FF	KTULAALD	AAL1639	REJ	KTULAALD	REJ CNL KZMA MANUAL COORDINATION REQUIRED	AAL
1740:11.20 EJA978	DDL FDP	911 NADIN	CMH O REJ FF	KCMHEJAA	EJA978	REJ	KCMHEJAA	REJ CNL KZMA MANUAL COORDINATION REQUIRED	EJA
1026:02.03 SBS3504	DDL FDP	911 NADIN	KBI O REJ FF	EKBICPUF	SBS3504	REJ	EKBICPUF	REJ CNL KZMA MANUAL COORDINATION REQUIRED	SBS
1351:56.46 AAL913	DDL FDP	911 NADIN	TUL O REJ FF	KTULAALD	AAL913	REJ	KTULAALD	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	AAL
1745:46.84 CFG243	DDL FDP	911 NADIN	GCC O REJ FF	EGCCMYTX	CFG243	REJ	EGCCMYTX	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	CFG
1117:17.70 LAE1812	DDL FDP	911 NADIN	KBO O REJ FF	SKBOZPZF	LAE1812	REJ	SKBOZPZF	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	LAE
1541:13.39 MPH1159	DDL FDP	911 NADIN	UCH O REJ FF	EUCHZMFP	MPH1159	REJ	EUCHZMFP	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	MPH
1038:13.03 N377JC	DDL FDP	911 NADIN	DCM O REJ FF	KDCMYXX	N377JC	REJ	KDCMYXX	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	N37
1237:58.10 NSH146	DDL FDP	911 NADIN	DCM O REJ FF	KDCMYXX	NSH146	REJ	KDCMYXX	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	NSH
1307:12.18 PRERE	DDL FDP	911 NADIN	MIA O REJ FF	KMIAYFYX	PRERE	REJ	KMIAYFYX	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	PRE
1033:32.08 SWG414	DDL FDP	911 NADIN	KPR O REJ FF	LKPRTVSX	SWG414	REJ	LKPRTVSX	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	SWG
1414:03.51 WYM200	DDL FDP	911 NADIN	DCM O REJ FF	KDCMYXX	WYM200	REJ	KDCMYXX	REJ CNL KZMA NO FLT PLAN MNL COOR REQD	WYM
1453:08.45 DTA702	233 FDP	911 NADIN	NLU O REJ FF	FNLUZPZX	DTA702	REJ	FNLUZPZX	REJ DLA KZMA FLIGHT PLAN NOT ORIGINATED FROM	DTA
1658:40.58 LIA550	463 FDP	911 NADIN	NCM O REJ FF	TNCMZPZX	LIA550	REJ	TNCMZPZX	REJ DLA KZMA FLIGHT PLAN NOT ORIGINATED FROM	LIA
1437:12.13 N179MR	970 FDP	911 NADIN	DPC O REJ FF	MDPCZPZX	N179MR	REJ	MDPCZPZX	REJ DLA KZMA FLIGHT PLAN NOT ORIGINATED FROM	N17
1800:38.37 UAL1631	504 FDP	911 NADIN	NCM O REJ FF	TNCMZPZX	UAL1631	REJ	TNCMZPZX	REJ DLA KZMA FLIGHT PLAN NOT ORIGINATED FROM	UAL
1543:28.07 YV1018	457 FDP	911 NADIN	DLR O REJ FF	MDLRZPZX	YV1018	REJ	MDLRZPZX	REJ DLA KZMA FLIGHT PLAN NOT ORIGINATED FROM	YV1
1029:03.31 BAW253	657 FDP	911 NADIN	UCH O REJ FF	EUCHZMFP	BAW253	REJ	EUCHZMFP	REJ DLA KZMA MANUAL COORDINATION REQUIRED	BAW
0903:34.84 FWI556	482 FDP	911 NADIN	UCH O REJ FF	EUCHZMFP	FWI556	REJ	EUCHZMFP	REJ DLA KZMA MANUAL COORDINATION REQUIRED	FWI
0932:03.77 FWI556	482 FDP	911 NADIN	UCH O REJ FF	EUCHZMFP	FWI556	REJ	EUCHZMFP	REJ DLA KZMA MANUAL COORDINATION REQUIRED	FWI
0932:04.83 FWI556	482 FDP	911 NADIN	UCH O REJ FF	EUCHZMFP	FWI556	REJ	EUCHZMFP	REJ DLA KZMA MANUAL COORDINATION REQUIRED	FWI
1701:06.78 GTM0845	790 FDP	911 NADIN	UGM O REJ FF	MUGMYXYX	GTM0845	REJ	MUGMYXYX	REJ DLA KZMA MANUAL COORDINATION REQUIRED	GTM
1621:51.03 INC521	35W FDP	911 NADIN	NCM O REJ FF	TNCMZPZX	INC521	REJ	TNCMZPZX	REJ DLA KZMA MANUAL COORDINATION REQUIRED	INC
1051:41.63 KLM757	690 FDP	911 NADIN	UCH O REJ FF	EUCHZMFP	KLM757	REJ	EUCHZMFP	REJ DLA KZMA MANUAL COORDINATION REQUIRED	KLM
1425:12.96 MPH1159	238 FDP	911 NADIN	UCH O REJ FF	EUCHZMFP	MPH1159	REJ	EUCHZMFP	REJ DLA KZMA MANUAL COORDINATION REQUIRED	MPH
1452:07.04 MPH1159	238 FDP	911 NADIN	UCH O REJ FF	EUCHZMFP	MPH1159	REJ	EUCHZMFP	REJ DLA KZMA MANUAL COORDINATION REQUIRED	MPH
1754:00.36 SPAR31	852 FDP	911 NADIN	DSD O REJ FF	MDSZPZX	SPAR31	REJ	MDSZPZX	REJ DLA KZMA MANUAL COORDINATION REQUIRED	SPA



System Rejects – Error Types

1603:18.15	FDP 911 NADIN ROC O REJ FF MROCZPXZ		N57SL	REJ	MROCZPXZ	REJ FPL KZMA ICAO MESSAGE - NO CLOSED PAREN	N57
1623:51.80	FDP 911 NADIN ROC O REJ FF MROCZPXZ		TSC115	REJ	MROCZPXZ	REJ FPL KZMA ICAO MESSAGE - NO CLOSED PAREN	TSC
1648:54.09	FDP 911 NADIN ZBZ O REJ FF MZBZZPXZ		AAL2440	REJ	MZBZZPXZ	REJ FPL KZMA ICAO MESSAGE - NO CLOSED PAREN	AAL
1652:56.78	FDP 911 NADIN SLP O REJ FF MSLPZPXZ		RPN803	REJ	MSLPZPXZ	REJ FPL KZMA ICAO MESSAGE - NO CLOSED PAREN	RPN
1703:58.66	FDP 911 NADIN SLP O REJ FF MSLPZPXZ		TAI580	REJ	MSLPZPXZ	REJ FPL KZMA ICAO MESSAGE - NO CLOSED PAREN	=LEFT(D69
1710:19.99	FDP 911 NADIN SLP O REJ FF MSLPZPXZ		TAI570	REJ	MSLPZPXZ	REJ FPL KZMA ICAO MESSAGE - NO CLOSED PAREN	TAI
1747:26.48	FDP 911 NADIN GGT O REJ FF MGGTZPXZ		AAL2359	REJ	MGGTZPXZ	REJ FPL KZMA ICAO MESSAGE - NO CLOSED PAREN	AAL
1748:53.24	FDP 911 NADIN SLP O REJ FF MSLPZPXZ		DAL374	REJ	MSLPZPXZ	REJ FPL KZMA ICAO MESSAGE - NO CLOSED PAREN	DAL
1729:14.20 JBU958	DDL FDP 911 NADIN NCA O REJ FF TNCAZPXZ		JBU958	REJ	TNCAZPXZ	REJ FPL KZMA AID JBU958/A3370 FORMAT	JBU
0815:50.28 DLH460	DDL FDP 911 NADIN UCH O REJ FF EUCHZMFP		DLH460	REJ	EUCHZMFP	REJ FPL KZMA DST ZFP.ANNEY2 FIX NOT ON STAR	DLH
1338:06.04 YV1018	DDL FDP 911 NADIN DLR O REJ FF MDLRZPXZ		YV1018	REJ	MDLRZPXZ	REJ FPL KZMA EET FORMAT	YV1
1344:51.95 YV1018	DDL FDP 911 NADIN ZMA O REJ FF KZMAZRZX		YV1018	REJ	KZMAZRZX	REJ FPL KZMA EET FORMAT	YV1
1703:15.95 AAL982	DDL FDP 911 NADIN PTO O REJ FF MPTOZPXZ		AAL982	REJ	MPTOZPXZ	REJ FPL KZMA EQP SDE3GHIRWXZ Z PRESENT BUT CO	AAL
1434:10.09 N1726M	DDL FDP 911 NADIN VMI O REJ FF SVMIZPXZ		N1726M	REJ	SVMIZPXZ	REJ FPL KZMA EQP SDFGH1J2J3J4RTUYZ INVALID EQ	N17
1515:50.72 OMAHA46	DDL FDP 911 NADIN PTO O REJ FF MPTOZPXZ		OMAHA46	REJ	MPTOZPXZ	REJ FPL KZMA EQP SGHIRU R PRESENT BUT PBN ABS	OMA
1431:17.19 GEC8226	DDL FDP 911 NADIN ZMA O REJ FF KZMAZRZX		GEC8226	REJ	KZMAZRZX	REJ FPL KZMA EQP/PBN SDE2E3FHJ7M3RWXY/A1B1C1	GEC
1438:12.91 GEC8226	DDL FDP 911 NADIN ZMA O REJ FF KZMAZRZX		GEC8226	REJ	KZMAZRZX	REJ FPL KZMA EQP/PBN SDE2E3FHOIJ7M3RWXY/A1B1C	GEC
1321:28.60 ROI1220	DDL FDP 911 NADIN ZMA O REJ FF KZMAZRZX		ROI1220	REJ	KZMAZRZX	REJ FPL KZMA EQP/PBN SDRW/B2B4B5 REQUIRED EQP	ROI
1321:57.02 ROI1220	DDL FDP 911 NADIN ZMA O REJ FF KZMAZRZX		ROI1220	REJ	KZMAZRZX	REJ FPL KZMA EQP/PBN SDRW/B2B4B5 REQUIRED EQP	ROI
1302:32.02 PRERE	DDL FDP 911 NADIN MIA O REJ FF KMIAIFYX		PRERE	REJ	KMIAIFYX	REJ FPL KZMA EQP/PBN SDRWY/B2C2D2S1 REQUIRED	PRE
1757:26.26 VPCDV	DDL FDP 911 NADIN VMI O REJ FF SVMIZPXZ		VPCDV	REJ	SVMIZPXZ	REJ FPL KZMA EQP/PBN SGHRWY/A1B1 REQUIRED EQP	VPC
1258:59.26 AAL1036	DDL FDP 911 NADIN NCA O REJ FF TNCAZPXZ		AAL1036	REJ	TNCAZPXZ	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	AAL
1739:23.70 AAL1609	DDL FDP 911 NADIN NCA O REJ FF TNCAZPXZ		AAL1609	REJ	TNCAZPXZ	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	AAL
1430:42.25 AAL1632	DDL FDP 911 NADIN ZMA O REJ FF KZMAZRZX		AAL1632	REJ	KZMAZRZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	AAL
1431:17.40 AAL1632	DDL FDP 911 NADIN ZMA O REJ FF KZMAZRZX		AAL1632	REJ	KZMAZRZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	AAL
1609:59.18 AAL1639	DDL FDP 911 NADIN TUL O REJ FF KTULAALD		AAL1639	REJ	KTULAALD	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	AAL
0936:10.61 AAL234	DDL FDP 911 NADIN BGR O REJ FF SBGRYOYX		AAL234	REJ	SBGRYOYX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	AAL



System Rejects

67 rejects were duplicates

1117:01.71 OPT904	DDL FDP	911 NADIN	ZMA O	REJ	FF KZMAZRZX	OPT904	REJ	KZMAZRZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	OPT
1113:38.58 P4BFL	DDL FDP	911 NADIN	UVR O	REJ	FF MUVRZPZX	P4BFL	REJ	MUVRZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	P4B
1307:55.11 PRERE	DDL FDP	911 NADIN	MIA O	REJ	FF KMIAIFYX	PRERE	REJ	KMIAIFYX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	PRE
1042:25.09 PRPSE	DDL FDP	911 NADIN	ARI O	REJ	FF KARIXAAN	PRPSE	REJ	KARIXAAN	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	PRP
1042:25.32 PRPSE	DDL FDP	911 NADIN	ARI O	REJ	FF KARIXAAN	PRPSE	REJ	KARIXAAN	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	PRP
1134:29.75 PRVCO	DDL FDP	911 NADIN	ARI O	REJ	FF KARIXAAN	PRVCO	REJ	KARIXAAN	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	PRV
1536:52.55 PVG6224	DDL FDP	911 NADIN	ZMA O	REJ	FF KZMAZRZX	PVG6224	REJ	KZMAZRZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	PVG
1027:56.86 SBS3504	DDL FDP	911 NADIN	KBI O	REJ	FF EKBICTUF	SBS3504	REJ	EKBICTUF	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	SBS
1332:49.94 SLM2224	DDL FDP	911 NADIN	ILN O	REJ	FF KILNABXD	SLM2224	REJ	KILNABXD	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	SLM
1530:32.36 SWA1631	DDL FDP	911 NADIN	NCA O	REJ	FF TNCAZPZX	SWA1631	REJ	TNCAZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	SWA
1731:39.85 SWA1805	DDL FDP	911 NADIN	NCA O	REJ	FF TNCAZPZX	SWA1805	REJ	TNCAZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	SWA
1746:09.26 SWA812	DDL FDP	911 NADIN	DPC O	REJ	FF MDPCZPZX	SWA812	REJ	MDPCZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	SWA
1037:15.54 SWG414	DDL FDP	911 NADIN	KPR O	REJ	FF LKPRTVSX	SWG414	REJ	LKPRTVSX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	SWG
1720:19.06 SWG423	DDL FDP	911 NADIN	DPC O	REJ	FF MDPCZPZX	SWG423	REJ	MDPCZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	SWG
1750:57.78 SWG449	DDL FDP	911 NADIN	DPC O	REJ	FF MDPCZPZX	SWG449	REJ	MDPCZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	SWG
1452:37.32 TAI396	DDL FDP	911 NADIN	NMG O	REJ	FF MNMGZPZX	TAI396	REJ	MNMGZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	TAI
1052:31.02 TAM8086	DDL FDP	911 NADIN	BGR O	REJ	FF SBGRYOYX	TAM8086	REJ	SBGRYOYX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	TAM
0917:37.20 TAM9600	DDL FDP	911 NADIN	BGR O	REJ	FF SBGRYOYX	TAM9600	REJ	SBGRYOYX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	TAM
0824:40.63 TSC284	DDL FDP	911 NADIN	YUL O	REJ	FF CYULTSCX	TSC284	REJ	CYULTSCX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	TSC
1608:32.13 TSC569	DDL FDP	911 NADIN	DPC O	REJ	FF MDPCZPZX	TSC569	REJ	MDPCZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	TSC
1603:42.37 TSC769	DDL FDP	911 NADIN	DPC O	REJ	FF MDPCZPZX	TSC769	REJ	MDPCZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	TSC
1727:03.41 TSC845	DDL FDP	911 NADIN	DPC O	REJ	FF MDPCZPZX	TSC845	REJ	MDPCZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	TSC
1333:26.10 UAL1022	DDL FDP	911 NADIN	PTO O	REJ	FF MPTOZPZX	UAL1022	REJ	MPTOZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	UAL
1153:06.53 UAL1069	DDL FDP	911 NADIN	ZMA O	REJ	FF KZMAZRZX	UAL1069	REJ	KZMAZRZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	UAL
1156:59.59 UAL1069	DDL FDP	911 NADIN	DPA O	REJ	FF KDPAUALT	UAL1069	REJ	KDPAUALT	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	UAL
1744:48.59 UAL1473	DDL FDP	911 NADIN	DSD O	REJ	FF MDSZPZX	UAL1473	REJ	MDSZPZX	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	UAL
0853:03.09 WJA2773	DDL FDP	911 NADIN	YYC O	REJ	FF CYYCWJAO	WJA2773	REJ	CYYCWJAO	REJ FPL KZMA EXACT DUPLICATE FP IN SYSTEM	WJA



Conclusion

- Harmonization of flight plan filing supports safety objectives through standardization and promotes regional economic efficiencies.
- Standardized flight plan filing not only extends the knowledge of our member states process recurring filing issues.
- As our aircraft operators invest in aircraft technology, they expect it to be compatible with systems and procedures used by regional air flight planning service providers.
- Error free flight plans provides support for our AIDC technologies and implementation and is critical to cross-border, regional and multi-regional interoperability. This, in turn, drives the seamless operation of regional and global systems.

