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*International Civil Aviation Organization*

**The Combined Tenth Meeting of the South Asia/Indian Ocean ATM Coordination Group (SAIOACG/10) and Twenty—Seventh Meeting of the South-East Asia ATS Coordination Group (SEACG/27)**

Video Teleconference, 29 March – 02 April 2021

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### **Agenda Item 3: Review of Current Operations and Problem Areas**

#### **INFORMATION ON MISSING DEPARTURE (DEP) MESSAGES**

(Presented by Indonesia)

##### **SUMMARY**

This paper presents that Indonesia has identified non-receipt of DEP messages which flown over Jakarta FIR and Ujung Pandang FIR and analyze the issue.

### **1. INTRODUCTION**

1.1 Since the ANS deficiency of Indonesia regarding non-compliance with ICAO Document 4444 PANS ATM – Departure Messages was being deleted, Indonesia has continuously analyze and investigate the possibilities of the same problems would arise again. Indonesia even has set key performance indicators to measure the corrective actions that have been taken to prevent the same issues happened.

### **2. DISCUSSION**

#### Missing Departure (DEP) Messages

2.1 ICAO provided an update on the issue of Missing Departure (DEP) messages, as discussed at ATM/SG/8-WP11 in 23-27 November 2020.

2.2 The meeting was reminded of ICAO Doc 4444 Procedures for Air Navigation Services – Air Traffic Management (PANS-ATM) specifies in section 11.2.1.1.1 that messages for ATS purposed (including FPL and associated ATS Messages) shall be originated by the appropriate ATS units, except that, through special local arrangement, ATS units may delegate the responsibility for originating movement messages to the pilot, the operator, or its designated representative.

2.3 There are number of factors that contributes to the non-receipt of ATS messages at affected ATS Units. While this paper is mainly focused on the matter of missing DEP messages for overflying flight through Jakarta FIR and Ujung Pandang FIR.

2.4 Indonesia has found multiple examples of specifying non-compliant Flight Plan (FPL) addressing requirements in Aeronautical Information Publication (AIP) Section ENR 1.11 together with the use in AFTN addresses of three-letter designators that were not registered to be used by the States in ICAO Document 8585 Designators for Aircraft Operating Agencies, Authorities and Services. It was noted that specification of non-compliant addresses was a key factor in missing FPL and associated FPL and associated ATS messages (including DEP Messages).

2.5 Indonesia has published in the AIP Indonesia (Vol I) ENR 1.11 about the address of Flight Plan Messages and its associated for all flight in or via Jakarta FIR or Ujung Pandang FIR. The ATS messages should be addressed in accordance Table:

Category of Flight (VFR or IFR)	Route (Into FIR and/or TMA/CTA), Destination and Alternate Aerodrome	Address
1	2	3
All Flight	Into or via Jakarta FIR	WIIIZQZX
	Into or via Ujung Pandang FIR	WAAAZQZX
	Added by: Destination and Alternate Aerodrome	Aerodrome's Location Indicator + ZPZ + X
	Into or via Jakarta FIR and Ujung Pandang FIR should be addressed to Centralized FPL (CFPL) AirNav Indonesia.	WRRRZEZX

2.6 Indonesia has conducted periodic monitoring and evaluation of sending DEP Messages every month and reviewing PDAI ATS Message in order to minimize missing DEP.

2.7 Indonesia provided a detailed data traffic of non-receipt of DEP messages for overflying via Jakarta FIR and Ujung Pandang FIR for the period July – December 2020 (**Attachment A**).

### 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) continue to improve DEP message origination, and ensure that FPL addressing requirements comply with ICAO Doc 4444 - PANS-ATM;
- c) continue to analyze other reasons that cause non-receipt DEP Messages; and
- d) discuss any relevant matters as appropriate.

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Aircraft ID	Time Receive FPL	DEP AD	ETD	DEST AD	DOF	Originator	Type of flight	F I R	DEP MSG
QFA22	08.48	RJAA	11.00	YSSY	200701	YSSYQFAO	S	WAAF	NIL
ATN309	14.00	FJDG	16.00	RJTY	200701	KLITATNX	S	WIIF	NIL
CKS259	07.56	YSSY	09.15	WSSS	200702	KYIPCKSH	S	WIIF	NIL
GT64K	00.46	VOAR	04.30	VOAR	200703	VOMMZPZX	M	WIIF	NIL
MXD162 2	02.23	WMKK	10.50	WBGG	200703	WMKKZPZM	S	WIIF	NIL
VOZ191 7	03.59	YPCC	06.30	YPMX	200703	YBBBZPZX	S	WIIF	NIL
BDF123	7.53	YPCC	00.01	YPMX	200704	YBBBZPZX	G	WIIF	NIL
BDF123	07.05	YPMX	01.00	YPMX	200705	YBBBZEZX	G	WIIF	NIL
MXD1622	07.32	WMKK	10.40	WBGG	200704	WMKKZPZM	S	WIIF	NIL
NEP306	17.26	WMKK	19.00	WBGG	200705	CYYZXNSX	S	WIIF	NIL
RMY544	05.32	WBGG	10.30	WMSA	200708	WBGGOYX	S	WIIF	NIL
TREK02	08.29	PGUA	15.40	YPDN	200708	PPPCYXYX	M	WAAF	NIL
MXD222	21.59	VOMM	07.25	WMKK	200709	WMKKMXTX	S	WIIF	NIL
ETH640	21.23	WSSS	02.46	HAAB	200710	WSSSZPZX	S	WIIF	NIL
UAE356	24.23	YPPH	03.26	WSSS	200710	OMDBUAEK	S	WIIF	NIL
CGLXC	22.44	WBGG	03.00	WMSA	200711	KARIXAAN	N	WIIF	NIL
VJT946	03.56	OMDB	03.30	WSSL	200713	KDENX LDS	N	WIIF	NIL

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NEP342	00.35	WBGG	05.30	WMKK	200714	CYYZXNSX	S	WIIF	NIL
BDF88	02.41	YPGV	02.00	YPGV	200715	YBBBZEZX	G	WAAF	NIL
ATN309	14.01	FJDG	16.00	RJTY	200715	KLITATNX	S	WIIF	NIL
NEP306	18.29	WMKK	20.15	WBGG	200715	CYYZXNSX	S	WIIF	NIL
NEP342	19.11	WBGG	05.30	WMKJ	200716	CYYZXNSX	S	WIIF	NIL
UAE355	22.55	YPPH	0325	WSSS	200716	OMDBUAEK	S	WIIF	NIL
XAX690	00.17	WMKK	03.00	EDDC	200716	CYYZXNSX	S	WIIF	NIL
ARGO305	00.56	RPLL	02.00	WPDJ	200716	RPLLYIYX	M	WAAF	NIL
MAS2542	00.38	WMKK	01.00	WBGG	200718	WMKKZPZM	S	WIIF	NIL
NEP341	18.47	WMKK	03.00	WBGG	200721	CYYZXNSX	S	WIIF	NIL
NEP342	18.50	WBGG	05.30	WMKK	200721	CYYZXNSX	S	WIIF	NIL
HBJKI	21.26	WMSA	23.30	WBGG	200720	LSZHVCNX	G	WIIF	NIL
MXD1601	22.23	WBGG	06.45	WMKK	200721	WBGGOYX	S	WIIF	NIL
AM660	14.29	YPXM	06.00	YPCC	200722	YBBBZPZX	G	WIIF	NIL
SVA828	13.50	OEJN	19.10	WMKK	200723	EDDFSVAX	S	WIIF	NIL
BDF123	09.11	YPCC	02.00	YPXM	200725	YBBBZPZX	G	WIIF	NIL

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CKS232	06.35	YSSY	09.10	WSSS	200725	KYIPCKSH	S	WIIF	NIL
BDF44	22.11	YBRM	23.30	YBRM	200725	YBBBZEZX	G	WAAF	NIL
BDF33	22.05	YHID	23.00	YHID	200726	YBBBZEZX	G	WAAF	NIL
N588TN	09.35	PGUM	18.00	WPDJ	200727	KARIXAAN	N	WAAF	NIL
MAS2536	04.05	WMKK	06.05	WBGJ	200728	WMKKZPZM	S	WIIF	NIL
NEP342	05.23	WBGJ	05.30	WMKK	200728	CYYZXNSX	S	WIIF	NIL
MAS2517	05.44	WBGJ	08.50	WMKK	200728	WBGJYOYX	S	WIIF	NIL
VOZ1918	07.02	YPXM	09.05	YPCC	200728	YBBBZPZX	S	WIIF	NIL
ATN309	'14.00	FJDG	'16.00	RJTY	200729	KLITATNX	S	WIIF	NIL
NEP307	18.05	WBGJ	22.40	WMKK	200729	CYYZXNSX	S	WIIF	NIL
NEP307	18.50	WMKK	03.00	WBGJ	200730	CYYZXNSX	S	WIIF	NIL
JF142	07.12	FJDG	00.50	ROAH	-	FJDGYXYX	M	WIIF	NIL
ASY594	20.50	PGUA	23.00	YWLM	200730	KDENXLDI	M	WAAF	NIL
ASY596	00.58	PGUA	0030	YWLM	NIL	KZCEZQZX	M	WAAF	NIL
UAL2861	04.42	PGUM	02.40	WSSS	'-	KZCEZQZX	N	WAAF & WIIF	NIL

AGUSTUS

Aircraft ID	Time Receive FPL	DEP AD	EOBT	DEST AD	DOF	Originator	Type of flight	F I R	DEP MSG
AXM5507	01.39	WBGG	'09.35	WMKC	200801	WBGGYOYX	S	WIIF	NIL
BDF11	21.47	YHID	22.30	YHID	200802	YBBBZEZX	G	WAAF	NIL
BDF123	09.12	YPCC	01.30	YPMX	200804	YBBBZPZX	G	WIIF	NIL
MAS6422	13.47	YPPH	17.15	WMKK	200803	YBBBZPZX	S	WIIF	NIL
NEP342	18.33	WBGG	05.30	WMKK	200804	CYYZXNSX	S	WIIF	NIL
NEP341	18.33	WMKK	03.00	WBGG	200804	CYYZXNSX	S	WIIF	NIL
MXD1601	22.34	WBGG	06.45	WMKK	200804	WBGGYOYX	S	WIIF	NIL
MXD1602	22.4	WMKK	04.15	WBGG	200804	YBBBZPZX	S	WIIF	NIL
VDA3597	00.12	YPPH	05.00	WMKK	200804	UWLWIEPN	N	WIIF	NIL
MAS2536	05.26	WMKK	06.05	WBGG	200804	WMKKZPZM	S	WIIF	NIL
CXM305	05.35	WBGG	15.15	WMKK	200804	WBGGYOYX	N	WIIF	NIL
MAS2517	05.59	WBGG	08.50	WMKK	200804	WBGGYOYX	S	WAAF	NIL
VOV1918	07.00	YPXM	09.05	YPCC	200804	YBBBZPZX	S	WIIF	NIL
BDF123	07.20	YPXM	01.00	YPXM	200805	YBBBZEZX	G	WIIF	NIL
VJT884	07.36	VDPP	13.00	NZAA	200804	KFLYXAAX	N	WAAF	NIL

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MAS752	20.58	WMKK	22.25	WBGG	200804	WMKKZPZM	S	WIIF	NIL
MXD1601	22.30	WBGR	06.45	WMKK	200805	WBGGYOYX	S	WIIF	NIL
MAS6102	22.55	WMKK	23.30	WBGG	200804	WMKKZPZM	S	WIIF	NIL
MXD1602	22.57	WMKK	04.15	WBGG	200805	WMKKZPZM	S	WIIF	NIL
GTI8352	04.48	FJDG	07.45	RKSI	200805	KJFKGTIW	S	WIIF	NIL
CXM305	07.12	WBGG	15.15	WMKK	200805	WBGGYOYX	N	WIIF	NIL
NEP316	08.52	WMKK	10.00	WBGG	200805	CYYZNSX	S	WIIF	NIL'
NEP317	08.53	WBGG	12.25	WMKK	200805	CYYZNSX	S	WIIF	NIL
NEP341	18.39	WMKK	03.00	WBGG	200806	CYYZNSZ	S	WIIF	NIL
NEP342	1839	WBGG	05.30	WMKK	200806	CYYZNSX	S	WIIF	NIL
VHNYI	21.00	YBYU	01.00	WPDL	200806	YBBBZPZX	G	WAAF	NIL
VHNYI	21.00	WPDL	03.15	YBYU	200806	YBBBZPZX	G	WAAF	NIL
CXM317	22.04	WBGG	05.20	WMKK	200806	WBGGYOYX	N	WIIF	NIL
MXD1602	22.15	WMKK	04.15	WBGG	200806	WMKKZPZM	S	WIIF	NIL
MAS6118	22.53	WMKK	22.50	WBGG	200805	WMKKZPZM	S	WIIF	NIL
VHINT	11.42	PGUM	00.00	YPPH	200807	KARIXAAN	N	WAAF	NIL

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MXD1601	22.05	WBGG	06.45	WMKK	200807	WBGGYOYX	S	WIIF	NIL
MXD1602	23.13	WMKK	04.15	WBGG	200807	WBGGYOYX	S	WIIF	NIL
BDF33	01.11	YBCS	01.06	YBCS	200807	YBBBZQZA	G	WAAF	NIL
VOZ1917	04.24	YPCC	06.30	YPXM	200807	YBBBZPZX	S	WIIF	NIL
SIA467	09.00	VOCI	19.00	WSSS	200807	EDDFSIAX	S	WIIF	NIL
RCH111	17.26	FJDG	15.20	RODN	200807	KRCHYXYX	M	WIIF	NIL
SIA387	07.29	LEBL	10.05	WSSS	200808	EUCHZMFP	S	WIIF	NIL
ALK605	04.07	YMLL	06.10	VCRI	200809	YBBBZPZX	S	WIIF	NIL
SLK461	18.01	VOCI	06.15	WSSS	200810	EDDFSIAX	S	WIIF	NIL
PEARL04	07.31	RODN	14.10	YPDN	200810	PPPCYXYX	M	WAAF	NIL
BDF22	20.14	YBCS	21.30	YBCS	200810	YBBBZEZX	G	WAAF	NIL
BDF66	00.50	YPCC	02.00	YPXM	200811	YBBBZPZX	G	WIIF	NIL
SAA4586	23.28	FAOR	14.35	RPLC	200811	WIIIZPZX	X	WIIF	NIL
LUV8882	02.52	WMKK	06.00	WBGG	200812	KARIXAAN	N	WIIF	NIL
VHNYJ	20.36	YBYU	00.46	WPDL	200813	YBBBZPZX	G	WAAF	NIL
VHNYI	22.47	YBYU	00.55	WPDL	200813	YBBBZPZX	G	WAAF	NIL

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VHNYI	22.46	WPDL	02.50	YBYU	200813	YBBBZEZX	G	WAAF	NIL
VHNYJ	20.37	WPDL	03.00	YBYU	200814	YBBBZPZX	G	WAAF	NIL
PEARL03	10.51	YPDN	19.25	YPDN	200813	PPPCYXYX	M	WAAF	NIL
PEARL05	11.09	YPDN	19.26	YPDN	200813	PPPCYXYX	M	WAAF	NIL
BLUR01	17.13	PGUA	18.45	PGUA	NIL	PGUAYXYX	M	WAAF	NIL
PEARL01	23.33	YPDN	02.55	YPDN	200814	PPPCYXYX	M	WAAF	NIL
PEARL02	00.12	YPDN	2.56	YPDN	200814	YBBBZPZX	M	WAAF	NIL
VOZ1917	04.06	YPCC	06.20	YPXM	200814	YBBBZPZX	S	WIIF	NIL
PEARL04	20.32	YPDN	00.10	RODN	200815	PPPCYXYX	M	WAAF	NIL
VJT796	22.41	WSSL	03.45	OMDW	200815	WSSLZPZX	N	WIIF	NIL
SIA387	04.32	LEBL	10.05	WSSS	200815	EUCHZMFP	S	WIIF	NIL
FDX73	21.46	YSSY	'00.10	VHHH	200817	KMEMFDXD	S	WAAF	NIL
VHMFH	22.44	WPOC	00.20	WPDL	200817	YBBBZEZX	G	WAAF	NIL
BDF112	08.05	YPGV	02.00	YPGV	200818	YBBBZEZX	G	WAAF	NIL
SND5	11.07	YPPH	01.00	YPXM	200818	KDENXLDS	N	WIIF	NIL
BDF112	02.13	YPGV	02.11	YPGV	200818	YBBBZQZA	G	WAAF	NIL

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BDF123	07.05	YPXM	01.00	YPXM	200819	YBBBZEZX	G	WIIF	NIL
RCH596	07.23	RODN	04.40	FJDG	200818	KRCHYXYX	M	WIIF	NIL
VHMFM	23.34	WPOC	23.55	WPDL	200821	YBBBZPZX	G	WAAF	NIL
BDF22	03.28	YBCS	04.30	YBCS	200822	YBBBZEZX	G	WAAF	NIL
BDF22	06.09	YBCS	04.53	YBCS	200822	YBBBZQZA	G	WAAF	NIL
ALK607	10.04	YSSY	11.25	VCRI	200822	YBBBZPZX	S	WIIF	NIL
CKS249	11.04	YMLL	15.15	VHHH	200823	KYIPCKSH	S	WAAF	NIL
PEARL02	14.26	YPDN	20.06	YPDN	200823	PPPCYXYX	M	WAAF	NIL
PEARL03	14.36	YPDN	20.07	YPDN	200823	YBBBZPZX	M	WAAF	NIL
WAKE01	23.25	FJDG	17.57	FJDG	200823	YBBBZQZA	M	WIIF & WAAF	NIL
SUMO51	23.45	YPDN	23.59	RODN	200823	YBBBZPZX	M	WAAF	NIL
PEARL04	00.33	YPDN	04.30	YPDN	200824	YBBBZPZX	M	WAAF	NIL
PEARL05	00.34	YPDN	04.31	YPDN	200824	YBBBZPZX	M	WAAF	NIL
ABD797	04.30	OMDW	07.30	WSSS	200824	BIRKABDO	S	WIIF	NIL
SUMO51	11.19	YPDN	23.30	RODN	200824	YBBBZPZX	M	WAAF	NIL
SUMO51	11.19	YPDN	00.04	RODN	200825	YBBBZPZX	M	WAAF	NIL

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VHMF	03.49	WPD	05.45	WPOC	200825	YBBBZPZX	G	WAAF	NIL
TREK904	08.25	RJTY	07.55	FJDG	200825	WIIIFDOX	M	WIIF	NIL
BDF22	02.26	YHID	02.03	YHID	200826	YBBBZQZA	N	WAAF	NIL
TREK904	14.27	FJDG	11.00	RODN	200826	YMMMZQZX	M	WIIF	NIL
BDF123	07.35	YPXM	01.30	YBRM	200828	YBBBZPZX	G	WIIF	NIL
QQE886	05.54	FAOR	11.20	VHHH	200829	EDDFQTRX	N	WIIF	NIL
AIC309	19.17	YMML	23.15	VIDP	200829	YBBBZPZX	S	WIIF	NIL
VDA3780	14.13	WBKK	19.30	YPPD	200830	UWLWIEPN	N	WAAF	NIL
CKS232	18.47	YSSY	22.30	VHHH	200831	KYIPCKSH	S	WAAF	NIL

SEPTEMBER

Aircraft ID	Time Receive FPL	DEP AD	ETD	DEST AD	DOF	Originator	Type of flight	F I R	DEP SMG
BDF22	21.50	YHID	22.30	YHID	200902	YBBBZQZA	G	WAAF	NIL
N312ZW	08.56	OMDB	16.15	WSSL	200903	KHOUUVAX	G	WIIF	NIL
VDA3781	19.31	YPPD	01.00	WMKJ	200904	JWLWIEPN	N	WIIF	NIL
HBVSC	18.30	VOMM	02.30	WSSL	200905	KHOUUVAX	G	WIIF	NIL
ASY621	21.15	YPDN	23.00	WMKB	200904	KDENXLDI	M	WAAF&WIIF	NIL
VHIQR	14.11	YPPH	01.00	VYYY	290907	WSSSEDA	G	WIIF	NIL
T7TZE	14.56	ZSPD	01.00	YSSY	290907	ZSSSZFPM	G	WIIF	NIL
SDN2	03.05	YPPH	16.00	VVTS	200907	KDENXLDS	N	WIIF	NIL
BDF11	03.15	YBCS	02.50	YBCS	200907	YBBBZQZX	G	WAAF	NIL
SDN2	03.21	VVTS	23.30	YPDN	200907	KDENXLDS	N	WAAF	NIL
JN82	13.59	WMKK	01.45	FJDG	200908	WMKKZPZM	M	WIIF	NIL
JN83	14.08	WMKK	02.00	FJDG	200908	WMKKZPZM	M	WIIF	NIL
OEIXG	14.10	RPLL	23.00	YBBN	200907	RPLLYIYX	G	WAAF	NIL
RCH419	18.37	RODN	13.26	FJDG	200907	WIIIFDOX	M	WIIF	NIL
JN82	02.02	WMKK	01.45	FJDG	200908	WMKKZPZM	M	WIIF	NIL
JN83	02.03	WMKK	02.00	FJDG	200908	WMKKZPZM	M	WIIF	NIL

SEPTEMBER

MDG8018	09.47	FMMI	11.00	VHHH	200908	BIRKABDO	S	WIIF	NIL
AM648	01.13	YPLM	05.30	YPXM	200910	YBBBZPZX	G	WIIF	NIL
AM648	01.23	YPXM	08.00	YPLM	200910	YBBBZPZX	G	WIIF	NIL
RCH419	08.25	FJDG	06.50	RODN	200910	WIIIFDOX	M	WIIF	NIL
RRR2100	19.27	FJDG	01.00	WBSB	200911	KATLSITB	M	WIIF	NIL
EAGLE1	14.31	VOPB	02.40	VOPB	200912	VOPBYFY X	M	WIIF	NIL
EAGLE1	19.50	VOBX	05.15	VOPB	-	VOMMZP ZX	M	WIIF	NIL
GL38B	06.49	VOAR	03.00	VOAR	200912	VOARZTZX	M	WIIF	NIL
ANO701	07.11	WPDL	08.20	YPDN	200912	CYYZXNSX	S	WAAF	NIL
RCH168	11.25	FJDG	09.25	RODN	200812	KRCHYXYX	M	WIIF	NIL
CKS232	20.13	YSSY	23.10	WSSS	200912	KYIPCKSH	S	WAAF & WIIF	NIL
VHMAH	23.11	WPDL	23.20	WPOC	200913	YBBBZEZX	G	WAAF	NIL
SUMO53	12.14	YPDN	23.30	RJOI	-	RJFFYWY X	M	WAAF	NIL
NEP3808	03.31	WMKK	06.50	WBGG	200915	CYYZXNSX	S	WAAF	NIL
NEP3808	06.30	YSSY	09.40	VHHH	200915	KYIPCKSH	S	WAAF	NIL
VHIQR	11.12	PGUM	18.00	YPPH	200915	WSSSEDA	G	WAAF	NIL

SEPTEMBER

VHIQR	18.35	PGUM	18.00	YPPH	-	KZCEZQZ X	G	WAAF	NIL
QTR8892	00.17	YPPH	04.45	WMKK	200916	EDDFQTRX	S	WIIF	NIL
NYJ	20.59	WPDL	02.40	YBYU	200917	YBBBZPZX	G	WAAF	NIL
CKS259	05.34	YSSY	0915	WSSS	200917	KYIPCKSH	S	WIIF	NIL
ABD304P	14.59	FAOR	20.00	VHHH	200917	BIRKABDO	S	WIIF	NIL
RCH108	17.09	FJDG	15.25	RODN	200917	KRCHYXYX	M	WIIF	NIL
RRR6648	13.41	FJDG	17.30	WBSB	200918	EGVNYWYC	M	WIIF	NIL
ALK605	04.36	YMML	09.00	VCRI	200920	YBBBZPZ X	S	WIIF	NIL
ANG9396	05.26	AYPY	07.20	WMKK	200921	NZAAANZO	S	WAAF & WIIF	NIL
HAL8081	13.13	PHNL	15.00	WSSS	200921	PHNLHAL O	N	WAAF & WIIF	NIL
SUMO57	22.29	YPDN	23.30	RODN	200923	YBBBZPZX	M	WAAF	NIL
BDF33	22.54	YBCS	22.42	YBCS	200922	YBBBZQZ A	G	WAAF	NIL
RCH230	00.10	FJDG	21.05	RODN	200922	KRCHYXYX	M	WIIF	NIL
CKS232	05.42	YSSY	05.42	WSSS	200923	KYIPCKSH	S	WIIF	NIL
VHNYI	20.52	YBYU	00.25	WPDL	200924	YBBBZPZX	G	WAAF	NIL
VHNYI	20.52	WPDL	02.30	YBYU	200924	YBBBZPZX	G	WAAF	NIL

SEPTEMBER

VHNYJ	21.02	YBYU	00.50	WPDL	200924	YBBBZPZX	G	WAAF	NIL
VHNYJ	21.02	WPDL	03.00	YBYU	200924	YBBBZPZX	G	WAAF	NIL
UAE9310	07.31	VOBL	18.35	WSSS	200925	OMDBUA EK	S	WIIF	NIL
LUV883	15.44	WMKK	01.00	WPDL	200926	KARIXAAN	N	WAAF&WIIF	NIL
AXM7120	16.47	WMKK	21.35	WPDL	200925	VMKKAXM	S	WAAF&WIIF	NIL
AXM7121	16.49	WMKK	02.15	WPDL	200926	VMKKAXM	S	WAAF&WIIF	NIL
N202HT	17.30	YPDN	22.30	RPMR	200925	KHOUUVAX	G	WAAF	NIL
LUV883	04.45	WMKK	05.00	WPDL	200926	KARIXAAN	G	WAAF & WIIF	NIL
LUV883	16.50	WMKK	19.00	WPDL	200926	KARIXAA N	N	WIIF & WAAF	NIL
LUV884	18.34	WPDL	00.00	WMKK	200927	KARIXAA N	N	WIIF & WAAF	NIL
LUV884	03.22	WPDL	04.00	WMKK	200927	KARIXAAN	N	WAAF & WIIF	NIL
T7SKL	16.13	NVVV	05.00	VHHH	200928	KHPNTBJA	G	WAAF	NIL
AM624	04.36	VVNB	04.35	YPDN	200928	VVNBZPZX	N	WAAF	NIL
ALK605	07.31	YMML	12.15	VCRI	200929	YBBBZPZX	S	WIIF	NIL
MAS6422	08.16	YPPH	09.35	WMKK	200929	YBBBZPZX	S	WIIF	NIL
RCH062	19.24	RODN	14.00	FJDG	200929	ROAHYWY	M	WIIF	NIL

SEPTEMBER

RCH398	20.01	VTBU	20.05	OTBH	200929	VTBBZPZX	M	WIIF	NIL
CLX5827	01.12	OMDW	03.00	WMKK	200930	ELLXCLX O	S	WIIF	NIL
MSUNY	16.44	WSSL	07.00	HTZA	201001	WSSLZPZX	G	WIIF	NIL
SAZ55	19.47	WMKJ	03.15	YMEN	201001	LSZHZPZX	X	WIIF	NIL
SIA286D	20.59	NZAA	00.50	WSSS	201001	EDDFSIAX	S	WAAF&WIIF	NIL

## OKTOBER

Aircraft ID	Time Receive FPL	DEP AD	EOBT	DEST AD	DOF	Originator	Type of flight	F I R	DEP MSG
RCH063	03.53	VTBU	02.50	VTBU	201001	VTBBZPZX	M	WIIF	NIL
RCH052	06.58	FJDG	01.38	VTBU	201001	KRCHYXYX	M	WIIF	NIL
RCH062	06.59	FJDG	02.18	VTBU	201001	KRCHYXYX	M	WIIF	NIL
RCH398	07.27	OEPS	02.00	VTBU	201001	KRCHYXYX	M	WIIF	NIL
VHLAL	18.48	VHHH	02.00	YMML	201002	VHHHZPZA	N	WAAF	NIL
BDF123	08.48	YPCC	02.00	YPXM	201003	YBBBZPZX	G	WIIF	NIL
CBJ177	16.11	ZSPD	19.20	YMML	201002	ZSSSZFPM	N	WAAF	NIL
AXM7120	16.18	WMKK	23.15	WPDL	201002	WMKKZPZM	S	WIIF & WAAF	NIL
EAGLE2	01.36	VOBX	04.55	VOBX	201004	VOPBYFYX	M	WIIF	NIL
EAGLE1	17.45	VOPB	03.40	VOPB	201004	VOPBYFYX	M	WIIF	NIL
SAF9052	09.33	WSAP	22.50	YPDN	201004	WSAPZTZX	M	WAAF & WIIF	NIL
CG782	05.16	VOPB	05.25	VOPB	201006	VOPBYFYX	M	WIIF	NIL
ATN309	14.00	FJDG	16.00	RJTY	NIL	KLITATNX	S	WIIF	NIL
DCM2673	19.05	FJDG	03.00	PGUA	201008	KHOUCXHX	G	WIIF	NIL
EAGLE1	12.25	VOCX	14.45	VOCX	201008	VOPBYFYX	M	WIIF	NIL
PEARL61	01.40	FJDG	21.08	RODN	201009	PPPCYXX	M	WIIF & WAAF	NIL
VHMAH	23.47	WPOC	01.15	WPDL	201009	YBBBZEZX	G	WAAF	NIL
VHMAH	07.17	WPOC	01.15	WPDL	201010	YBBBZEZX	G	WAAF	NIL

OKTOBER

EAGLE1	03.02	VOPB	02.10	VOPB	201010	VOMFZQZX	M	WIIF	NIL
DUB3	16.30	OMDB	23.45	WSSS	201012	OMDBYKYW	G	WIIF	NIL
MAS8760	18.40	WBGG	20.10	AYPY	201012	WBBGYOYX	S	WIIF & WAAF	NIL
RCH406	12.01	RODN	07.50	FJDG	201013	KRCHYXYX	M	WIIF	NIL
RCH445	12.11	RODN	03.15	FJDG	201013	KRCHYXYX	M	WIIF	NIL
HAL9991	13.10	PHNL	15.00	WSSS	201013	PHNLHALO	N	WAAF & WIIF	NIL
ADB321F	14.54	OMDW	17.30	WSSS	201014	UKKMADBX	N	WIIF	NIL
CGGPM	07.25	WMSA	19.30	HTMW	201015	KHOUCXHX	G	WIIF	NIL
ABD035P	07.57	FAOR	10.50	VHHH	201015	BIRKABDO	S	WIIF	NIL
CC035P	08.54	FAOR	10.50	VHHH	201015	BIRKABDO	S	WIIF	NIL
SIA8895	10.37	LFBO	14.00	WSSS	201015	EUCHZMFP	N	WIIF	NIL
SIA8897	10.47	LFBO	15.00	WSSS	201015	EUCHZMFP	N	WIIF	NIL
CGGPM	14.52	WMSA	18.45	HTMW	201015	KHOUCXHX	G	WIIF	NIL
RCH445	21.20	FJDG	19.30	RODN	201015	KRCHYXYX	M	WIIF	NIL
AM604	23.11	YPDN	04.20	WSSL	201016	KHOUCXHX	N	WIIF&WAAF	NIL
HBJKV	19.24	WMSA	01.00	LTFE	201018	LSZHVCNX	G	WIIF	NIL
RCH830	22.02	PGUA	15.10	FJDG	201017	KRCHYXYX	M	WIIF	NIL
TREK04	22.51	YPDN	09.00	PGUA	201018	YBBBZPZX	M	WAAF	NIL
N556US	06.09	WBSB	02.15	AYPY	201019	KARIXAAN	G	WAAF	NIL

OKTOBER

SUMO61	23.54	YPDN	00.30	RODN	201019	RJFFYWYX	M	WAAF	NIL
RCH175	05.20	FJDG	03.05	RODN	201020	KRCHYXYX	M	WIIF	NIL
SIA8896	07.09	LFBO	12.00	WSSS	201020	EUCHZMFP	S	WIIF	NIL
MYU7700	11.08	WBSB	09.40	WSSS	201020	WIIFDOX	N	WIIF	NIL
FJ11361	06.32	NFFN	09.00	WSSS	201021	NFFNFJIX	S	WIIF&WAAF	NIL
ABD304P	02.28	FAOR	05.10	VHHH	201022	BIRKABDO	S	WIIF	NIL
N360LF	04.05	YSSY	11.30	WMSA	201022	KHOUUVAX	G	WAAF & WIIF	NIL
N360LF	10.32	WMSA	20.55	OJAI	201022	KHOUUVAX	G	WIIF	NIL
VHTJU	05.57	YPDN	00.02	WSSL	201023	YBBBZRZB	G	WAAF & WIIF	NIL
MEDIC15	12.42	FJDG	19.00	WMSA	201023	KHOUUVAX	G	WIIF	NIL
EAGLE1	15.33	VOPB	04.10	VOPB	201024	VOPBYFYX	M	WIIF	NIL
EAGLE1	18.52	VOBX	04.11	VOBX	201024	VOPBYFYX	M	WIIF	NIL

## OKTOBER

RCH695	01.29	FJDG	15.40	RODN	201023	KRCHYXYX	M	WIIF	NIL
RCH695	01.36	FJDG	23.50	RODN	201023	WIIIFDOX	M	WIIF	NIL
SIA7953	22.24	OMSJ	01.55	WSSS	201026	EDDFSIAX	S	WIIF	NIL
BDF123	00.07	YPCC	00.30	YPCC	201027	YBBBZEX	G	WIIF	NIL
SVA842	14.08	OEJN	19.35	OEJN	201027	EDDFSIVAX	S	WIIF	NIL
BAW3589	09.19	EGLL	14.00	WMKK	2010129	EUCHZMFP	S	WIIF	NIL
ASY641	04.32	WMKB	08.15	YPDN	201030	KDENXLDI	M	WIIF & WAAF	NIL
RCH539	15.37	FJDG	14.05	RODN	201030	KRCHYXYX	M	WIIF	NIL
NWK6682	18.40	YPPD	01.40	WSSL	201030	YMMLJSTX	X	WIIF	NIL
EAU52P	22.12	RKSI	03.30	YPPH	201031	EKBICPUF	N	WAAF	NIL
CKS259	04.00	YSSY	08.25	WSSS	201031	KYIPCKSH	S	WIIF	NIL

NOVEMBER

Aircraft ID	Time Receive FPL	DEP AD	EOBT	DEST AD	DOF	Originator	Type of flight	F I R	DEP MSG
BDF22	05.01	YHID	23.00	YHID	201101	YBBBZEZX	G	WAAF	NIL
NEP342	13.11	WBGG	11.35	WMKK	201101	CYYZXNSX	S	WIIF	NIL
ABD797	17.42	OMDW	21.00	WSSS	201101	BIRKABDO	S	WIIF	NIL
BDF22	22.44	YHID	22.41	YHID	201101	YBBBZQZA	G	WAAF	NIL
N670EE	18.53	VRMM	06.00	WMKK	201104	KHOUUVAX	G	WIIF	NIL
ABD304P	12.31	FAOR	18.00	VHHH	201104	BIRKABDO	S	WIIF	NIL
SVA842	11.03	OERK	20.40	WMKK	201105	EDDFSVAX	S	WIIF	NIL
NYJ	20.49	WPDL	02.21	YBYU	201106	YBBBZPZX	G	WAAF	NIL
VOZ1917	02.38	YPCC	04.50	YPXM	201106	YBBBZPZX	S	WIIF	NIL
UAE9310	15.32	VOBL	20.35	WSSS	201106	OMDBUAEK	S	WIIF	NIL

NOVEMBER

ASY653	06.31	WMKB	00.00	YAMB	201108	KDENXLDI	M	WIIF & WAAF	NIL
RCH877	15.49	PGUA	09.20	FJDG	201107	KRCHYXYX	M	WIIF	NIL
VHWJI	22.43	WMSA	23.00	YPXM	201107	WMSAZTZX	G	WIIF	NIL
RCH863	22.50	RODN	21.11	RODN	201107	WSSSZPZX	M	WIIF	NIL
RCH871	04.41	RODN	23.35	FJDG	201107	KRCHYXYX	M	WIIF	NIL
RCH227	07.59	PGUA	23.55	FJDG	201107	YMMMZQZA	M	WIIF	NIL
RCH341	10.40	RODN	06.00	FJDG	201108	YMMMZQZX	M	WIIF	NIL
SVA842	15.03	OEJN	19.35	WMKK	201108	EDDFSVAX	S	WIIF	NIL
MAS6203	23.18	WMKK	00.30	YSSY	201109	WMKKZPZM	S	WAAF & WIIF	NIL
RCH340	19.41	RODN	12.30	FJDG	201109	YMMMZQZA	M	WIIF	NIL
RCH873	20.10	RODN	13.30	FJDG	201109	YMMMZQZA	M	WIIF	NIL
SND2	06.22	YPPH	15.30	VVTS	201111	KDENXLDI	N	WIIF	NIL

NOVEMBER

EAGLE1	18.32	VOPB	02.25	VOBX	201112	VOMMZPZX	M	WIIF	NIL
ABD304P	23.37	FAOR	03.30	VHHH	201112	BIRKABDO	S	WIIF	NIL
SVA842	16.36	OERK	20.40	WMKK	201112	EDDFSXVAX	S	WIIF	NIL
RCH550	15.47	FJDG	13.40	RODN	201113	KRCHYXYX	M	WIIF	NIL
SVA842	16.29	OEJN	19.35	WMKK	201115	EDDFSXVAX	S	WIIF	NIL
RCH826	22.41	OTBH	17.50	RODN	201115	OTHHZPZX	M	WIIF	NIL
VHMAF	23.34	WPOC	01.00	WPDL	201116	YBBBZEZX	G	WAAF	NIL
MEM3071	12.39	WBKK	17.30	AYPY	201116	WBKKYOYX	N	WAAF	NIL
N670EE	18.11	WMKK	00.01	VRMM	201117	KHOUVVAX	G	WIIF	NIL
ND301	11.56	FJDG	14.30	YMML	201118	FJDGYXYX	M	WIIF	NIL
T7TAA	12.44	WMSA	16.05	YMML	201118	WMSAZTZX	G	WIIF	NIL
ABD304P	14.03	FAOR	18.00	VHHH	201118	BIRKABDO	S	WIIF	NIL
T7TAA	14.56	YBCG	02.00	WMSA	201120	EKBICPUF	G	WAAF & WIIF	NIL

NOVEMBER

SVA842	15.57	OERK	20.4	WMKK	201119	EDDFSVAX	S	WIIF	NIL
ALK1427	18.17	WSSS	00.00	VCBI	201120	WSSLZPZX	S	WIIF	NIL
QFA30	18.39	VHHH	21.35	YMML	201119	VHHHZPZA	S	WAAF	NIL
GAF931	21.00	EDDK	09.00	YSCB	201120	EUCHZMFP	M	WAAF	NIL
SVA843	22.34	WMKK	05.40	OERK	201120	WMKKZPZM	S	WIIF	NIL
QFA29	23.49	YMML	01.20	VHHH	201120	YSSYQFAO	S	WAAF	NIL
VHVWK	22.40	WMSA	22.30	YBRM	201120	WMSAZTZX	G	WIIF & WAAF	NIL
ASY656	12.15	WMKB	00.30	YAMB	201122	KDENXLDI	M	WIIF & WAAF	NIL
QQE569	21.28	WMKK	05.55	VRDA	201122	EDDFQTRX	N	WIIF	NIL
QQE580	00.07	WMKK	05.00	OTBD	201125	EDDFQTRX	N	WIIF	NIL
VHPFW	02.19	YPPH	18.15	WSSL	201125	YBBBZPZX	G	WIIF	NIL
CKS259	04.17	YSSY	08.25	WSSS	201125	KYIPCKSH	S	WIIF	NIL
RCH144	10.24	RODN	03.25	FJDG	201125	ROAHYWYX	M	WIIF	NIL
ABD304P	18.35	FAOR	22.30	VHHH	201125	BIRKABDO	S	WIIF	NIL
NYJ	20.41	WPDL	02.39	YBYU	201126	YBBBZEZX	G	WAAF	NIL

NOVEMBER

NYI	21.03	WPDL	02.34	YBYU	201126	YBBBZPZX	G	WAAF	NIL
ALK1728	04.50	VCBI	06.00	WSSS	201126	VCBIZPZX	S	WIIF	NIL
EAGLE1	04.53	VOBX	04.55	VOBX	201126	VOMMZPZX	M	WIIF	NIL
JN4	17.09	WMKK	01.45	FJDG	201127	WMKKZPZM	M	WIIF	NIL
JN5	17.17	WMKK	02.00	FJDG	201127	WMKKZPZM	M	WIIF	NIL
EAGLE1	17.58	VOPB	02.40	VOPB	201127	VOMMZPZX	M	WIIF	NIL
EAGLE1	21.57	VOBX	03.40	VOBX	201127	VOMMZPZX	M	WIIF	NIL
JN85	03.43	WMKK	02.00	FJDG	201127	WIBBZAZB	M	WIIF	NIL
JN84	03.43	WMKK	01.45	FJDG	201127	WIBBZAZB	M	WIIF	NIL
LHOB245	10.47	OTBH	13.00	VTBU	201127	OTHHZPZX	M	WIIF	NIL
RCH44	20.26	FJDG	20.45	RODN	201127	KRCHYXYX	M	WIIF	NIL
ABD304P	01.33	FAOR	06.30	VHHH	201128	BIRKABDO	S	WIIF	NIL
RCH144	01.44	FJDG	20.45	RODN	201127	KRCHYXYX	M	WIIF	NIL
UKL5007	21.10	VOMM	06.00	WMKK	201129	KIEVMEMX	N	WIIF	NIL
BDF345	00.44	YPXM	01.30	YBRM	201129	YBBBZPZX	G	WIIF	NIL

DESEMBER

Aircraft ID	Time Receive FPL	DEP AD	EOBT	DEST AD	DOF	Originator	Type of flight	F I R	DEP MSG
CKS259	06.27	YSSY	09.40	WSSS	201202	KYIPCKSH	S	WIIF	NIL
N277BJ	16.01	WSSL	01.00	OMDW	201203	KHOUITPX	G	WIIF	NIL
SAF8047	16.21	WSSS	00.00	YPDN	201203	WSSSYWYX	M	WIIF & WAAF	NIL
VOZ9942	21.41	YPPD	23.00	WSSL	201202	YBBBZPZX	N	WIIF	NIL
GDHJH	22.02	WSSL	07.00	VOMM	201203	WSSLZPZX	G	WIIF	NIL
KIW804	23.43	RODN	02.00	YPDN	201203	KDENXLDI	M	WAAF	NIL
9MJJJ	19.01	WMKJ	00.01	YPPH	201204	KHOUUVAX	G	WIIF	NIL
EFA7533	09.19	YSSY	11.00	ZSPD	201204	YSSYQFAO	N	WAAF	NIL
CGVTU	21.19	WPOC	22.30	WPDL	201204	WPDLYNYX	N	WAAF	NIL
CGVTU	21.29	WPOC	23.35	WPDL	201204	WPDLYNYX	N	WAAF	NIL

DESEMBER

ABD304P	22.50	FAPR	02.30	VHHH	201205	BIRKABDO	S	WIIF	NIL
ASY186	04.13	WMKB	00.00	YPED	201206	KDENXLDI	M	WAAF & WIIF	NIL
ASY668	11.52	WMKB	04.00	YPDN	201205	KDENXLDS	M	WIIF & WAAF	NIL
ASY668	04.23	WMKB	04.00	YPDN	201206	KDENXLDS	M	WIIF & WAAF	NIL
BDF123	08.22	YPCC	01.00	YPXM	201207	YBBBZPZX	G	WIIF	NIL
SVA842	19.35	OEJN	19.35	WMKK	201206	EDDFSVAX	S	WIIF	NIL
RCH160	18.07	FJDG	15.55	RODN	201206	KRCHYXYX	M	WIIF	NIL
ASY662	04.46	WMKB	06.45	YPED	201207	KDENXLDI	M	WIIF	NIL
JN83	03.47	VRMM	01.00	WMKK	201208	VRMMZPZX	M	WIIF	NIL
JN82	03.47	VRMM	00.45	WMKK	201208	VRMMZPZX	M	WIIF	NIL
ANO510	00.50	YPDN	02.00	WPDL	201209	CYYZNSX	S	WAAF	NIL
SANTA47	02.27	PGUA	00.00	PGUA	-	KZCEZQZX	M	WAAF	NIL
ANO511	03.00	WPDL	04.10	YPDN	201209	CYYZNSX	S	WAAF	NIL

DESEMBER

SAF8004	17.49	WSSS	00.01	YPDN	201210	WSSSYWYX	M	WAAF & WIIF	NIL
ABD304P	20.07	FAOR	00.01	VHHH	201210	BIRKABDO	S	WIIF	NIL
SANTA57	01.37	PGUA	22.00	PGUA	-	KZCEZQZX	M	WAAF	NIL
E10313	05.43	RODN	23.41	FJDG	201209	YMMMZQZA	M	WIIF	NIL
VHPFW	11.37	WMSA	14.45	VOTR	201210	WMSAZTZX	G	WIIF	NIL
SVA842	15.05	OERK	20.35	WMKK	201210	EDDFSVAX	S	WIIF	NIL
N277BJ	16.00	OMDW	04.00	WSSL	201211	KHOUITPX	G	WIIF	NIL
CAZ801	04.25	WSSS	16.05	EGGD	201211	WSSSZPZX	N	WIIF	NIL
E00328	06.16	FJDG	03.25	RODN	201211	YMMMZQZA	M	WIIF	NIL
UAE9310	15.09	VOBL	20.35	WSSS	201211	OMDBUAEK	S	WIIF	NIL
MMA1202	16.25	YPPH	00.01	WMKK	201212	YBBBZPZX	N	WIIF	NIL
MLG7185	14.48	WSSS	18.40	YBBN	201212	WSSSZPZX	N	WIIF & WAAF	NIL

DESEMBER

VHVUC	20.31	YPDN	04.30	RPLC	201213	YBBBZPZX	G	WAAF	NIL
SVA842	13.19	OEJN	19.35	WMKK	201213	EDDFSVAX	S	WIIF	NIL
RCH106	17.26	WSAP	17.26	WSAP	201214	FIMPYFYX	M	WIIF	NIL
ABD304P	04.50	FAOR	09.30	VHHH	201217	BIRKABDO	S	WIIF	NIL
SVA842	14.46	OERK	20.35	WMKK	201217	EDDFSVAX	S	WIIF	NIL
RCH561	16.13	RODN	10.20	FJDG	201217	WMKKYFYX	M	WIIF	NIL
ETH638	19.20	HAAB	21.40	WMKK	201217	EDDFETHX	S	WIIF	NIL
SVA843	22.25	WMKK	05.40	OERK	201218	WMKKZPZM	S	WIIF	NIL
PAL8510	05.44	FJDG	13.00	RPLL	201218	RPLLPALI	N	WIIF	NIL

DESEMBER

BDF123	07.56	YPCC	01.00	YPXM	201220	YBBBZPZX	G	WIIF	NIL
RCH920	20.02	VTBU	19.52	FJDG	201219	VTBBZPZX	M	WIIF	NIL
SVA842	14.35	OEJN	19.35	WMKK	201220	EDDFSXVAX	S	WIIF	NIL
RCH325	17.29	RODN	09.30	FJDG	201220	KRCHYXYX	M	WIIF	NIL
RCH325	17.42	RODN	12.30	FJDG	201220	WIIIFYX	M	WIIF	NIL
RCH320	09.45	VTBU	09.29	FJDG	201221	VTBBZPZX	M	WIIF	NIL
RCH325	19.04	FJDG	17.22	RODN	201221	KRCHYXYX	M	WIIF	NIL
ETH638	19.16	HAAB	21.40	WMKK	201221	EDDFETHX	S	WIIF	NIL
ETH638	18.04	HAAB	21.40	WMKK	201222	EDDFETHX	S	WIIF	NIL
N8998K	18.07	WSSL	0400	VRMM	201223	WSSSEDAX	G	WIIF	NIL

DESEMBER

ANO510	21.40	YPDN	22.50	WPDL	201222	CYYZXNSX	S	WAAF	NIL
ANO511	23.50	WPDL	01.00	YPDN	201223	CYYZXNSX	S	WAAF	NIL
9MNAB	19.04	OMAA	22.30	WMSA	201223	KDENX LDS	X	WIIF	NIL
ABD304P	23.36	FAOR	03.45	VHHH	201224	BIRKABDO	S	WIIF	NIL
MEDIC25	23.44	WSSL	02.00	FJDG	201224	WSSLZPZX	N	WIIF	NIL
MMA1202	17.54	YPPH	21.45	WMKK	201226	YBBBZPZX	N	WIIF	NIL
ROJ008	01.22	WMKD	06.00	OMAA	201226	KDENX LDS	N	WIIF	NIL
VHCRW	13.35	FJDG	11.10	RODN	201226	KRCHYXYX	M	WIIF	NIL
CTM2040	15.27	OMAM	07.30	WMKK	201229	LFXYXYX	M	WIIF	NIL
CTM2040	07.50	OMAM	07.50	WMKK	201229	OMAAZPZX	M	WIIF	NIL
CTM2040	13.14	WMKK	16.00	YPDN	201230	LFXYXYX	M	WIIF	NIL
EAGLE1	19.11	VOBP	03.46	VOBP	201231	VOMMZPZX	M	WIIF	NIL
GP97L	08.05	VOAR	03.00	VOAR	201231	YMMMZQZA	M	WIIF	NIL

DESEMBER

ETH638	18.19	HAAB	21.40	WMKK	201231	EDDFETHX	S	WIIF	NIL
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