



[OFF]

FX0566 23DEC2022 PANC-KEWR DC10 N321FE RELEASE 1304 23DEC22
OFF 1 STEVENS ANCHORAGE IN-NEWARK LIBERTY INTL
WX PROG 2312 2315 2318 2321 OBS 2306 2306 2306 2306

ATC C/S FX566 PANC/ANC KEWR/EWR CRZ SYS M.82
23DEC2022 N321FE 1315/1335 1949/1957 GND DIST 3131
DC10F / CF6-50C2 STA 1940 AIR DIST 2830
CTOT:.... G/C DIST 2921

MAXIMUM TOW 555000 LAW 411000 ZFW 391000
ESTIMATED TOW 487796 LAW 375504 ZFW 331440
AVG WIND 288/049
AVG W/C P048
AVG ISA M002
AVG FF LB/HR 17979
FUEL BIAS P00.0
TKOF ALTN

ALTN KBOS
FL STEPS PANC/0310/NOEND/0330/ELTAX/0350

DISP RMKS NIL

PLANNED FUEL

FUEL ARPT FUEL TIME

TRIP EWR 112292 0614
CONT 5% 5615 0019
ALTN BOS 9270 0030
FINRES 11070 0045

MINIMUM T/OFF FUEL 138247 0749

EXTRA 18109 0100

T/OFF FUEL 156356 0849
TAXI ANC 6000 0020

BLOCK FUEL ANC 162356
PIC EXTRA
TOTAL FUEL
REASON FOR PIC EXTRA

FMC INFO:
FINRES+ALTN 20340
TRIP+TAXI 118292

NO TANKERING RECOMMENDED (P)

I HEREWITH CONFIRM THAT I HAVE PERFORMED A THOROUGH SELF BRIEFING
ABOUT THE DESTINATION AND ALTERNATE AIRPORTS OF THIS FLIGHT
INCLUDING THE APPLICABLE INSTRUMENT APPROACH PROCEDURES, AIRPORT
FACILITIES, NOTAMS AND ALL OTHER RELEVANT PARTICULAR INFORMATION.

DISPATCHER: MYRTLE MCGEE

PIC NAME: B, DAVID

TEL: +1 800 555 0199

PIC SIGNATURE:



ALTERNATE ROUTE TO:				FINRES 11070			
APT	TRK	DST	VIA	FL	WC	TIME	FUEL
-----				-----			
KBOS/15R	053	174	DCT MERIT ROBUC3	290	P000	0030	9270
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MEL/CDL ITEMS DESCRIPTION

ROUTING:

ROUTE ID: DEF RTE
PANC/33 DCT LIFFE DCT OUTER DCT CRAFT DCT RAMMA DCT NOEND DCT RAMMA
DCT NOEND DCT JOH DCT CASEL DCT KATAT DCT YAK DCT DEEJA DCT MITOM
DCT YQU DCT TETAG DCT LERUP DCT ELTAX DCT YOUNG DCT YBR DCT HML DCT
DLH DCT TVC DCT HHIPP DCT YXU DCT JHW DCT SLT DCT FQM DCT MEGSS DCT
HAYED DCT RACKI DCT PENNS DCT SWEET DCT AGNSS DCT VERDE DCT TALTE
DCT KEWR/22L

DEPARTURE ATC CLEARANCE:
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OPERATIONAL IMPACTS

WEIGHT CHANGE UP 1.0	TRIP P 0230 LBS	TIME P 0000
WEIGHT CHANGE DN 1.0	TRIP P 0226 LBS	TIME M 0000
FL CHANGE UP FL1	NOT AVAILABLE	
FL CHANGE DN FL1	TRIP P 2038 LBS	TIME M 0000
FL CHANGE DN FL2	TRIP P 3321 LBS	TIME P 0000
SPD CHANGE CI 0	NOT AVAILABLE	
SPD CHANGE CI 400	NOT AVAILABLE	

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ATIS:.
.-----
RVSM: ALT SYS LEFT:

STBY:

RIGHT:

-----TIMES

	ESTIMATED	SKED	ACTUAL
OUT	1315Z/0415L	1315Z/0415LZ
OFF	1335Z/0435L	1335Z/0435L	.....Z
ON	1949Z/1449L	1932Z/1432L	.....Z
IN	1957Z/1457L	1940Z/1440L	.....Z
BLOCK TIME	0642	0625	.....

-----WEIGHTS

	EST	MAX	ACTUAL	
PAX	258		.....
CARGO	14.2		.....
PAYLOAD	59.3		.....
ZFW	331.4	391.0	.....
FUEL	162.4	197.9	.....	POSS EXTRA 35.5
TOW	487.8	523.3	LDG.....	
STAB TRIM			.....
LAW	375.5	411.0	.....

-----TERRAIN CLEARANCE CHECK

DD CHECK - TERRAIN CLEARANCE CHECK DISABLED

DP CHECK - TERRAIN CLEARANCE CHECK DISABLED



FLIGHT LOG

MOST CRITICAL MORA 11000 FEET AT RAMMA//MXSHR 05 AT DLH

AWY				FL	IMT	MN	WIND	OAT	EFOB	PBRN
POSITION	LAT	EET	ETO	MORA	ITT	TAS	COMP	TDV		
IDENT	LONG	TTLT	ATO	DIS	RDIS	GS	SHR	TRP	AFOB	ABRN
FREQ										
STEVENS	ANC	N6110.4	...	23	344				156.2	6.0
PANC	W14959.9	0000	...		000		M008			
					3131	260			....	....
DCT				063	118	.42	011/008	M11	153.7	8.5
LIFFE	N6122.0	0002	...	26	132		M008	M13		
LIFFE	W14959.8	0002	...	13	3118	260		335	....	....
DCT				095	089	.45	013/014	M14	152.2	10.1
OUTER	N6116.0	0002	...	52	104		P007	M10		
OUTER	W14946.5	0004	...	9	3109	290		335	....	....
DCT				111	086	.59	007/016	M18	151.5	10.7
CRAFT	N6114.8	0001	...	91	101		P002	M11		
CRAFT	W14937.0	0005	...	5	3104	373		335	....	....
DCT				132	085	.62	352/015	M22	150.6	11.6
RAMMA	N6113.4	0001	...	110	101		P005	M11		
RAMMA	W14923.0	0006	...	7	3097	389		334	....	....
DCT				202	266	.71	332/023	M32	147.6	14.7
NOEND	N6108.0	0004	...	98	281		P014	M07		
NOEND	W14828.0	0010	...	27	3070	448		331	....	....
DCT				263	085	.81	295/042	M42	144.6	17.7
RAMMA	N6113.4	0004	...	98	101		M041	M04		
RAMMA	W14923.0	0014	...	27	3043	443		334	....	....
DCT				310	085	.82	293/058	M50	142.4	19.8
T O C	N6108.6	0002	...	91	101	477	P057	M03		
	W14834.2	0016	...	24	3019	534	0	333	....	....
DCT				310	109	.82	292/056	M49	142.3	19.9
NOEND	N6108.0	0001	...	100	124	478	P055	M02		
NOEND	W14828.0	0017	...	3	3016	533	0	329	....	....
DCT				330	086	.82	284/047	M54	139.9	22.4
JOHNSTONE	P N6028.9	0007	...	47	102	473	P044	M03		
JOH	W14636.0	0024	...	67	2949	517	2	346	....	....
116.70										
DCT				330	087	.82	278/053	M54	138.4	23.8
CASEL	N6019.9	0005	...	49	103	473	P053	M03		
CASEL	W14517.9	0029	...	40	2909	526	2	345	....	....
DCT				330	087	.82	278/053	M54	137.8	24.5
KATAT	N6015.5	0002	...	49	104	473	P053	M03		
KATAT	W14442.3	0031	...	18	2891	526	2	344	....	....



AWY POSITION IDENT FREQ	LAT LONG	EET TTLT	ETO ATO	FL MORA DIS	IMT ITT RDIS	MN TAS GS	WIND COMP SHR	OAT TDV TRP	EFOB AFOB	PBRN ABRN
DCT				330	084	.82	274/061	M54	132.2	30.1
YAKUTAT	N5930.6	0018	...	106	102	473	P060	M03		
YAK	W13938.9	0049	...	159	2732	533	2	343	....	....
113.30										
EDMONTON FIR										
-CZEG	N5914.4	0007	...							
	W13735.8	0056	...	59	2673					
ANCHORAGE FIR/UIR										
-PAZA	N5907.5	0002	...							
	W13722.4	0058	...	17	2656					
EDMONTON FIR										
-CZEG	N5908.6	0001	...							
	W13651.8	0059	...	9	2647					
DCT				330	088	.82	266/059	M55	127.0	35.2
DEEJA	N5854.1	0007	...	99	106	472	P056	M04		
DEEJA	W13500.0	0106	...	62	2585	528	1	353	....	....
DCT				330	090	.82	260/060	M55	123.0	39.2
MITOM	N5819.2	0013	...	107	109	472	P053	M04		
MITOM	W13132.0	0119	...	114	2471	525	2	357	....	....
DCT				330	093	.82	270/069	M56	107.8	54.5
GRANDE PRAI	N5510.5	0050	...	64	109	471	P065	M05		
YQU	W11901.8	0209	...	452	2019	536	1	365	....	....
113.10										
DCT				330	098	.82	286/083	M56	102.0	60.3
TETAG	N5404.3	0020	...	46	112	471	P083	M05		
TETAG	W11408.0	0229	...	183	1836	554	1	373	....	....
DCT				330	095	.82	295/090	M56	101.5	60.8
LERUP	N5357.6	0002	...	47	109	471	P090	M05		
LERUP	W11340.9	0231	...	17	1819	561	1	376	....	....
WINNIPEG FIR										
-CZWG	N5302.7	0015	...							
	W11000.1	0246	...	140	1679					
DCT				330	099	.82	309/107	M56	91.9	70.3
ELTAX	N5157.4	0018	...	40	108	471	P099	M05		
ELTAX	W10535.7	0304	...	176	1503	570	2	344	....	....
DCT				350	110	.82	323/113	M59	91.4	70.9
YOUNG	N5151.3	0002	...	45	118	468	P088	M04		
YOUNG	W10506.4	0306	...	19	1484	556	3	320	....	....
DCT				350	113	.82	327/106	M58	84.7	77.5
BRANDON	N4954.6	0025	...	38	118	469	P090	M03		
YBR	W09956.7	0331	...	228	1256	559	3	259	....	....
113.80										



AWY	FL	IMT	MN	WIND	OAT	EFOB	PBRN			
POSITION	LAT	EET	ETO	MORA	ITT	TAS	COMP	TDV	AFOB	ABRN
IDENT	LONG	TTLT	ATO	DIS	RDIS	GS	SHR	TRP		
FREQ										

MINNEAPOLIS FIR/UIR										
-KZMP	N4900.0	0012	...							
	W09728.6	0343	...	105	1151					
DCT				350	117	.82	332/070	M55	80.8	81.4
HUMBOLDT	N4852.2	0002	...	37	120	472	P056	P00		
HML	W09707.0	0345	...	22	1129	528	2	312	....	....
112.40										
DCT				350	113	.82	336/027	M55	73.2	89.0
DULUTH	N4648.1	0028	...	40	112	472	P022	P00		
DLH	W09212.2	0413	...	234	895	494	5	274	....	....
112.60										
DCT				350	122	.82	062/002	M55	63.0	99.3
TRAVERSE CI	N4440.1	0040	...	36	115	472	M001	P00		
TVC	W08533.0	0453	...	307	588	471	4	273	....	....
114.60										
CLEVELAND FIR/UIR										
-KZOB	N4355.0	0012	...							
	W08329.2	0505	...	95	493					
DCT				350	125	.82	203/008	M52	58.7	103.6
HHIPP	N4340.5	0004	...	31	117	475	P000	P03		
HHIPP	W08249.0	0509	...	37	456	475	4	264	....	....
TORONTO FIR										
-CZYZ	N4326.5	0003	...							
	W08212.5	0512	...	27	429					
DCT				350	128	.82	227/024	M49	56.1	106.2
LONDON	N4302.3	0007	...	42	118	478	P008	P06		
YXU	W08108.9	0519	...	55	374	486	4	258	....	....
117.20										
CLEVELAND FIR/UIR										
-KZOB	N4247.8	0003	...							
	W08034.7	0522	...	26	348					
TORONTO FIR										
-CZYZ	N4228.9	0005	...							
	W07949.5	0527	...	40	308					
DCT				350	138	.82	225/032	M48	52.8	109.4
JAMESTOWN	N4211.3	0005	...	46	127	479	P008	P07		
JHW	W07907.3	0532	...	37	271	487	3	249	....	....
114.70										
DCT				350	111	.82	226/053	M45	50.7	111.5
SLATE RUN	N4130.8	0008	...	44	100	483	P005	P10		
SLT	W07758.2	0540	...	66	205	488	2	223	....	....
113.90										



AWY POSITION IDENT FREQ	LAT LONG	EET TTLT	ETO ATO	FL MORA DIS	IMT ITT RDIS	MN TAS GS	WIND COMP SHR	OAT TDV TRP	EFOB AFOB	PBRN ABRN

NEW YORK FIR/UIR										
-KZNY	N4128.3	0001	...							
	W07741.6	0541	...	12	193					
DCT				350	121	.82	232/077	M44	49.2	113.1
WILLIAMSPOR	N4120.3	0005	...	47	109	484	P048	P11		
FQM	W07646.5	0546	...	43	150	532	1	451	....	....
114.40										
DCT				350	122	.82	226/088	M45	48.4	113.9
MEGSS	N4111.2	0003	...	36	109	483	P034	P10		
MEGSS	W07612.7	0549	...	27	123	517	0	450	....	....
DCT				350	122	.82	226/088	M45	48.2	114.0
T O D	N4109.9	0001	...	36	109	483	P034	P10		
	W07607.7	0550	...	4	119	517	0	447	....	....
DCT				337	122	.82	226/088	M43	48.2	114.1
HAYED	N4108.6	0000	...	43	109		P034	P09		
HAYED	W07603.2	0550	...	4	115	519		447	....	....
DCT				263	122	.81	225/078	M37	47.8	114.4
RACKI	N4100.7	0003	...	43	110		P029	P01		
RACKI	W07534.6	0553	...	23	92	518		447	....	....
DCT				188	123	.69	216/079	M28	47.4	114.9
PENNS	N4052.8	0003	...	33	110		P015	M05		
PENNS	W07506.6	0556	...	23	69	440		508	....	....
DCT				159	100	.65	217/072	M27	47.2	115.1
SWEET	N4049.7	0002	...	33	087		P015	M10		
SWEET	W07455.5	0558	...	9	60	416		507	....	....
DCT				032	219	.40	233/038	M08	46.0	116.2
AGNSS	N4051.0	0008	...	23	205		P031	M17		
AGNSS	W07404.1	0606	...	39	21	285		491	....	....
DCT				026	218	.39	238/036	M08	46.0	116.3
VERDE	N4048.8	0000	...	23	205		M031	M18		
VERDE	W07405.5	0606	...	2	19	220		491	....	....
DCT				025	218	.39	239/035	M08	45.8	116.4
TALTE	N4045.9	0001	...	23	205		M030	M18		
TALTE	W07407.4	0607	...	3	16	221		491	....	....
DCT									44.0	118.3
NEWARK LIBE	N4041.5	0007	...							
KEWR	W07410.1	0614	...	16					....	....



WIND INFORMATION

CLIMB	T O C	NOEND	JOH
350 295/049 -54	350 296/048 -54	350 296/047 -54	370 293/038 -57
310 293/059 -50	330 294/056 -52	330 293/053 -52	350 287/044 -56
200 350/023 -32	310 293/058 -49	310 292/056 -49	330 284/047 -54
150 011/022 -23	290 293/055 -46	290 291/053 -46	310 284/050 -50
100 011/015 -15	270 294/046 -43	270 292/045 -43	290 283/050 -46
CASEL	KATAT	YAK	DEEJA
370 288/042 -57	370 288/042 -57	370 280/051 -56	370 269/054 -61
350 281/048 -56	350 281/048 -56	350 275/062 -56	350 264/056 -59
330 278/053 -54	330 278/053 -54	330 272/068 -54	330 261/058 -55
310 277/055 -50	310 277/055 -50	310 270/070 -50	310 260/058 -51
290 277/055 -46	290 277/055 -46	290 266/069 -46	290 260/061 -46
MITOM	YQU	TETAG	LERUP
370 267/047 -62	370 281/073 -64	370 297/084 -65	370 297/084 -65
350 262/052 -60	350 279/075 -61	350 296/087 -61	350 296/087 -61
330 259/056 -56	330 277/076 -57	330 295/090 -56	330 295/090 -56
310 258/059 -51	310 276/076 -51	310 294/092 -51	310 294/092 -51
290 258/060 -46	290 276/074 -46	290 294/092 -46	290 294/092 -46
ELTAX	YOUNG	YBR	HML
370 321/106 -62	390 324/098 -64	390 332/071 -58	390 330/050 -56
350 320/114 -59	370 324/106 -62	370 332/078 -57	370 332/048 -55
330 320/118 -56	350 323/113 -59	350 332/087 -56	350 334/046 -54
310 320/120 -51	330 322/116 -56	330 333/091 -54	330 336/042 -54
290 320/117 -47	310 323/116 -52	310 334/091 -52	310 337/037 -53
DLH	TVC	HHIPP	YXU
390 324/023 -56	390 260/009 -53	390 247/023 -51	390 243/035 -50
370 334/017 -55	370 225/005 -53	370 239/017 -51	370 238/030 -50
350 356/010 -55	350 157/006 -54	350 218/010 -52	350 229/024 -49
330 064/009 -56	330 121/013 -54	330 172/009 -52	330 213/018 -49
310 102/020 -56	310 107/023 -55	310 142/014 -52	310 184/014 -49
JHW	SLT	FQM	MEGSS
390 239/052 -49	390 230/058 -48	390 234/080 -48	390 227/087 -48
370 235/048 -48	370 228/056 -47	370 233/079 -46	370 227/088 -46
350 231/044 -46	350 227/053 -46	350 233/077 -44	350 226/088 -45
330 227/040 -45	330 225/049 -45	330 232/074 -42	330 226/088 -43
310 225/037 -44	310 225/044 -44	310 230/072 -41	310 225/088 -41
T O D	DESCENT		
390 227/087 -48	350 227/088 -44		
370 227/088 -46	310 226/087 -41		
350 227/088 -45	200 218/081 -30		
330 226/088 -43	150 218/066 -27		
310 225/088 -41	100 215/051 -20		





[ATC Flight Plan]

ICAO FLIGHT PLAN
-----FF PAZAZQZX CZEGZQZX CZWGZQZX KZMPZQZX KZOBZQZX CZYZZQZX KZNYZQZX
231304 CYULSBFP

(FPL-FX566-IS

-DC10/H-SDE1E2E3FGHIJ2J3J4J5M1RWXY/LB1D1

-PANC1315

-N0478F310 DCT LIFFE DCT OUTER DCT CRAFT DCT RAMMA DCT NOEND DCT
RAMMA DCT NOEND/N0473F330 DCT JOH DCT CASEL DCT KATAT DCT YAK DCT
DEEJA DCT MITOM DCT YQU DCT TETAG DCT LERUP DCT ELTAX/N0468F350 DCT
YOUNG DCT YBR DCT HML DCT DLH DCT TVC DCT HHIPP DCT YXU DCT JHW DCT
SLT DCT FQM DCT MEGSS DCT HAYED DCT RACKI DCT PENNS DCT SWEET DCT
AGNSS DCT VERDE DCT TALTE DCT

-KEWR0604 KBOS

-PBN/A1B1C1D1L1O1S2 DOF/221223 REG/N321FE EET/CZEG0056 PAZA0058
CZEG0059 CZWG0246 KZMP0343 KZOB0505 CZYZ0513 KZOB0523 CZYZ0527
KZNY0541 CODE/A37289 OPR/FX PER/D RMK/TCAS)



[Additional Info]

D I S P A T C H B R I E F I N G I N F O FX0566 PANC/KEWR



[Airport WX List]

PANC --> KEWR FX 566 / 23DEC2022
LIDO/WEATHER SERVICE DATE : 23Dec2022 TIME : 13:04 UTC

AIRMETs:

No Wx data available

SIGMETs:

KZNY NEW YORK FIR/UIR

WS SIGMET WSUS31 KKCI 231255 SIGE CONVECTIVE SIGMET 39E VALID
UNTIL 1455Z FL GA CSTL WTRS FROM 190SE CHS-230ENE
TRV-80ENE PBI-30ENE TRV-190SE CHS AREA TS MOV FROM
24030KT. TOPS TO FL340.

WS SIGMET WSUS31 KKCI 231255 SIGE CONVECTIVE SIGMET 38E VALID
UNTIL 1455Z NC CSTL WTRS FROM 120ESE ECG-200SE
ECG-210SE ILM-110ESE ILM-120ESE ECG AREA TS MOV FROM
23030KT. TOPS TO FL440.

KZBW BOSTON FIR/UIR

WS SIGMET WSUS01 KKCI 231144 BOSV WS 231144 SIGMET VICTOR 4
VALID UNTIL 231544 SIGMET ME NH VT MA RI CT NY NJ AND
CSTL WTRS FROM 50W BGR TO 80ESE ENE TO 50SSE JFK TO
40NNE SYR TO MSS TO 50W BGR OCNL SEV TURB BLW 140. DUE
TO STG LOW LVL WNDZ AND STG UDDFS AND LLWS. RPTD BY
EI70. CONDS CONTG BYD 1544Z.

WS SIGMET WSUS31 KKCI 231255 SIGE CONVECTIVE SIGMET 37E VALID
UNTIL 1455Z ME MA NH RI VT CT NY LO AND ME MA NH RI
CSTL WTRS FROM 60NE MPV-20NNE ACK-50WSW ACK-70SSW
YOW-20W MSS-60NE MPV AREA EMBD TS MOV FROM 19035KT.
TOPS TO FL360.

Tropical Cyclone SIGMETs:

No Wx data available

Volcanic Ash SIGMETs:

No Wx data available

Departure:

PANC/ANC STEVENS ANCHORAGE INTL

SA 231253 02021G35KT 10SM CLR M07/M15 A2974 RMK AO2 PK WND
03035/1253 SLP073 T10671150

FT 231137 2312/2418 02018G25KT P6SM FEW200
FM231800 02022G33KT P6SM FEW300
FM240000 02025G40KT P6SM SCT300
FM240900 03018G28KT P6SM SKC

Destination:

KEWR/EWR NEWARK LIBERTY INTL

SA 231251 18017G25KT 10SM SCT017 BKN026 OVC110 12/09 A2921 RMK
AO2 SLP892 T01220089

FT 231121 2312/2418 18018G32KT P6SM VCSH SCT007 BKN015
TEMPO 2315/2318 20030G40KT 2SM +SHRA BR
FM231800 25024G38KT P6SM BKN035
TEMPO 2318/2322 3SM -SHSN BKN025
FM240300 25023G33KT P6SM SCT035
FM240900 25018G28KT P6SM SCT035



Destination Alternates:

KBOS/BOS LOGAN INTL

SA 231254 13034G46KT 2SM RA BR OVC019 11/11 A2944 RMK AO2 PK WND
13046/1251 SFC VIS 2 1/2 PRESFR SLP968 P0007 T01110106
\$

FT 231139 2312/2418 13030G45KT 5SM -RA BR OVC009 WS020/13065KT
FM231800 18025G40KT P6SM -RA OVC012
FM232200 21022G35KT P6SM BKN035 OVC100
FM241400 24015G25KT P6SM SCT250

AIRPORTLIST ENDED



[NOTAM]

LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION

VALID: 2212231315 - 2212232328 STD(EOBT)+TRIP+ALTN+3HRS

FX 566 /23DEC OFP-NR: 1

ROUTE: PANC - KEWR ALTN: KBOS

N0478F310 DCT LIFFE DCT OUTER DCT CRAFT DCT RAMMA DCT NOEND DCT

RAMMA DCT NOEND/N0473F330 DCT JOH DCT CASEL DCT KATAT DCT YAK DCT

DEEJA DCT MITOM DCT YQU DCT TETAG DCT LERUP DCT ELTAX/N0468F350 DCT

YOUNG DCT YBR DCT HML DCT DLH DCT TVC DCT HHIPP DCT YXU DCT JHW DCT

SLT DCT FQM DCT MEGSS DCT HAYED DCT RACKI DCT PENNS DCT SWEET DCT

AGNSS DCT VERDE DCT TALTE DCT

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DEPARTURE AIRPORT - DETAILED INFO

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PANC/ANC STEVENS ANCHORAGE INTL

+++++ AIRPORT +++++

A6987/22

ANC TWY ALL FICON PATCHY COMPACTED SN AND FROST OBS AT 2212230408.

A6985/22

ANC APRON ALL FICON PATCHY COMPACTED SN AND PATCHY 3IN DRY SN OBS
AT 2212230408.

A6907/22

ANC TWY J STOP BAR LGT U/S

12/579

TWY ALL SIGNS OBSC

12/298

TWY R HLDG PSN SIGN FOR RWY 07L/25R OBSC

12/297

TWY Y HLDG PSN SIGN FOR RWY 07L/25R OBSC

12/295

TWY E HLDG PSN SIGN FOR RWY 07L/25R OBSC

12/137

TWY E HLDG PSN SIGN SOUTH SIDE FOR RWY 07R/25L LGT

U/S

A0738/22

PAPA APN SPOT P1, PAPA APN SPOT P2, PAPA APN SPOT P3

CAUFN JET BLAST HAZARD USE MINIMUM THRUST REQUIRED EXITING THESE
SPOTS

+++++ RUNWAY +++++

A6979/22 VALID: 23-DEC-22 1700 - 23-DEC-22 2300

ANC RWY 07L/25R CLSD

A6996/22

ANC RWY 33 FICON 5/5/5 100 PCT WET, 100 PCT WET, 30 PCT FROST AND
70 PCT WET OBS AT 2212231016.

A6995/22

ANC RWY 07R FICON 5/4/5 100 PCT WET OBS AT 2212231014.

A6994/22

ANC RWY 07L FICON 5/5/5 100 PCT WET, 30 PCT FROST AND 70 PCT WET,
30 PCT FROST AND 70 PCT WET OBS AT 2212231013.

A6904/22

ANC RWY 25R PAPI U/S



+++++ APPROACH PROCEDURES +++++

A1329/22

ILS OR LOC RWY 7L, AMDT 4...

ILS RWY 07L (SA CAT I - II), AMDT 4...

DISREGARD BLOCK ALTITUDE 1600-3000 AT WUGSI/I-TGN 12 DME.

MINIMUM ALTITUDE AT WUGSI/I-TGN 12 DME: 1600.

+++++ STAR +++++

A4454/22

TAGER EIGHT ARRIVAL...

GAL TRANSITION. GAL TO AKMAX REVISED R119 TO R124 DUE TO
MAGVAR CHANGE.

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DESTINATION AIRPORT - DETAILED INFO

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KEWR/EWR NEWARK LIBERTY INTL

+++++ AIRPORT +++++

12/155

TWY EE HLDG PSN SIGN SOUTHEAST SIDE LGT U/S

12/153

TWY P3 HLDG PSN SIGN NORTHWEST SIDE BTN RWY

04R/22L AND TWY P LGT U/S

12/152

TWY Z APCH AREA HLDG PSN SIGN NORTHWEST SIDE FOR

APCH END RWY 22L LGT U/S

A4633/22

EWR APRON NEW TERMINAL A CLSD

12/111

AIRSPACE UAS WI AN AREA DEFINED AS 2NM RADIUS OF

404000N0741232W (2NM SW EWR) SFC-200FT AGL DLY 1600-0900

12/107

TWY CC SFC MARKINGS AT TWY B NOT STD

12/106

TWY BB SFC MARKINGS AT TWY B NOT STD

A4247/22

EWR TWY A9 OPN BTN TWY A AND TWY B

11/049

OBST BUILDING (ASN UNKNOWN) 345140N0804506W (.7NM

NW EWR) 99FT (90FT AGL) NOT LGTD

A3948/22

RNAV VISUAL RWY 29, ORIG...

PROCEDURE NA.

A3851/22

TERMINAL B RAMP WEST OF TXL HEAVY CLSD TO ACFT WINGSPAN

MORE THAN 118FT

09/070

TWY Z APCH AREA HLDG PSN SIGN FOR APCH END RWY 22R

NOT STD

09/068

TWY W APCH AREA HLDG PSN SIGN FOR RWY 04L/22R NOT

STD



09/069

TWY Y APCH AREA HLDG PSN SIGN FOR RWY 04L/22R NOT
STD

07/069

TWY W LOCATION SIGN SOUTHEAST SIDE BTN RWY 04R/22L
AND TWY P MISSING

05/173

RWY 04L TWY DIRECTION SIGN AT TWY J LEFT SIDE
MISSING

05/172

RWY 11 TWY DIRECTION SIGN AT TWY P RIGHT SIDE NOT
STD

04/037

RWY 22R THR DISPLACED MARKINGS TAILS AND
ARROWHEADS FADED

03/192

TWY F SIGNS BTN TWY A10 AND TWY A11 NOT STD

03/190

TWY A10 SIGNS BTN TWY F AND TERMINAL A RAMP NOT
STD

03/189

TWY A10 SIGNS BTN TWY A AND TWY F NOT STD

03/187

TWY RC SIGNS BTN TWY A AND TERMINAL B RAMP NOT STD

03/185

TWY RC SIGNS BTN TWY A AND TWY B NOT STD

A0206/22

AP RDO ALTIMETER UNREL. AUTOLAND, HUD TO TOUCHDOWN,
ENHANCED FLT VISION SYSTEMS TO TOUCHDOWN, HEL OPS REQUIRING RDO
ALTIMETER DATA TO INCLUDE HOVER AUTOPILOT MODES AND **CAT**
A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVES 2021-23-12,
2021-23-13 F) SFC G) UNL

+++++ RUNWAY +++++

A4698/22

EWR RWY 22R HLDG PSN SIGN AT RWY 11/29 LEFT SIDE LGT U/S

A1685/22

RWY 04R DECLARED DIST: TORA 10000FT TODA 10000FT ASDA 10000FT
LDA 8809FT.

A1684/22

RWY 22L DECLARED DIST: TORA 10000FT TODA 10000FT ASDA 10000FT
LDA 8206FT.

+++++ SID +++++

A4268/22

EWR SID NEWARK LIBERTY INTL, NEWARK, NJ.
NEWARK FOUR DEPARTURE...

TAKE-OFF MINIMUMS RWY 04L: STANDARD WITH MINIMUM CLIMB GRADIENT OF
365 FEET PER NM TO 800. ATC CLIMB GRADIENT OF 500 FEET PER NM TO
2500.

TAKE-OFF MINIMUMS RWY 04R: STANDARD WITH MINIMUM CLIMB GRADIENT OF
345 FEET PER NM TO 900. ATC CLIMB GRADIENT OF 500 FEET PER NM TO
2500.

ALL OTHER DATA REMAINS AS PUBLISHED.

**A3476/22**

NEWARK FOUR DEPARTURE...

COATE, NEWEL DEPARTURES: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

DEPARTING **RWY 4L/R**: ELIOT AND ZIMMZ DEPARTURES: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SAX **VORTAC OUT OF SERVICE**.**A3475/22**

LIBERTY FIVE DEPARTURE...

COATE, ELIOT, ZIMMZ, NEWEL DEPARTURES: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SAX **VORTAC OUT OF SERVICE**.**A1413/22**

LIBERTY FIVE DEPARTURE...

NEWARK FOUR DEPARTURE...

DIXIE AND WHITE DEPARTURES: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, COL **VOR OUT OF SERVICE**.

+++++ APPROACH PROCEDURES +++++

A4689/22

EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ.

ILS OR LOC RWY 4L, AMDT 15B...**ILS RWY 4L** (SA **CAT I** AND **II**), AMDT 15B.

RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

CRI R-263 **UNUSABLE**.**A3474/22****VOR RWY 11**, AMDT 2G...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SAX **VORTAC OUT OF SERVICE**.**A2784/22**RNAV (RNP) Y **RWY 22L**, AMDT 1...

RNP 0.30 DA 564/HAT 553 ALL CATS. VISIBILITY ALL CATS RVR 6000.

A1414/22**ILS OR LOC RWY 11**, AMDT 2F...

PROCEDURE NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS,

COL **VOR OUT OF SERVICE**.**A0202/22**RNAV (RNP) Y **RWY 29**, AMDT 1E...RNAV (RNP) Z **RWY 29**, ORIG-G...**ILS RWY 22L** (SA **CAT I**), AMDT 13E?**ILS RWY 04L** (SA **CAT I - II**), AMDT 15B?**ILS RWY 04R** (CAT **II - III**), AMDT 13C?**ILS RWY 22L** (CAT **II - III**), AMDT 13E?

PROCEDURE NA EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVES 2021-23-12, 2021-23-13.

A3924/21**ILS OR LOC RWY 11**, AMDT 2F...

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 350FT.

A3187/21**ILS OR LOC RWY 11**, AMDT 2F...DISREGARD PROFILE NOTE: VGSI AND **ILS GLIDEPATH** NOT COINCIDENT (VGSI ANGLE 3.08/TCH 58).**A2947/21**COPTER **ILS OR LOC/DME RWY 04L**, AMDT 1E...

PROCEDURE NA.

**A2113/21**

ILS OR LOC RWY 22L, AMDT 13E...
ILS RWY 22L (SAT CAT I) AMDT 13E...
ILS RWY 22L (CAT II AND III) AMDT 13E....
BUZZD INT USE JFK R-309, LGA R-277 **UNUSABLE**.

+++++ STAR +++++

A0054/22

DYLIN FOUR ARRIVAL
GVE TRANSITION NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, OTT **VOR U/S**

A0055/22

DYLIN FOUR
ARRIVAL...CHANGE WASHINGTON CENTER FREQUENCY TO 132.52 VICE 132.53

A0056/22

DYLIN FOUR ARRIVAL
FAK TRANSITION NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, OTT **VOR U/S**

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DESTINATION ALTERNATE AIRPORT(S)

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KBOS/BOS LOGAN INTL

+++++ AIRPORT +++++

A4441/22 VALID: 23-DEC-22 0905 - 23-DEC-22 1800

BOS TWY K WIP

A4438/22 VALID: 23-DEC-22 0904 - 23-DEC-22 1800

BOS TWY A WIP

A4440/22 VALID: 23-DEC-22 0904 - 23-DEC-22 1800

BOS TWY E WIP

A4439/22 VALID: 23-DEC-22 0904 - 23-DEC-22 1800

BOS TWY B WIP

12/490RWY 15R HLDG PSN SIGN AT RWY 04L LEFT SIDE LGT **U/S****12/484**TWY A TWY DIRECTION SIGN FOR TWY A1 LGT **U/S****12/223**RWY 27 2000FT DIST REMAINING SIGN LEFT SIDE NOT
STD**12/222**RWY 09 5000FT DIST REMAINING SIGN RIGHT SIDE NOT
STD**12/134**

TWY M EDGE MARKINGS FOR RWY 15R/33L NOT STD

12/048

RWY 09/27 CL MARKINGS OBSC

12/047

RWY 15R/33L CL MARKINGS OBSC

02/760OBST STACK 422330N0710400W (3.1NM NW) 517FT (499FT
AGL) NOT LGTD

**A0692/22**

AP RDO ALTIMETER UNREL. AUTOLAND, HUD TO TOUCHDOWN,
ENHANCED FLT VISION SYSTEMS TO TOUCHDOWN, HEL OPS REQUIRING RDO
ALTIMETER DATA TO INCLUDE HOVER AUTOPILOT MODES AND **CAT**
A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVES 2021-23-12,
2021-23-13 F) SFC G) UNL

+++++ RUNWAY +++++

A4436/22

BOS **RWY 15R** FICON 5/5/5 100 PCT WET OBS AT 2212222317.

A4435/22

BOS **RWY 09** FICON 5/5/5 100 PCT WET OBS AT 2212222317.

A4434/22

BOS **RWY 04R** FICON 5/5/5 100 PCT WET OBS AT 2212222316.

A4433/22

BOS **RWY 04L** FICON 5/5/5 100 PCT WET OBS AT 2212222316.

A4415/22

BOS **RWY 14/32 CLSD** EXC TAX 30MIN PPR 131.1

A3184/22

BOS **RWY 15L/33R CLSD** EXC TAX 30MIN PPR 131.1

+++++ SID +++++

A4359/22

BOS SID GENERAL EDWARD LAWRENCE LOGAN
INTL, BOSTON, MA.
LOGAN FOUR DEPARTURE...
SSOXs DEPARTURE: **DME** REQUIRED EXCEPT FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS,
PVD VOR OUT OF SERVICE.

A4286/22

BOS ODP GENERAL EDWARD LAWRENCE LOGAN
INTL, BOSTON, MA.
DIVERSE VECTOR AREA (RADAR VECTORS) ORIG ...
RWY 14, REQUIRES MINIMUM CLIMB OF 418 FT PER NM TO 1200. **RWY 22L**,
NA. **RWY 22R**, NA. **RWY 33L**, REQUIRES MINIMUM CLIMB OF 479 FT PER NM
TO 1300. TEMPORARY CRANE 1.43 NM WEST OF **RWY 14**, 709FT AGL/ 713FT
MSL (2021-ANE-8616-OE). TEMPORARY CRANE 1.09NM WEST OF **RWY 14**,
498FT AGL/ 516FT MSL (2022-ANE-1961-OE). ALL OTHER DATA REMAINS
AS PUBLISHED.

A2437/22

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 15...
TAKE-OFF MINIMUMS: **RWY 4L**, 300-1 1/2 OR STANDARD WITH MINIMUM
CLIMB OF 369 FT PER NM TO 500. **RWY 4R**, 300-1 1/2 OR STANDARD WITH
MINIMUM CLIMB OF 234 FT PER NM TO 500. **RWY 27**: STANDARD WITH
MINIMUM CLIMB OF 500 FT PER NM TO 1000. DEPARTURE PROCEDURE: **RWY**
27: CLIMB ON HEADING 272 TO 500 BEFORE CLIMBING LEFT. TEMPORARY
CRANE 240FT MSL 1.46NM NW OF **RWY 22R** (2022-ANE-3423 THRU
3426-OE). TEMPORARY CRANE 697FT MSL 1.41 NM WEST OF **RWY 14**
(2022-ANE-1778-OE). TEMPORARY CRANE 394FT MSL 4059FT SOUTHWEST OF
RWY 14 (2021-ANE-7966-OE). ALL OTHER DATA REMAINS AS PUBLISHED.

**A2434/22**

BLZZR FIVE DEPARTURE (RNAV)...
BRUWN SIX DEPARTURE (RNAV)...
CELTK SIX DEPARTURE (RNAV)...
HYLND SIX DEPARTURE (RNAV)...
LBSTA SEVEN DEPARTURE (RNAV)...
LOGAN FOUR DEPARTURE...
PATSS SIX DEPARTURE (RNAV)...
REVSS FIVE DEPARTURE (RNAV)...
SSOXS SIX DEPARTURE (RNAV)...
WYLYY FIVE DEPARTURE (RNAV)...
TAKEOFF MINIMUMS: **RWY 27**: CLIMB ON HEADING 272 TO 500 TO INTERCEPT
COURSE 234 TO KIRAA. TEMPORARY CRANE 394FT MSL 4059FT SOUTHWEST OF
RWY 14 (2021-ANE-7966-OE). ALL OTHER DATA REMAINS AS PUBLISHED.

A1944/22

LOGAN FOUR DEPARTURE...
TAKE-OFF MINIMUMS: **RWY 4L**, 300-1 1/2 OR STANDARD WITH MINIMUM
CLIMB OF 369 FT PER NM TO 500. **RWY 4R**, 300-1 1/2 OR STANDARD WITH
MINIMUM CLIMB OF 234 FT PER NM TO 500. TEMPORARY CRANE 240FT MSL
1.46NM NW OF **RWY 22R** (2022-ANE-3423 THRU 3426-OE). ALL OTHER DATA
REMAINS AS PUBLISHED.

+++++ APPROACH PROCEDURES +++++

A4429/22

BOS IAP GENERAL EDWARD LAWRENCE LOGAN
INTL, BOSTON, MA.
RNAV (GPS) **RWY 4L**, AMDT 1...
SIMULTANEOUS APPROACH AUTHORIZED. SIMULTANEOUS OPERATIONS REQUIRE
USE OF VERTICAL GUIDANCE; MAINTAIN LAST ASSIGNED ALTITUDE UNTIL
ESTABLISHED ON GLIDESLOPE.

A4297/22

BOS IAP GENERAL EDWARD LAWRENCE LOGAN
INTL, BOSTON, MA.
ILS OR LOC RWY 15R, AMDT 2A...
ILS OR LOC RWY 22L, AMDT 8D...
ILS OR LOC RWY 27, AMDT 3...
ILS OR LOC RWY 33L, AMDT 5F...
ILS OR LOC RWY 4R, AMDT 11...
RNAV (GPS) **RWY 15R**, AMDT 2...
RNAV (GPS) **RWY 22L**, AMDT 1D...
RNAV (GPS) **RWY 27**, AMDT 1...
RNAV (GPS) **RWY 32**, ORIG-G...
RNAV (GPS) Z **RWY 33L**, AMDT 2E...
VOR-A, AMDT 1C...
CIRCLING **RWY 9** NA AT NIGHT. TEMPORARY CRANE 516FT MSL 1.09NM WEST
OF **RWY 14** (2022-ANE-1961-OE).

A4288/22

BOS IAP GENERAL EDWARD LAWRENCE LOGAN
INTL, BOSTON, MA.
RNAV (GPS) **RWY 4R**, AMDT 3...
LNAV/VNAV DA 605/HAT 587 ALL CATS, VIS 1 3/4 ALL CATS. LNAV MDA
700/HAT 682 ALL CATS, VIS **CAT A/B** 1, **CAT C/D** 1 1/2. CIRCLING **RWY 9**
NA AT NIGHT. TEMPORARY CRANE 394FT MSL 4059FT SOUTHWEST OF **RWY 14**
(2021-ANE-7966-OE). TEMPORARY CRANE 516FT MSL 1.09NM WEST OF **RWY**
14 (2022-ANE-1961-OE).

**A4203/22**

BOS IAP GENERAL EDWARD LAWRENCE LOGAN
INTL, BOSTON, MA.

ILS OR LOC RWY 4R, AMDT 11 ...

ILS RWY 4R (SA **CAT I**), AMDT 11... **ILS RWY 4R** (CAT II AND III),
AMDT 11 ...

ADD NOTE: SIMULTANEOUS APPROACH AUTHORIZED. SIMULTANEOUS
OPERATIONS REQUIRE USE OF VERTICAL GUIDANCE; MAINTAIN LAST
ASSIGNED ALTITUDE UNTIL ESTABLISHED ON GLIDESLOPE. THIS IS **ILS OR**
LOC RWY 4R, AMDT 11A... **ILS RWY 4R** (SA **CAT I**), AMDT 11A... **ILS RWY**
4R (CAT II AND III), AMDT 11A.

A7357/22

RNAV (GPS) **RWY 27**, AMDT 1...

CIRCLING **CAT C/D** MDA 640/HAA 621.

A0689/22

ILS RWY 04R (SA **CAT I**), AMDT 11 ...

ILS RWY 33L (SA **CAT I**), AMDT 5F ...

ILS RWY 04R (CAT II - III), AMDT 11 ...

ILS RWY 33L (CAT II - III), AMDT 5F ...

PROCEDURE NA EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF
COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS
DIRECTIVES 2021-23-12, 2021-23-13

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EXTENDED AREA AROUND DEPARTURE
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PAZA **ANCHORAGE FIR/UIR**

+++++ FIR/UIR ++++++

A1059/22

ZAN AK..ROUTE ZAN.

G4 WOOD RIVER (BTS) **NDB**, AK TO ILIAMNA (ILI) NDB/DME, AK MEA 5500
MOCA 4300.

A1055/22

DLY 0155-0312

DUE TO A ROCKET LAUNCH **DANGER** AREA, CROSS POLAR ROUTES WILL BE
RESTRICTED WI THE ANCHORAGE ARCTIC FIR. IN THE INTEREST OF
SAFETY ALL NON-PARTICIPATING AIR TFC ARE ADZ TO AVOID THE
NOTAMED AREA. IFR ACFT UNDER ATC JURISDICTION SHOULD ANTICIPATE
CLR AROUND THE NOTAMED AREA. THE FOLLOWING RESTRICTIONS ARE IN
EFFECT: ROUTINGS MUST BE FILED NORTH OF ROGLA AND RESUM AND SOUTH
OF MOSAS AND NAMWE DURING THE HAZARD PERIOD. THE FOUR CORNER
COORDINATES OF THE HAZARD AREA ARE: 7942N16448E, 8226N12225W,
8153N12419W, AND 7914N16726E.

F) SFC G) UNL

A1051/22

ZAN AK..ROUTE ZAN.

V317 GESTI, AK TO LEVEL ISLAND (LVD) **VOR/DME**, AK R-128 MEA 9000.

A1050/22

ZAN AK..ROUTE ZAN.

G10, G8 ELFEE (ELF) **NDB**, AK TO DAYVU, AK NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

ELF **NDB UNUSABLE** AT DAYVU AT 5000.

A1049/22

ZAN AK..ROUTE ZAN.

V318 ERANE, AK TO LEVEL ISLAND (LVD) **VOR/DME**, AK NA.

LVD **DME R-144 UNUSABLE**.

**A1048/22**

ZAN AK..ROUTE ZAN.
V317 LEVEL ISLAND (LVD) **VOR/DME**, AK R-306 TO COP NA.
LVD **DME** R-306 **UNUSABLE**.

A1040/22

ZAN AIRSPACE TFC INFO SERVICE BCST (TIS-B) MAY NOT BE
AVBL WI AN AREA DEFINED AS 60NM RADIUS OF 582130N1343458W. AP
AIRSPACE AFFECTED MAY INCLUDE JNU.
F) SFC G) UNL

A1037/22

ZAN AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 99NM RADIUS OF 635612N1601346W. AP AIRSPACE AFFECTED MAY
INCLUDE ELI, GLV, KAL, KKA, KYU, NUL, SMK, UNK, 2C7.
F) SFC G) 16000FT

A1024/22

ZAN AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 195NM RADIUS OF 651337N1720223W. AP AIRSPACE AFFECTED MAY
INCLUDE SVA, GAM.
F) SFC G) UNL

A1015/22

ZAN AK..ROUTE ZAN.
V317 ZARUT, AK TO COP MRA 10000 EXCEPT FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS.
LVD **VOR** R-306 **UNUSABLE** BELOW 10000.

A1014/22

ZAN AK..ROUTE ZAN.
V473 LEVEL ISLAND (LVD) **VOR/DME**, AK TO FLIPS, AK **UNUSABLE** BELOW
9000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
LVD **VOR UNUSABLE** BELOW 9000.

A0984/22

ZAN AK..ROUTE ZAN.
Q18 GALENA (GAL) **VOR/DME**, AK R-343 TO BARROW (BRW) **VOR/DME**, AK
R-170 NA.

A0970/22

R220 FLT PLANNING REQUIREMENTS:
THE FOLLOWING FLT PLANNING RESTRICTIONS ARE APPLICABLE FOR ACFT
WHICH ARE ROUTED THRU THE
ANCHORAGE ARTCC NOPAC ROUTE STRUCTURE: ACFT ON R220 SHOULD HAVE
RCP240, RSP180 AND
RNP4 EQUIPAGE IN ORDER TO OPR FM FL340 TO FL400. ACFT NOT EQUIPPED
MAY BE
CONTACTED POST FLIGHT DURING THE TESTING COMPLIANCE PHASE FM
DECEMBER 2, 2021 THRU FEBRUARY 23, 2023.
REFER QUESTIONS CONCERNING THIS NOTAM TO ANCHORAGE
ARTCC INTL PROCEDURES AT 907-269-1134.
F) FL340 G) FL400

**A0969/22**

ARCTIC CTA/FIR IS SUBJECT TO THE FOLLOWING MANDATORY REQUIREMENTS:

A. COMMUNICATIONS. 1. ALL FLTS, WITH THE EXCEPTION OF THOSE ENTERING THE FIR EB OVER PILUN OR LISKI, MUST MAKE MANDATORY POSITION REPORTS UPON ENTERING THE CTA/FIR VIA CPDLC OR GANDER HF VOICE. PILUN AND LISKI TFC REPORT VIA VHF AS DIRECTED OR VIA CPDLC. 2. ALL FLTS MUST MAINTAIN A LISTENING WATCH ON THE CURRENT GANDER HF RADIO FREQUENCY WHILE TRANSITING THE CTA/FIR UNLESS A SATISFACTORY SELCAL CHECK HAS BEEN COMPLETED WITH GANDER RADIO. B. ROUTING. 1. FLTS ENTERING OR EXITING ANCHORAGE ARTCC FIR N OF 73N MUST FILE OVER A NAMED FIR BOUNDARY POINT 2. PILUN / W OR EB FLTS FILE A POINT OVER OR S OF 7230N14100W AND EB FLTS MUST ALSO FILE A POINT OVER OR N OF 7200N15700W. 3. LISKI / W OR EB FLIGHTS MUST FILE OVER OR S OF TAYTA AND EB FLTS MUST ALSO FILE OVER OR S OF 7100N15700W). QUESTIONS CONCERNING THESE REQUIREMENTS MAY BE REFERRED TO ZAN TFC MANAGEMENT AT 907-269-1108.

F) FL180 G) FL600

A0958/22

REFERENCE: OCEANIC POSITION REPORTS WI ANCHORAGE OCEANIC AND DOMESTIC FIR.

THE FOLLOWING POSITION REPORT REQUIRMENTS ARE IN EFFECT FOR FLT OPERATIONS IN THE ANCHORAGE OCEANIC AND DOMESTIC FLIGHT INFORMATION REGIONS (FIRS) WEST OF 165 DEGREES WEST LONGITUDE AND SOUTH OF

63 DEGREES NORTH LATITUDE:

1. ALL WAYPOINTS FILED IN FIELD 15 OF THE ICAO FLT PLAN (ROUTE FIELD) MUST BE REPORTED AS A POSITION REPORT.

2. POSITION REPORTS ARE TO BE MADE VIA ADS, CONTROLLER/PILOT DATA LINK COMMUNICATIONS, OR VOICE COMMUNICATION IN THAT ORDER OF PREFERENCE.

3. ACFT WITH AN **ACTIVE** ADS CONNECTION MUST MAKE A CONTROLLER/PILOT DATA LINK COMMUNICATIONS POSITION REPORT WHEN CROSSING THE FIR BOUNDARY INBOUND TO ENSURE CONTROLLER/PILOT DATA LINK COMMUNICATIONS CONNECTIVITY.

REFER QUESTIONS TO ANCHORAGE ARTCC INTL PROCEDURES AT 907-269-1108. F) FL180 G) UNL

A0959/22

REFERENCE: CRUISING MACH SPEED CHANGES.

IN ORDER TO SUPPORT COST INDEX OR ECON SPEEDS AND MAINTAIN ATC SEPARATION SPACING, AIRCREWS ARE REQUIRED TO USE THE FOLLOWING PROCEDURES IN THE ANCHORAGE OCEANIC FIR: AIRCREWS MUST INFORM ATS VIA VOICE OR CPDLC EACH TIME THE CRUISING MACH NUMBER VARIES OR IS EXPECTED TO VARY BY A VALUE EQUAL TO OR GREATER THAN 0.02 MACH FM:

(1) THE MACH NUMBER AT FIR ENTRY;

OR

(2) ANY SUBSEQUENT SPEED CHANGE NOTIFIED TO ATC IN FLT.

REFER QUESTIONS CONCERNING THIS NOTAM TO ANCHORAGE ARTCC INTL PROCEDURES AT (907)269-1801 DURING NORMAL BUSINESS HOURS OR OTHER TIMES TO ANCHORAGE ARTCC TMU AT (907)269-1108.

F) FL180 G) UNL

A0957/22

REFERENCE ADS-B ITP. ANCHORAGE ARTCC OCEANIC AUTOMATION NOW SUPPORTS THE ICAO RECOGNIZED AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST IN-TRAIL-PROCEDURE (ADS-B ITP) FOR PILOT REQUESTED LEVEL CHANGES. FLIGHT CREWS OF APPROPRIATELY EQUIPPED AIRCRAFT MAY MAKE ADS-B ITP LEVEL CHANGE REQUESTS WITHIN THE ANCHORAGE OCEANIC FIR AND THAT PORTION OF THE ANCHORAGE CONTINENTAL FIR WEST OF 165W AND SOUTH OF 63N. REFER QUESTIONS TO ANCHORAGE ARTCC INTL PROCEDURES AT 907-269-1108.

F) FL180 G) FL600

**A0956/22**

REFERENCE: NON-RNP10 ACFT AND NOPAC ROUTE SYSTEM.
ACCOMMODATION OF NON-RNP10 ACFT ON THE NOPAC ROUTE SYSTEM WI
THE PAZA FIR IS SUBJECT TO THE FOLLOWING REQUIREMENTS:
1.ACFT NOT APPROVED FOR RNP10 OPS ARE RESTRICTED TO
FLT PLANNING ONE OF THE FOLLOWING NOPAC ROUTINGS:
A. WESTBOUND ON R580 AT ALL TIMES;
B. EASTBOUND ON A590 AT ALL TIMES; AND
C. EASTBOUND ON G344 WHEN **AVAILABLE** FOR EASTBOUND FLT.
THE ALTS **AVAILABLE** ON THE ABOVE ROUTE ARE AT OR BELOW FL280
AND AT OR ABOVE FL430. ATC MAY REROUTE NONRNP 10 ACFT TO OTHER
THAN THE ABOVE ROUTES DUE TO TFC
F) FL180 G) FL600

A0955/22

REFERENCE CPDLC:
ANCHORAGE ARTCC IS EQUIPPED FOR CONTROLLER/PILOT DATA LINK
COMMUNICATIONS (CPDLC). ANCHORAGE ARTCC AUTOMATION USES TWO
DIFFERENT CPDLC LOGON ADDRESSES. WHEN PERFORMING MANUAL LOGONS,
SELECT THE CORRECT LOGON ADDRESS BASED UPON CURRENT ACFT LOCATION
AS FOLLOWS:
USE LOGON ADDRESS "PAZN" WHEN OPERATING IN THE ANCHORAGE OCEANIC
FLIGHT INFORMATION REGION (FIR) AND WHEN IN THAT PORTION OF THE
ANCHORAGE ARCTIC FIR ABOVE 73N LATITDUE (OVER OR NORTH OF
WAYPOINTS BIITE AND BARIP) AND IN THAT PORTION OF THE ANCHORAGE
CONTINENTAL FIR WEST OF A LINE FROM 57N152W TO 58N167W TO 63N174W.
USE LOGON ADDRESS "PAZA" WHEN OPERATING IN THE ANCHORAGE ARCTIC
FIR SOUTH OF 73N (OVER OR SOUTH OF WAYPOINTS PILUN AND TAYTA) AND
IN THE ANCHORAGE CONTINENTAL FIR EAST OF A LINE DRAWN FROM 57N152W
TO 58N167W TO 63N174W.
END PART 1 OF 2
A0955/22 NOTAMR A1096/21
Q) PAZA/QCAXX////000/999/
A) PAZA PART 2 OF 2
B) 2212021641
C) 2312310001
E) ACFT DEP ALASKAN AIRPORTS ARE REQUESTED TO LOGON AFTER
DEPARTURE BUT BEFORE CLIMBING ABOVE FL180. USE OF CPDLC DOES NOT
RELEASE FLT CREWS FM HF OR VHF MONITORING/COMMUNICATION
REQUIREMENTS. ACFT WI VHF COVERAGE MAY MAKE POSITION REPORTS VIA
CPDLC COMMUNICATIONS. REQUESTS TO ATC SHOULD BE MADE OVER VHF IF
WI VHF COVERAGE. AFTER LOGON, ARTCC AUTOMATION WILL PROVIDE
AUTOMATIC FANS ADDRESS FORWARDING BTN PAZA/PAZN AND TO RJJJ, GDXB,
CZVR, CZEG, AND KZAK. REFER QUESTIONS TO ANCHORAGE ARTCC INTL
PROCEDURES AT 907-269-1108. F) SFC G) UNL
END PART 2 OF 2

A0954/22

REFERENCE ADS-C SEPARATION.
ANCHORAGE ARTCC APPLIES AUTOMATIC DEPENDENT SURVEILLANCE -
CONTRACT (ADS-C) 30 NAUTICAL MILE LONGITUDINAL, 30 NAUTICAL
LATERAL, DISTANCE BASED SEPARATION BTN RNP4 EQUIPPED ACFT WI THE
FOLLOWING CONTROL AREAS:
1) ANCHORAGE OCEANIC CTA/FIR.
2) THAT PORTION OF THE NORTON SOUND OFFSHORE HIGH CONTROL AREA
SOUTH OF 63 DEGREES NORTH LATITUDE AND WEST OF 165 DEGREES WEST
LONGITUDE. 3) THAT PORTION OF CONTROL 1234H WEST OF 165 DEGREES
WEST LONGITUDE.
THE SEPARATION STANDARD IS APPLIED BTN FANS1/A RNP4 EQUIPPED ACFT
ONLY. QUESTIONS CONCERNING THE STANDARD, THE APPLICATION, OR
FANS1/A MAY BE DIRECTED TO ANCHORAGE ARTCC INTL PROCEDURES AT
907-269-1801.
F) FL280 G) FL600



12/006

COM MURPHY DOME REMOTE COM A/G 285.4 U/S

A0946/22

VOLCANIC ACTIVITY ADVISORY FOR ALAID VOLCANO / 505200N 1553400E / NORTHERN KURILE ISLANDS, RUSSIA. ALAID VOLCANO HAS BEEN IN AN **ACTIVE** STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON AIRCRAFT OPERATIONS IS DESCRIBED IN CURRENT SIGNIFICANT METEOROLOGICAL INFORMATION (SIGMET), CENTER WEATHER ADVISORY (CWA), OR PILOT REPORT (PIREP) INFORMATION. AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. AIRCRAFT OPERATORS SHOULD CONTINUALLY EVALUATE OPERATIONS IN THE SIGMET AREA. AVIATION COLOR CODE ORANGE IS IN EFFECT. FLIGHT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SURFACES. ANY AIR CARRIERS THAT OBSERVE OR EXPERIENCE ANY DIFFICULTIES RESULTING FROM AN ENCOUNTER WITH VOLCANIC ASH, PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.5 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS). CONTACT ANCHORAGE
END PART 1 OF 2

ARTCC, 907-269-1103, FOR ADDITIONAL INFORMATION.

F) SFC G) FL260

END PART 2 OF 2

A0899/22

ZAN AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED AS 97NM RADIUS OF 621746N1632746W. AP AIRSPACE AFFECTED MAY INCLUDE ANV, ENM, KSM, MDM, MOU, RSH, SCM, 2A9.
F) 1000FT G) 7000FT



2/7666

PART 1 OF 3 AK..AIRSPACE CLEAR, AK..TEMPORARY
FLIGHT RESTRICTIONS.

NOVEMBER 8 , 2022-MARCH 11 2023 LOCAL. PURSUANT TO 49 USC
40103(B)(3), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES
THE AIRSPACE DEFINED IN THIS NOTAM AS 'NTL DEFENSE AIRSPACE'.
PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROC MAY BE INTERCEPTED,
DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL.
ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST
A PILOT WHO DOES NOT COMPLY WITH THE RQMNTS OR ANY SPECIAL
INSTRUCTIONS OR PROC ANNOUNCED IN THIS NOTAM:

A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING
CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN
CERTIFICATES; OR

B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES,
INCLUDING CHARGES UNDER 49 USC SECTION 46307; OR

C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE
AIRBORNE ACFT, IF IT IS DETERMINED THAT THE ACFT POSES AN IMMINENT
SECURITY THREAT.

PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL ACFT
FLT OPS ARE PROHIBITED: WI AN AREA DEFINED AS 642015N1491313W
(ENN173015.7) THEN CLOCKWISE ON A 3 NM ARC CENTERED ON
2211081000-2303111200

END PART 1 OF 3

PART 2 OF 3 AK..AIRSPACE CLEAR, AK..TEMPORARY

FLIGHT 641720N1491125W (ENN169018.4) TO 641851N1490521W
(ENN160016.6) TO 641720N1491125W (ENN169018.4) TO THE POINT OF
ORIGIN 1000FT MSL-1599FT MSL
EFFECTIVE 2211081000 UTC (0100 LOCAL 11/08/22) UNTIL 2303111200
UTC (0300 LOCAL 03/11/23) TUE, THU, SAT 1000-1200 (0100-0300
LOCAL).

WI AN AREA DEFINED AS 642354N1491527W (ENN182012.5) THEN CLOCKWISE
ON A 4 NM ARC CENTERED ON 642022N1491125W (ENN170015.4) TO
641930N1490240W (ENN156016) TO 641720N1491125W (ENN169018.4) TO
THE POINT OF ORIGIN 1600FT MSL-2099FT MSL
EFFECTIVE 2211081000 UTC (0100 LOCAL 11/08/22) UNTIL 2303111200
UTC (0300 LOCAL 03/11/23) TUE, THU, SAT 1000-1200 (0100-0300
LOCAL).

WI AN AREA DEFINED AS 642207N1490307W (ENN157013.3) THEN CLOCKWISE
ON A 4 NM ARC CENTERED ON 642022N1491125W (ENN170015.4) TO
641930N1490240W (ENN156016) TO 641923N1490308W (ENN157016.1) TO
641956N1490245W (ENN156015.5) TO 642049N1490344W (ENN158014.6) TO
642124N1490356W (ENN158014) TO THE POINT OF ORIGIN 2100FT
MSL-3200FT MSL

EFFECTIVE 2211081000 UTC (0100 LOCAL 11/08/22) UNTIL 2303111200
UTC 2211081000-2303111200

END PART 2 OF 3

PART 3 OF 3 AK..AIRSPACE CLEAR, AK..TEMPORARY

FLIGHT (0300 LOCAL 03/11/23) TUE, THU, SAT 1000-1200 (0100-0300
LOCAL).

EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED
BY ATC:

1. THESE RESTRICTIONS EXCLUDE THAT PORTION OF
AIRSPACE WHOLLY CONTAINED IN R-2206A WHEN **ACTIVE**.
2. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
BE ON A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC
CONTROL (ATC) FACILITY.
3. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE AT
ALL TIMES WHILE IN THE TFR.
4. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.
5. ANCHORAGE ARTCC, TELEPHONE 907-269-1103, IS THE



FAA COORDINATION FACILITY.
2211081000-2303111200
END PART 3 OF 3



A0867/22

ZAN AK..AIRSPACE CLEAR, AK..TEMPORARY FLIGHT RESTRICTIONS.
NOVEMBER 5 , 2022-MARCH 22 2023 LOCAL. PURSUANT TO 49 USC
40103(B)(3), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES
THE AIRSPACE DEFINED IN THIS NOTAM AS 'NTL DEFENSE AIRSPACE'.
PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROC MAY BE INTERCEPTED,
DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL.
ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST
A PILOT WHO DOES NOT COMPLY WITH THE RQMNTS OR ANY SPECIAL
INSTRUCTIONS OR PROC ANNOUNCED IN THIS NOTAM:

A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING
CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN
CERTIFICATES; OR

B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES,
INCLUDING CHARGES UNDER 49 USC SECTION 46307; OR

C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE
AIRBORNE ACFT, IF IT IS DETERMINED THAT THE ACFT POSES AN IMMINENT
SECURITY THREAT.

PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL ACFT
FLT OPS ARE PROHIBITED: WI AN AREA DEFINED AS 642013N1491312W
(ENN173015.7) TO 641720N1491125W (ENN169018.4) TO 641431N1491343W
END PART 1 OF 4

(ENN170021.3) THEN CLOCKWISE ON A 3NM ARC CENTERED ON
641720N1491125W (ENN169018.4) TO THE POINT OF ORIGIN 1000FT
MSL-1599FT MSL

EFFECTIVE 2211060200 UTC (1700 LOCAL 11/05/22) UNTIL 2303230200
UTC (1700 LOCAL 03/22/23).

WI AN AREA DEFINED AS 641927N1492022W (ENN183017.4) THEN CLOCKWISE
ON A 4 NM ARC CENTERED ON 642022N1491125W (ENN170015.4) TO
642356N1491530W (ENN182012.5) TO 641720N1491125W (ENN169018.4) TO
641410N1491401W (ENN170021.7) THEN CLOCKWISE ON A 3 NM ARC
CENTERED ON 641655N1491641W (ENN175019.3) TO THE POINT OF ORIGIN
1600FT MSL-FL320

EFFECTIVE 2211060200 UTC (1700 LOCAL 11/05/22) UNTIL 2303230200
UTC (1700 LOCAL 03/22/23).

WI AN AREA DEFINED AS 642356N1491530W (ENN182012.5) THEN CLOCKWISE
ON A 4 NM ARC CENTERED ON 642022N1491125W (ENN170015.4) TO
641929N1490227W (ENN156016) TO 641720N1491125W (ENN169018.4) TO
THE POINT OF ORIGIN 2100FT MSL-3200FT MSL; EXCLUDING AN AREA
DEFINED AS 641919N1490307W (ENN157016.1) TO 641936N1490318W
END PART 2 OF 4

(ENN157015.9) TO 642049N1490344W (ENN158014.6) TO 642142N1490337W
(ENN158013.7) TO 642207N1490309W (ENN157013.3) TO 642210N1490043W
(ENN152013.4) TO 641915N1490049W (ENN154016.3) TO THE POINT OF
ORIGIN 2100FT MSL-3200FT MSL

EFFECTIVE 2211060200 UTC (1700 LOCAL 11/05/22) UNTIL 2303230200
UTC (1700 LOCAL 03/22/23).

EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED
BY ATC:

1. THESE RESTRICTIONS EXCLUDE THAT PORTION OF
AIRSPACE WHOLLY CONTAINED IN R-2206A WHEN **ACTIVE**.

2. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
BE ON A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC
CONTROL (ATC) FACILITY.

3. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE AT
ALL TIMES WHILE IN THE TFR.

4. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.



END PART 3 OF 4

**A0852/22**

ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 106NM RADIUS OF 643128N1601621W. AP AIRSPACE AFFECTED INCLUDES
ELI, KAL, KKA, KYU, NUL.
F) SFC G) 14000FT

A0832/22

ROUTE ZAN.
R39 OSCARVILLE (OSE) **NDB**, AK TO ANIAK (ANI) **NDB**, AK MOCA 1900.

10/131

COM NUIQSUT REMOTE COM A/G 119.4 **U/S**

10/130

COM NIKOLSKI REMOTE COM A/G 118.0 **U/S**

A0816/22

ROUTE ZAN.
V452 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-254 TO
R-259.
V452 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-072 TO
R-077.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0824/22

ROUTE ZAN.
B233 GALENA (GAL) **VOR/DME**, AK TO KUTAL, CHANGE RADIAL R-268 TO
R-273.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0823/22

ROUTE ZAN.
J512 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-228 TO
R-233.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0822/22

ROUTE ZAN.
J133 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-119 TO
R-124.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0821/22

ROUTE ZAN.
J122 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-068 TO
R-073.
J122 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-253 TO
R-258.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0820/22

ROUTE ZAN.
J117 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-146 TO
R-151.
J117 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-298 TO
R-303.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0819/22

ROUTE ZAN.
V498 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-146 TO
R-151.
V498 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-298 TO
R-303.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

**A0818/22**

ROUTE ZAN.

V488 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-228 TO R-233.V488 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-057 TO R-062.GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.**A0817/22**

ROUTE ZAN.

V477 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-353 TO R-358.GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.**A0776/22**

2330-0500

DUE TO THE ACTIVATION OF LIGHTNING GROUP AND DELTA ATC ASSIGNED AIRSPACE THE FOLLOWING RESTRICTIONS ARE REQUIRED: 1.)ALL WB FLTS ENTERING ANCHORAGE FIR N OF 62N141W MUST BE ESTABLISHED ON ONE OF THE FOLLOWING RTES:(A) ON OR N OF NCA28 (B) OVR OR S OF ORT 2.)ALL EB FLTS TRANSITING ANCHORAGE FIR SHALL FLT PLAN VIA ONE OF THE FOLLOWING:(A) ON OR N OF NCA28 (B) OVER OR S OF TED J511 GKN J124 ORT 3.)THE FOLLOWING RTES/FIXES ARE **NOT AVBL**: (A) NCA24/FIORD, NCA19/CHAPO, NCA22/FANES (B) J167 BTN GKN AND FYU (C) J502/J515/Q902 BTN FAI AND ORT (D) J507 BTN ORT AND FYU (E) V481/T226 BTN BIG AND FYU 4.) ACFT LDG/DEP FAI AND LOW ALT STRUCTURE ACFT FILED BTN FAI AND ORT WILL BE RESTRICTED TO AT OR BLW 17000FT. AIRSPACE ACT MON-FRI LOCAL DATES, MON-SAT ZULU DATES. FOR QUESTIONS OR ADDITIONAL INFO, CTC ANCHORAGE /ZAN/ ARTCC TFC MANAGEMENT UNIT AT TEL 907-269-1108

F) SFC G) FL600

A0738/22V317 SISTERS ISLAND (SSR) **VORTAC**, AK R-125 TO COP MEA 8000.SSR **VORTAC** R-125 RESTRICTED.**A0728/22**J133 SITKA (SIT) **NDB**, AK TO WOXOX, AK MEA 20000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.SIT **NDB UNUSABLE** BELOW 20000.**A0692/22**

ROUTE ZAN.

V453 BETHEL (BET) **VORTAC**, AK TO ALTEY, AK MEA 8000.BET **VORTAC** RESTRICTION.**A0655/22**

DLY 1400-2200 0100-0300

LIGHTNING GROUP AND DELTA ATC ASSIGNED AIRSPACE WILL NORMALLY BE ACT MON-FRI BTN THE HOURS OF 1400-2200Z AND 0100-0300Z. CHECK NOTAMS FOR ACT TIMES OUTSIDE OF THESE DAYS AND TIMES. WHEN THE AIRSPACE IS ACT THE FOLLOWING RESTRICTIONS ARE REQUIRED: 1.)ALL WB FLTS ENTERING ANCHORAGE FIR N OF 62N141W MUST BE ESTABLISHED ON ONE OF THE FOLLOWING RTES:(A) ON OR N OF NCA28 (B) OVR OR S OF ORT 2.)ALL EB FLTS TRANSITING ANCHORAGE FIR SHALL FLT PLAN VIA ONE OF THE FOLLOWING:(A) ON OR N OF NCA28 (B) OVR OR S OF TED J511 GKN J124 ORT 3.)THE FOLLOWING RTES/FIXES ARE **NOT AVBL**: (A) NCA24/FIORD, NCA19/CHAPO, NCA22/FANES (B) J167 BTN GKN AND FYU (C) J502/J515/Q902 BTN FAI AND ORT (D) J507 BTN ORT AND FYU (E) V481/T226 BTN BIG AND FYU 4.) ACFT LDG/DEP FAI AND LOW ALT STRUCTURE ACFT FILED BTN FAI AND ORT WILL BE RESTRICTED AT OR BLW 17000FT. FOR CURRENT ACT AIRSPACE SEE SUA.FAA.GOV. FOR QUESTIONS OR ADDITIONAL INFO, CTC ANCHORAGE /ZAN/ ARTCC TFC MANAGEMENT UNIT AT TEL 907-269-1108

F) SFC G) FL600

**A0639/22**

VOLCANIC ACTIVITY ADVISORY FOR GREAT SITKIN VOLCANO / 520412N 1760748W / ALEUTIAN ISLANDS, AK. THE ALASKA VOLCANO OBSERVATORY HAS REPORTED INCREASED SEISMIC ACTIVITY IN THE VICINITY OF GREAT SITKIN VOLCANO WHICH INDICATES THE POSSIBILITY OF A VOLCANIC ERUPTION. (AVIATION COLOR CODE ORANGE IS CURRENTLY IN EFFECT.) AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ERUPTIONS, STEAM, OR ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC IMMEDIATELY. CONTACT ANCHORAGE ARTCC 907-269-1103 FOR ADDITIONAL INFORMATION.

A0621/22

TEMPORARY FLIGHT RESTRICTIONS PAVLOF VOLCANO WI AREA DEFINED AS 3NM RADIUS OF 552512N1615400W (CDB059031) SFC-15000FT VOLCANIC ACT. PURSUANT TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT. PILOTS ARE ADZ TO EXER EXTREME **CAUTION** WHEN OPERATING NEAR THIS TEMPORARY FLIGHT RESTRICTED AREA, PARTICULARLY WHILE DOWNWIND FROM THE VOLCANO. CHECK CURRENT CENTER WX ADVISORY (CWA), SIGNIFICANT METEOROLOGICAL INFO (SIGMET) AND PILOT REPORT (PIREP) INFO. ANCHORAGE ARTCC (ZAN) 907-269-1103 IS THE FAA CDN FACILITY. F) SFC G) 15000FT

A0562/22

VOLCANIC ACTIVITY ADVISORY FOR SHEVELUCH VOLCANO / 563800N 1611900E / KAMCHATKAN PENINSULA, RUSSIA. SHEVELUCH VOLCANO HAS BEEN IN AN **ACTIVE** STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON AIRCRAFT OPERATIONS IS DESCRIBED IN CURRENT SIGNIFICANT METEOROLOGICAL INFORMATION (SIGMET), CENTER WEATHER ADVISORY (CWA), OR PILOT REPORT (PIREP) INFORMATION. AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. AIRCRAFT OPERATORS SHOULD CONTINUALLY EVALUATE OPERATIONS IN THE SIGMET AREA. AVIATION COLOR CODE ORANGE IS IN EFFECT. FLIGHT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SURFACES.
END PART 1 OF 2

ANY AIR CARRIERS THAT OBSERVE OR EXPERIENCE ANY DIFFICULTIES RESULTING FROM AN ENCOUNTER WITH VOLCANIC ASH, PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.5 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS). CONTACT ANCHORAGE ARTCC, 907-269-1103, FOR ADDITIONAL INFORMATION.
F) SFC G) FL490
END PART 2 OF 2

A0533/22

ROUTE ZAN.
V440 YAKUTAT (YAK) **VOR/DME**, AK R-119 TO BIORKA ISLAND (BKA) **VORTAC**, AK R-303 NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
YAK **VOR** R-119 **UNUSABLE**.

**A0489/22**

VOLCANIC ACTIVITY ADVISORY FOR EBEKO VOLCANO / 504100N 1560100E / NORTHERN KURILE ISLANDS, RUSSIA. EBEKO VOLCANO HAS BEEN IN AN **ACTIVE** STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON AIRCRAFT OPERATIONS IS DESCRIBED IN CURRENT SIGNIFICANT METEOROLOGICAL INFORMATION (SIGMET), CENTER WEATHER ADVISORY (CWA), OR PILOT REPORT (PIREP) INFORMATION. AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. AIRCRAFT OPERATORS SHOULD CONTINUALLY EVALUATE OPERATIONS IN THE SIGMET AREA. AVIATION COLOR CODE ORANGE IS IN EFFECT. FLIGHT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SURFACES. ANY AIR CARRIERS THAT OBSERVE OR EXPERIENCE ANY DIFFICULTIES RESULTING FROM AN ENCOUNTER WITH VOLCANIC ASH, PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.5 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS). CONTACT ANCHORAGE ARTCC, 907-269-1103, FOR ADDITIONAL INFORMATION.

F) SFC G) 12000FT

A0373/22

ROUTE ZAN.

V311 UDENE, AK TO COP NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

ANN **VOR/DME** R-290 **UNUSABLE** FROM UDENE TO COP.

A0343/22

V317 ANNETTE ISLAND (ANN) **VOR/DME**, AK TO GESTI, AK MEA 9000 NORTHWESTBOUND.

ANN **VOR/DME** R-309 **UNUSABLE** BEYOND 37 NM BELOW 9000.

A0217/22

NOPAC ATS ROUTE R338:

ATS ROUTE R338 MAY BE FLIGHT PLANNED FOR WESTBOUND OR EASTBOUND ROUTE OF FLIGHT. FOR QUESTIONS PLEASE CONTACT ANCHORAGE ARTCC TMU (907) 269-1108.

F) SFC G) FL600

A0215/22

ANCHORAGE ARTCC AND MAGADAN ACC ARCTIC CTA FIR BOUNDARY:

NORTH OF 73N THE FOLLOWING FLIGHT PLANNING RESTRICTIONS ARE APPLICABLE FOR ACFT ROUTED ACROSS THE ANCHORAGE ARTCC AND MAGADAN ACC ARCTIC CTA COMMON FIR BOUNDARY.

1. FIR BOUNDARY WAYPOINTS: ULLAN, TORDO, SULAD, ROGLA, PELER, NARAL, MOSAS, LERDI, KUMUK, INKIS, GULON, DELIM, BAGAK, AGNOL ARE **NOT AVAILABLE** FOR FLIGHT PLANNING PURPOSES.

2. ACFT MUST FLIGHT PLAN OVER THE FOLLOWING FIR BOUNDARY WAYPOINTS: NALIM, LURUN, RAMEL, PINAG, LETUN, NIKIN, SALET, ORVIT, AMATI, BEKAR, BARIP.

REFER QUESTIONS CONCERNING THIS NOTAM TO ANCHORAGE ARTCC TRAFFIC MANAGEMENT (907) 269-1108.

F) SFC G) FL600

A0098/22

R580:

THE PORTION OF R580 HAMND TO ORCCA IS **UNUSABLE**. FLTS DEPARTING PANC FILED ON R580 MUST FILE NODLE R220 NICHODCT ORCCA. OVR FLTS SHOULD FILE OVR

OR WEST OF ORCCA TO JOIN R580.

REFER QUESTIONS CONCERNING THIS NOTAM TO ANCHORAGE ARTCC INTL PROCEDURES AT (907) 269-1134

**A0082/22**

THE FOLLOWING FLIGHT PLANNING RQMNTS ARE APPLICABLE IN THE PAZA FIR.

1. FLTS CROSSING THE UHMM/PAZA OR ULMM/PAZA FIR BDRY, OVER OR N OF LISKI, MUST ADHERE TO THE ANCHORAGE ARCTIC FIR RQMNTS NOTAM.

2. UPR FLTS WILL HAVE THE SAME PRIORITY FOR ALT ASSIGNMENT AS ACFT ON AN OPTIONAL PACOTS OR NOPAC TRACK. (EXCEPTION: OPRS WHICH FLT PLAN A UPR THAT IS NOT Laterally SEPARATED FM AN OPPOSITE **DIRECTION** PACOTS/NOPAC/UPR TFC FLOW WILL LIKELY BE RESTRICTED VERTICLE WHILE IN CONFLICT WITH THE MAJOR TFC FLOW.)

3. UPR ROUTES MUST COMPLY WITH ALL PUBLISHED PAZA NOTAMS.

4. UPR ROUTES MUST AVOID THE AIRSPACE BOUNDED BY 5626N15217W, 5638N15059W, 5705N15110W AND 5658N15230W.

5. WB UPR FLTS MAY ENTER PAZA FIR AIRSPACE:

A. FM CZVR FIR AIRSPACE ANYWHERE OVER OR NE OF KATCH PROVIDED FLTS DO NOT RE-ENTER THE CZEG FIR AIRSPACE.

B. ANYWHERE BTN KATCH AND 5638N15059W OR BTN 5626N15217W AND
END PART 1 OF 4

A0082/22 NOTAMR A0081/22

Q) PAZA/QPFXX////280/999/

A) PAZA PART 2 OF 4

B) 2202242203

C) PERM

E) 4746N17000E

D. FLTS ENTERING PAZA AIRSPACE BTN NCA30 AND NCA10 MUST FLT PLAN OVER ONE OF THE FOLLOWING FIXES: POTAT, GOATS, FIORD, CHAPO, FANES, TIBOY, EMSOW, BIBEM, AYZOL, GAHAM, TOVAD, OMSUN, JAGIT, COHIL OR DEEJA. (NON-RNP10 CERTIFIED ACFT MUST ALSO FILE THE ASSOCIATED NCA ROUTE OR AIRWAY TO THE FST NAMED POINT AFTER THE CZEG/PAZA BDRY.)

7. WB FLTS ENTERING THE NOPAC:

A. MAY JOIN R220 AT ANY R220 WAYPOINT OVER OR E OF NIPPI PROVIDED THE ROUTE OF FLT REMAINS SOUTH OF R220 W OF NATES

B. MAY JOIN R580 AT ANY R580 WAYPOINT OVER OR E OF OMOTO PROVIDED THE ROUTE OF FLT REMAINS S OF R580 W OF ONEIL.

C. A590 IS **NOT AVBL**.

D. R591 AND G344 ARE **NOT AVBL** UNLESS DESIGNATED AS WB PACOTS TRACK AND ACFT MUST CROSS THE RJJJ/PAZA FIR BDRY BTN 0000 UTC AND 0600 UTC. ADDITIONALLY, ACFT MUST JOIN R591 NO FURTHER W THAN AKISU OR MUST JOIN G344 NO FURTHER W THAN CUTEET.

8. EB ACFT TRANSITIONING FM THE NOPAC MUST FLT PLAN ONE OF
END PART 2 OF 4

A0082/22 NOTAMR A0081/22

Q) PAZA/QPFXX////280/999/

A) PAZA PART 3 OF 4

B) 2202242203

C) PERM

E) THE FOLLOWING TRANSITIONS:

A. A590: PASRO A590 POWAL THENCE UPR.

B. R591: AKISU THENCE UPR, PROVIDED ROUTE OF FLT REMAINS S OF R591.

C. G344: CUTEET THENCE UPR.

9. EB ACFT TRANSITIONING VIA RUSSIAN ENTRY/EXIT FIXES ALONG THE UHPP/PAZA AND UHMM/PAZA FIR BDRY MUST COMPLY WITH ROUTINGS ESTABLISHED IN FAA PUBLICATION "CHART SUPPLEMENT, ALASKA" EXC AS FOLLOWS:

A. EB FLT OVER KUNAD, LUMES AND KOKES MUST BE FLT PLANNED VIA:

1. ROUTE: KOKES DIRECT ONEIL THENCE VIA UPR REMAINING S OF NOPAC ROUTE R580 OR, LUMES DIRECT PINSO THENCE VIA UPR REMAINING S OF



NOPAC ROUTE A590 OR, KUNAD DIRECT PLADO THENCE VIA UPR REMAINING S OF NOPACT ROUTE A590.

2. ALT: FLTS MUST FLT PLAN TO CROSS KUNAD, LUMES OR KOKES AT OR BLW FL310, OR AT OR ABV FL390.

3. TIME: FLTS MUST FLT PLAN SO AS TO CROSS KUNAD, LUMES OR KOKES
END PART 3 OF 4

A0082/22 NOTAMR A0081/22

Q) PAZA/QPFXX////280/999/

A) PAZA PART 4 OF 4

B) 2202242203

C) PERM

E) BTN 0500 UTC AND 2300 UTC. REFER QUESTIONS TO ANCHORAGE ARTCC
INTL PROC AT TEL 907-269-1801 OR TO ANCHORAGE ARTCC TFC MANAGEMENT
AT TEL 907-269-1840.

F) FL280 G) UNL

END PART 4 OF 4

**A1049/21**

ROUTE ZAN.

V456 KING SALMON (AKN) **VORTAC**, AK R-210 FROM 40 NM MEA 5000.AKN **VORTAC** R-210 **UNUSABLE** BEYOND 40 NM BELOW 5000.**A0955/21**

ROUTE ZAN.

J125 PUYVO, AK TO NENANA (ENN) **VORTAC**, AK NA.ENN **VORTAC**.**A0956/21**

ROUTE ZAN.

V436 PUYVO, AK TO NENANA (ENN) **VORTAC**, AK NA.ENN **VORTAC**.**A0875/21**V506 KODIAK (ODK) **VOR/DME**, AK TO 55 NM CHANGE OVER POINT **UNUSABLE**.**A0800/21**V436 BEETE INT, AK BEETE INT NA. **DME** REQUIRED EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.FYU **VORTAC** R-251 **UNUSABLE**.**A0516/21**

ROUTE ZAN.

A15, A2 DELTA JUNCTION (DJN) **NDB**, AK TO NABESNA (AES) **NDB**, AK MEA
8500.**A0514/21**G16 WAINWRIGHT VILLAGE (UKK) **NDB**, AK TO BROWERVILLE (VIR) **NDB**, AK
MOCA 1200.**A0513/21**G16 NUIQSUT VILLAGE (UQS) **NDB**, AK TO PUT RIVER (PVQ) **NDB**, AK MOCA
1300.**A0327/21**R2015 TECLY, AK HOLDING AT OR ABOVE
4800.

F) SEE TEXT G) SEE TEXT

A0330/21ZAN. R2015 TECLY, AK TO FIPAM, AK MOCA
2500.

F) SEE TEXT G) SEE TEXT

A0329/21R2015 FIPAM, AK TO VAZPU, AK MEA
5200.

F) SEE TEXT G) SEE TEXT

A0328/21R2010, R2020 PAHSI, AK MCA 5300
WESTBOUND.

F) SEE TEXT G) SEE TEXT

A0326/21R2010 LUKEC, AK TO SEBAW, AK MOCA
3400.

F) SEE TEXT G) SEE TEXT

A0331/21R2015 TAWMO, AK TO UCUXY, AK MOCA
2500.

F) SEE TEXT G) SEE TEXT

A0181/21

ROUTE ZAN.

G17 WAINWRIGHT VILLAGE (UKK) **NDB**, AK TO ATQASUK (ATK) **NDB**, AK MOCA
1200.

**A0128/21**

ZAN AK..ROUTE ZAN.

V481 BIG DELTA (BIG) **VORTAC**, AK R-153 TO PAXON, AK MEA 13000 SOUTHBOUND.V481 BIG DELTA (BIG) **VORTAC**, AK R-341 TO FORT YUKON (FYU) **VORTAC**, AK R-164 NA NORTHBOUND EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.BIG **VOR** RESTRICTED.**A0002/21**

ROUTE ZAN.

R1 ST PAUL ISLAND (SPY) NDB/DME, AK TO GARRS INT, AK MOCA 3700.

+++++ RESTRICTED AIRSPACE +++++

A1060/22

DLY 0100-1800

THE RUSSIAN FEDERATION PLANS TO CONDUCT ROCKET FIRINGS. IMPACT AREA WI THE ANCHORAGE ARTCC OCEANIC FIR IS AS FOLLOWS.

WI AN AREA DEFINED AS 510700N1611700E TO 464423N1661638E TO 461725N1644611E TO 503630N1600800E TO POINT OF ORIGIN.

FOR FLT SAFETY ATC WILL NOT CLEAR IFR FLT THRU THE IMPACT AREA.

ALTN ROUTE AS FOLLOWS.

THE FOLLOWING RESTRICTIONS ARE DUE TO RUSSIAN FEDERAL ROCKET FIRINGS IMPACT AREA WESTBOUND TRAFFIC ON NOPAC ROUTES BETWEEN ANCHORAGE AND FUKUOKA ESTIMATING THE FIR BETWEEN 0030Z AND 1830Z SHOULD FILE FLIGHT PLAN ROUTE VIA SYA DCT 4817N17213E DCT 4650N17000E DCT 4456N16328E THENCE VIA RJJJ NOTAMED RTE.

EASTBOUND TRAFFIC ON NOPAC ROUTES BETWEEN FUKUOKA AND ANCHORAGE ESTIMATING THE FIR BETWEEN 0030Z AND 1800Z SHOULD FILE VIA RJJJ NOTAMED RTE 4355N16415E DCT 4550N17100E DCT 4905N17620E DCT EYWAK THEN VIA FLIGHT PLAN ROUTE.

THE TEMPORARY ROUTES DESCRIBED ABOVE ARE FOR AIRCRAFT EQUIPPED WITH END PART 1 OF 2

A1060/22 NOTAMR A1030/22

Q) PAZA/QWMLW///000/999/

A) PAZA PART 2 OF 2

B) 2212222314

C) 2212251830

D) DLY 0100-1800

E) RNP-10 NAVIGATION SYSTEMS OR BETTER. ALL OTHERS SHOULD FLIGHT PLAN TO AVOID THE AIRSPACE NOTAMED FOR RUSSIAN FEDERAL ROCKET FIRINGS IMPACT AREA BY AT LEAST 50NM. TIMES LISTED ABOVE ARE BASED ON THE PERFORMANCE OF TURBOJET AIRCRAFT ONLY AND SLOWER AIRCRAFT SHOULD PLAN ACCORDINGLY.

QUESTIONS FOR ANCHORAGE ARTCC SHOULD BE DIRECTED TO THE TRAFFIC MANAGEMENT UNIT AT TEL 907-269-1108 AND QUESTIONS FOR OAKLAND ARTCC TO THE MILITARY OPERATIONS SPECIALIST AT TEL 510-745-3334, OR THE TRAFFIC MANAGEMENT SUPERVISOR AT TEL 510-745-3332.

F) SFC G) UNL

END PART 2 OF 2

+++++ ROUTE +++++

2/5871

AK..ROUTE ZAN.

V489 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-072 TO R-077. GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.



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EXTENDED AREA AROUND DESTINATION

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KZNY NEW YORK FIR/UIR

+++++ FIR/UIR ++++++

A0460/22

ZNY ROUTE ZNY.

V139, V268, V308 DRIFT, NJ MCA 12000 NORTHEASTBOUND.

A0452/22

ZNY PA..ROUTE ZNY.

V576 PHILIPSBURG (PSB) **VORTAC**, PA TO WILLIAMSPORT (FQM) **VOR/DME**,
PA MEA 4900.

A0418/22

RDO ALTIMETER UNREL WI NEW YORK ARTCC AIRSPACE EXC
BEYOND 17NM FROM COASTLINE SFC-5000FT AGL. HEL OPS REQUIRING RDO
ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT
MODES, SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND
LDG NOT AUTHORIZED FOR ACFT USING APPROVED ALTERNATIVE METHODS OF
COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS
DIRECTIVE 2021-23-13 AND DOMESTIC NOTICE
F) SFC G) 5000FT

A0373/22

ROUTE ZNY ZOB.

V252 GENESEO (GEE) **VOR/DME**, NY TO GIBBE, NY MEA 4500.

A0369/22

ROUTE ZNY ZDC ZBW.

Q481 CONFR, MD TO DEER PARK (DPK) **VOR/DME**, NY NA.

A0368/22

ROUTE ZNY ZDC ZBW.

Q133 CHIEZ, NC TO PONCT, NY NA.

A0290/22

ROUTE ZNY.

V29 VESPE, NY TO SYRACUSE (SYR) **VORTAC**, NY MEA 4700.

A0289/22

ROUTE ZNY.

V147, V29 SLATT, PA TO WILKES-BARRE (LVZ) **VORTAC**, PA MEA 4600.

A0235/22

PA..ROUTE ZNY.

V39 BOYER, PA TO EAST TEXAS (ETX) **VOR/DME**, PA MOCA 2500.

A0211/22

NOTICE ARRIVALS INTO EAST HAMPTON, NY

AP PILOTS AND OPR ARE ADZ TO CTC THE AP FOR CURRENT STATUS OF **AD**
FIELD COND AND AP OPS

A0084/22

J211 WESTMINSTER (EMI) **VORTAC**, MD R-300 TO BUSTR, PA NA EXCEPT FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

EMI **VORTAC** R-300 **UNUSABLE**.

A0083/22

ROUTE ZNY.

V166 WESTMINSTER (EMI) **VORTAC**, MD R-088 TO COP NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

EMI **VORTAC** R-088 **UNUSABLE**.

A0082/22

V268 WESTMINSTER (EMI) **VORTAC**, MD R-151 TO BALTIMORE (BAL) **VORTAC**,
MD R-334 USE BAL **VOR** R-334.

EMI **VORTAC** R-151 **UNUSABLE**.

**A0608/21**

ROUTE ZNY.

V139, V268, V308 MANTA, NJ MCA 12000 SOUTHWESTBOUND.

A0573/21

ROUTE ZNY.

J227 MICAH, PA TO TYMAN, PA NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. AML VDME R-009 **UNUSABLE** BEYOND 74 NM, AND ULW VDME R-205 **UNUSABLE** BEYOND 74NM.**A0571/21**

ROUTE ZNY.

J220 MICAH, PA TO COP NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. AML VDME R-009 **UNUSABLE** BEYOND 74 NM.**A0567/21**

ROUTE ZNY.

V29 SCOFF, PA TO BINGHAMTON (CFB) **VOR/DME**, NY MEA 3800.**A0551/21**

ROUTE ZNY.

V147 ELMIRA (ULW) **VOR/DME**, NY TO GENESEO (GEE) **VOR/DME**, NY MEA 4600.**A0525/21**

ROUTE ZNY ZBW.

J55 HAMPTON (HTO) **VORTAC**, NY R-236 TO MANTA INT, NJ NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO **VOR** R-236 **UNUSABLE**.**A0486/21**

ROUTE ZNY.

V116 STONYFORK (SFK) **VOR/DME**, PA TO WILKES-BARRE (LVZ) **VORTAC**, PA MEA 4900.**A0485/21**

ROUTE ZNY.

V147 WILKES-BARRE (LVZ) **VORTAC**, PA TO ELMIRA (ULW) **VOR/DME**, NY MEA 4900.**A0484/21**

ROUTE ZNY.

T218 STONYFORK (SFK) **VOR/DME**, PA TO LAAYK, PA GNSS 4900.**A0442/21**

ROUTE ZNY.

T221 ALLENTOWN (FJC) **VORTAC**, PA TO LAAYK, PA GNSS MEA 4700.**A0441/21**

ROUTE ZNY.

V149 ALLENTOWN (FJC) **VORTAC**, PA TO LAAYK, PA MOCA 4700.**A0436/21**

ROUTE ZNY.

T216 PHILIPSBURG (PSB) **VORTAC**, PA TO WILLIAMSPORT (FQM) **VOR/DME**, PA GNSS MEA 4900.T216 WILLIAMSPORT (FQM) **VOR/DME**, PA TO ELEXI, PA GNSS MEA 4900.

T216 ELEXI, PA TO LAAYK, PA GNSS MEA 4900.

A0274/21

ROUTE ZNY.

V576 HANCOCK (HNK) **VOR/DME**, NY TO DELANCEY (DNY) **VOR/DME**, NY MEA 4900.**A0273/21**

ROUTE ZNY.

V576 WILLIAMSPORT (FQM) **VOR/DME**, PA TO HANCOCK (HNK) **VOR/DME**, NY MEA 4500.**A0262/21**

ROUTE ZNY.

V184 FALON, NJ MRA FLAG AT FALON 4000.

JFK **VOR/DME** R-210 RESTRICTION.

**A0227/21**

ROUTE ZNY.
V433 METRO, NJ TO GRITY, NJ MOCA 1900.

A0213/21

ROUTE ZNY.
V457 KATVE BWZ NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
BWZ **VOR R-250 UNUSABLE.**

A0201/21

ROUTE ZNY.
V99 LA GUARDIA (LGA) **VOR/DME**, NY TO OUTTE, CT MOCA 1900.

A0185/21

ROUTE ZNY ZBW.
V139, V268, V308 HAMPTON (HTO) **VORTAC**, NY R-236 TO MANTA INT, NJ
NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO **VOR R-236 UNUSABLE.**

A0163/21

ROUTE ZNY.
V374 BINGHAMTON (CFB) **VOR/DME**, NY TO GAYEL, NY GNSS 4700 MOCA
4700.

A0160/21

V374, V39 VOLLU, NY TO CARMEL (CMK) **VOR/DME**, NY MEA 6500 EXCEPT
FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
V39 SPARTA (SAX) **VORTAC**, NJ TO VOLLU, NY MEA 6500 EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
CMK **VOR R-266 UNUSABLE** , SAX VTAC R-084 **UNUSABLE** BELOW 6500.

A0159/21

ROUTE ZNY ZBW.
V188 NYACK, NY TO CARMEL (CMK) **VOR/DME**, NY NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
CMK **VOR R-255 UNUSABLE.**

A0158/21

V3, V405, V419 FALLZ, NJ TO CARMEL (CMK) **VOR/DME**, NY NA EXCEPT FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
CMK **VOR R-255 UNUSABLE.**

A0580/11

QXXXX WHENEVER AN EASTBOUND NORTH ATLANTIC TRACK IS PUBLISHED THAT
ORIGINATES AT JAROM OR TALGO, AIRCRAFT TRANSITIONING THE NEW YORK
OCEANIC CTA AND PLANNING TO JOIN THE JAROM/TALGO TRACK MUST FILE A
ROUTE FROM A POINT 42N OR SOUTH DIRECT TO 44N050W.
FOR EXAMPLE, NORTH ATLANTIC TRACK (NAT) X-RAY IS PUBLISHED VIA
JAROM TALGO 44N050W 46N040W 48N030W 50N020W SOMAX ATSUR. THE
FOLLOWING ROUTES WOULD BE FILED TO JOIN NATX:

1. AN AIRCRAFT WISHES TO JOIN NATX FROM M201. THE CORRECT ROUTE TO
FILE IN THE NEW YORK CTA IS M201 DRYED 41N060W 44N050W NATX.
2. AN AIRCRAFT WISHES TO JOIN NATX FROM M202. THE CORRECT ROUTE TO
FILE IN THE NEW YORK CTA IS M202 MUNNEY 41N060W 44N050W NATX.
3. AN AIRCRAFT WISHES TO JOIN NATX FROM M203. THE CORRECT ROUTE TO
FILE IN THE NEW YORK CTA IS M203 SELIM 40N060W 44N050W NATX.

A0346/11

QXXXX THREE WAYPOINTS NAMED JISEL, EXXES AND CEETE HAVE BEEN
ESTABLISHED IN WARNING AREA 107. THEY ARE PUBLISHED, BUT NOT
CHARTED, AND EXIST IN AIRCRAFT S FLIGHT MANAGEMENT SYSTEMS. DUE
TO THE FACT THAT WARNING AREA AIRSPACE IS NOT ALWAYS **AVAILABLE** FOR
AIR TRAFFIC CONTROL USE, ROUTING OVER JISEL, EXXES OR CEETE MAY
NOT BE FLIGHT PLANNED BY PILOTS OR OPERATORS. FOR ADDITIONAL
INFORMATION REGARDING THESE WAYPOINTS, CONTACT CHRIS WINKELEER AT
631-468-1018 OR VIA E-MAIL AT CHRIS.WINKELEER@FAA.GOV. THIS NOTAM
REPLACES NOTAM A0791/10
F) SFC G) UNL

**A0258/10**

QXXXX THIS NOTAM REVISES NOTAM A0379/09. NO PROCEDURAL CHANGES HAVE BEEN MADE. IT HAS BEEN EDITED FOR BREVITY.

WESTBOUND OCEANIC FLIGHT CLEARANCE PROCEDURES.

DUE TO REGIONAL AIR TRAFFIC CONTROL AUTOMATION SYSTEM COMPATIBLY PROBLEMS THE FOLLOWING MODIFICATION WERE MADE TO WESTBOUND OCEANIC FLIGHT CLEARANCE AND RECLEARANCE PROCEDURES IN THE NORTH ATLANTIC REGION ON MAY 11, 2009. THESE PROCEDURES ARE ONLY APPLIED WITHIN THE SHANWICK, GANDER, AND NEW YORK AREA CONTROL CENTERS AND CONTINUE IN FORCE AS FOLLOWS:

AIRCRAFT THAT WILL PROCEED SOUTH OF LATITUDE 39 NORTH AND WEST OF LONGITUDE 67 WEST WILL BE CLEARED TO THE FIRST NAMED FIX IN THE NEW YORK OCA THAT IS SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN, FOLLOWED BY THE PHRASEOLOGY - VIA FLIGHT PLANNED ROUTE TO DESTINATION.

AIRCRAFT THAT WILL PROCEED SOUTH OF LATITUDE 20 NORTH AND EAST OF LONGITUDE 60 WEST WILL BE CLEARED TO THE LAST SET OF COORDINATES SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN PRIOR TO LATITUDE 20 NORTH FOLLOWED BY THE PHRASEOLOGY - VIA FLIGHT PLANNED ROUTE TO DESTINATION.

END PART 1 OF 2

A0258/10 NOTAMN A) KZNY PART 2 OF 2 B) 1003121253 C) UFN E)

AIRCRAFT THAT HAVE BEEN TAKEN OFF THEIR FLIGHT PLANNED ROUTE WILL BE RECLEARED TO A FIX SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN FOLLOWED BY THE PHRASEOLOGY VIA FLIGHT PLANNED ROUTE TO DESTINATION.

IT IS IMPERATIVE THAT OPERATORS FILE FLIGHT PLANS (FPL) AND FLIGHT PLAN CHANGE (CHG) MESSAGES THROUGH THE NEW YORK OCEANIC CTA/FIR USE THE ADDRESS KZWYZOZX. IT MUST BE NOTED THAT THE NEW YORK OCEANIC ADDRESS IS SEPARATE FROM THE NEW YORK DOMESTIC ADDRESS (KZNYZRZX). OPERATORS MAY FORWARD QUESTIONS TO:

SHANWICK ACC, FINLAY SMITH, (FINLAY.SMITH@NATS.CO.UK),
00-44-1292-692663

GANDER ACC, ROBERT FLEMING, (FLEMINR@NAVCANADA.CA),
(001)-709-651-5233

NEW YORK ACC, PETER EHRLEIN, (PETER.C.EHRLEIN@FAA.GOV),
(001)-631-468-1021

F) SFC G) UNL

END PART 2 OF 2

A0429/09

QXXXX BEACON CODE PROCEDURES IN THE WEST ATLANTIC ROUTE SYSTEM (WATRS) AREA

EFFECTIVE IMMEDIATELY, ALL AIRCRAFT TRANSITIONING INTO THE WEST ATLANTIC ROUTE SYSTEM (WATRS) VIA FIXED ATS ROUTES SHALL REMAIN ON THE LAST ATC-ASSIGNED BEACON CODE.

+++++ RESTRICTED AIRSPACE +++++

12/986 VALID: 23-DEC-22 1300 - 23-DEC-22 2030

AIRSPACE R5206 ACT SFC-5000FT

**A0017/13**

QRACA CHANGE IN NEW YORK CENTER OCEANIC CLEARANCE PROCEDURES BEGINNING ON 5 FEBRUARY 2013 AT 1200Z, NEW YORK CENTER WILL MODIFY THE PROCEDURES THAT ARE USED TO ISSUE OCEANIC CLEARANCES TO EASTBOUND AIRCRAFT ENTERING MINIMUM NAVIGATION PERFORMANCE STANDARD (MNPS) AIRSPACE. THESE PROCEDURES ONLY APPLY TO AIRCRAFT ENTERING THE NEW YORK CENTER OCEANIC CTA FROM A FAA FACILITY. THE PURPOSE OF THIS NOTAM IS TO EXPLAIN THESE CHANGES.

NORTH ATLANTIC (NAT) DOCUMENT 007, TITLED GUIDANCE CONCERNING AIR NAVIGATION IN AND ABOVE THE NORTH ATLANTIC MNPS AIRSPACE IS A GUIDANCE DOCUMENT PUBLISHED BY ICAO TO ASSIST USERS IN THE PROPER PROCEDURES TO BE USED WHEN OPERATING IN THE NAT. CHAPTER 5 OF DOCUMENT 007, TITLED OCEANIC ATC CLEARANCES, IS THE CHAPTER TO WHICH THESE CHANGES PERTAIN.

THERE ARE THREE COMPONENTS TO AN OCEANIC CLEARANCE. THEY ARE ROUTE, END PART 1 OF 3

ALTITUDE AND SPEED. IT IS THE DELIVERY METHOD OF THESE THREE COMPONENTS WHICH IS CHANGING. BEGINNING ON 5 FEBRUARY 2013, THE FAA WILL CONSIDER THE AIRPORT CLEARANCE WHICH AN AIRCRAFT RECEIVES ON THE GROUND AT ITS DEPARTURE AERODROME TO BE THE ROUTE PORTION OF THE OCEANIC CLEARANCE. ALTITUDE AND SPEED ASSIGNMENT WILL OCCUR PRIOR TO ENTRY INTO THE NEW YORK CENTER OCEANIC CTA. AS IS THE CURRENT OPERATING PROCEDURE, UNSOLICITED EN-ROUTE ROUTE, ALTITUDE OR SPEED CHANGES MAY OCCUR DUE TO CHANGING TRAFFIC SITUATIONS. AT ALL TIMES, THE LAST ASSIGNED ROUTE, ALTITUDE AND SPEED ARE TO BE MAINTAINED AND SHOULD BE CONSIDERED YOUR NEW OCEANIC PROFILE. HAVING RECEIVED ALL THREE COMPONENTS, THE REQUIREMENT TO RECEIVE AN OCEANIC CLEARANCE WILL HAVE BEEN MET.

FOR EXAMPLE:

AN AIRCRAFT HAS FILED AN FPL FROM MDSD TO EDDF. THIS WOULD TAKE THE FLIGHT FROM THE SANTO DOMINGO FIR, THROUGH THE MIAMI FIR AND THEN THE NEW YORK FIR BEFORE ENTERING SANTA MARIA. THE AIRPORT CLEARANCE END PART 2 OF 3

PROVIDED ON THE GROUND AT MDSD WOULD FULFILL THE ROUTE REQUIREMENT OF THE OCEANIC CLEARANCE. ONCE AIRBORNE AND IN THE MIAMI FIR, FINAL SPEED AND ALTITUDE ASSIGNMENT WILL BE GIVEN AFTER THE FLIGHT IS COORDINATED BETWEEN MIAMI AND NEW YORK.

IF A ROUTE, SPEED OR ALTITUDE CHANGE EN-ROUTE IS DESIRED, THEN AIRCRAFT SHOULD MAKE A REQUEST FROM THE ATC UNIT IN WHICH THEY ARE OPERATING. AT ALL TIMES, THE LAST ASSIGNED ROUTE, ALTITUDE AND SPEED ARE TO BE MAINTAINED.

TRACK MESSAGE IDENTIFICATION NUMBER (TMI) CONFIRMATION FOR AIRCRAFT FILING AN ABBREVIATED CLEARANCE IN LIEU OF THE TRACK COORDINATES WILL BE ACCOMPLISHED PRIOR TO REACHING THE TRACK ENTRY POINT. USERS ARE REMINDED OF THE REQUIREMENT TO FILE AN FPL AND ANY SUBSEQUENT CHANGES WITH NEW YORK OCEANIC AT KZWYZOZX, ALONG WITH ANY OTHER ATC FACILITIES THAT MAY REQUIRE SUCH FILING.

F) FL055 G) UNL

END PART 3 OF 3



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EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)

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KZBW BOSTON FIR/UIR

+++++ FIR/UIR +++++

12/128 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE CARTHAGE WEST MOA ACT 6000FT UP TO BUT
NOT INCLUDING FL180

12/125 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE TUPPER EAST MOA ACT 10000FT UP TO BUT
NOT INCLUDING FL180

12/127 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE ADIRONDACK D MOA ACT 5000FT UP TO BUT
NOT INCLUDING FL180

12/130 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE TUPPER SOUTH MOA ACT 6000FT UP TO BUT
NOT INCLUDING FL180

12/123 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE TUPPER CENTRAL MOA ACT 6000FT UP TO BUT
NOT INCLUDING FL180

12/124 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE TUPPER WEST MOA ACT 6000FT UP TO BUT NOT
INCLUDING FL180

12/126 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE LOWVILLE MOA ACT 100FT AGL UP TO BUT NOT
INCLUDING FL180

12/133 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE ADIRONDACK C MOA ACT 100FT AGL UP TO BUT
NOT INCLUDING FL180

12/131 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE ADIRONDACK A MOA ACT 6000FT UP TO BUT
NOT INCLUDING FL180

12/129 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE CARTHAGE EAST MOA ACT 100FT AGL UP TO
BUT NOT INCLUDING FL180

12/053

OBST WIND TURBINE LGT (ASN 2010-WTE-7790-OE)

451806N0682334W (6.8NM ESE LRG) 1040FT (389FT AGL) **U/S**

**A0702/22**

ZBW AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
441701N0694731W (AUG193002.2) TO 410834N0685820W (ACK115048.4) TO
401745N0730004W (DPK167032.8) TO 402430N0731540W (DPK187023.1) TO
402001N0733734W (JFK172019.2) TO 404752N0731722W (DPK072000.7) TO
405154N0732255W (DPK333005.7) TO 405116N0735144W (LGA016004.2) TO
411455N0735203W (CMK274013.1) TO 411910N0740511W (CMK288022.9) TO
412027N0740420W (CMK292022.4) TO 414445N0745704W (HNL150025.1) TO
415119N0750257W (HNL147017.3) TO 421835N0760247W (CFB034010.0) TO
424056N0755740W (SYR170030.6) TO 425558N0760338W (SYR166015.1) TO
425635N0762824W (SYR233017.6) TO 425250N0763955W (SYR241026.3) TO
430327N0764620W (SYR267025.6) TO 433924N0764900W (ART254037.1) TO
444423N0753048W (ART038052.9) TO 444042N0754218W (ART031046.3) TO
444911N0754426W (ART027053.9) TO 445815N0745338W (ART051079.1) TO
450454N0745820W (ART046082.4) TO 451055N0743451W (BTV324076.0) TO
450022N0741513W (BTV324058.5) TO 450022N0731219W (BTV013036.6) TO
POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER
DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES,
SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG
NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF
COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS
DIRECTIVE 2021-23-13

A0703/22

ZBW AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
451932N0694011W (BGR330044.5) TO 454811N0682511W (MLT037013.6) TO
443620N0674858W (BGR126047.3) TO 441724N0682511W (BGR168038.4) TO
442703N0691331W (AUG090025.7) TO POINT OF ORIGIN SFC-5000FT AGL.
HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE
INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND
CAT A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

11/115

AIRSPACE UAS WI AN AREA DEFINED AS 7NM RADIUS OF
RME SFC-2500FT AGL DLY 1200-2330

A0689/22

ZBW MA..ROUTE ZBW.
Q437 LLUND, NY TO SLANG, VT NA.

2/0160

MA..AIRSPACE HANOVER, MA..TEMPORARY FLIGHT
RESTRICTIONS WI AN AREA DEFINED AS 1NM RADIUS OF 420521N0705216W
(BOS178016.9) SFC-2499FT EXPLOSIVE DEVICE CLEAN-UP. PURSUANT TO 14
CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN
EFFECT. ONLY RELIEF ACFT OPS UNDER **DIRECTION** OF HANOVER FIRE
DEPARTMENT ARE AUTH IN THE AIRSPACE. HANOVER FIRE DEPARTMENT
TEL 781-826-0360 IS IN CHARGE OF ON SCENE EMERG RESPONSE ACT.
BOSTON /A90/ APP, TEL 603-594-5551 IS THE FAA CDN FACILITY.
MON-FRI EXC HOLIDAYS 1200-2100

A0666/22

ZBW NY..ROUTE ZBW.
V3 CARMEL (CMK) **VOR/DME**, NY R-077 TO RACEY, CT NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

A0665/22

ZBW NY..ROUTE ZBW.
V188 CARMEL (CMK) **VOR/DME**, NY R-090 TO SEALL, CT NA EXCEPT FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

A0664/22

ZBW NY..ROUTE ZBW.
V374 CARMEL (CMK) **VOR/DME**, NY R-111 TO CREAM, NY NA EXCEPT FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

**A0626/22**

T300 UUBER, NY MCA 5900 SOUTHBOUND.

A0625/22

ROUTE ZBW.

T300 UUBER, NY TO OPDIE, NY MEA 6400.

A0535/22

ROUTE ZBW ZNY ZDC.

Q481 CONFR, MD TO DEER PARK (DPK) **VOR/DME**, NY NA.

A0534/22

ROUTE ZBW ZDC.

Q445 PAACK, NC TO KYSKY, NY NA.

A0533/22

ROUTE ZBW ZDC.

Q167 ZJAAY, MD TO SSOXS, MA NA.

A0532/22

ROUTE ZBW ZNY ZDC.

Q133 CHIEZ, NC TO PONCT, NY NA.

A0529/22

ROUTE ZBW ZDC ZJX.

Q97 CAKET, SC TO PRESQUE ISLE (PQI) **VOR/DME**, ME NA.

A0468/22

ROUTE ZBW.

V268 INNDY, MA MRA 5500. PVD R-093 **UNUSABLE** BEYOND 12 NM BELOW 5500.

A0466/22

ROUTE ZBW.

V139 PROVIDENCE (PVD) **VOR/DME**, RI TO INNDY, MA MEA 5500. PVD R-093 **UNUSABLE** BEYOND 12 NM BELOW 5500.

06/082

AIRSPACE UAS WI AN AREA DEFINED AS .2NM RADIUS OF
423821N0712204W (10.9NM NW ASH) SFC-800FT AGL

A0294/22

NOTICE ARRIVALS INTO EAST HAMPTON, NY

AP PILOTS AND OPR ARE ADZ TO CTC THE AP FOR CURRENT STATUS OF **AD**
FIELD COND AND AP OPS

A0268/22

ROUTE ZBW.

V16, V374 YODER INT, CT **DME** REQUIRED EXCEPT FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS.

HTO **VOR** R-010 **UNUSABLE**.

04/104

AIRSPACE UAS WI AN AREA DEFINED AS 1NM RADIUS OF
430203N0753902W (12NM NW VGC) SFC-1200FT AGL DLY 1200-2300

A0070/22

V268 MESHL, ME MRA 7000.

AUG **VOR/DME** R-213 **UNUSABLE** BELOW 7000FT AT 63NM.

A0025/22

J174 HAMPTON (HTO) **VORTAC**, NY

R-234 TO YAZUU, NJ NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS. HTO **VOR** R-234 **UNUSABLE**.

A0835/21

LASER LGT RESEARCH WI

AN AREA DEFINED AS 414129N0724556W (HFD300010.3) SFC-13000FT AT AN
ANGLE OF 90DEG FM THE SFC PROJECTING UP TO 13000FT, AVOID HAZARD.
THIS BEAM IS INJURIOUS TO PILOTS/PAX EYES.

BRADLEY /BDL/ TRACON TEL 860-386-3530 IS THE FAA CDN FACILITY.

F) SEE TEXT G) SEE TEXT

**A0836/21**

LASER LGT RESEARCH WI
AN AREA DEFINED AS 412530N0725233W (MAD322010.6) SFC-4000FT AT AN
ANGLE OF 90DEG FM THE SFC PROJECTING UP TO 4000FT, AVOID
HAZARD. THIS BEAM IS INJURIOUS TO PILOTS'/PAX' EYES WI SFC-4000FT
AGL VER AND 200FT HORIZONTALLY.
BRADLEY /BDL/ TRACON TEL (860) 386-3530 IS THE FAA CDN FACILITY F)
SFC G) 4000FT

A0691/21

ROUTE ZBW ZNY.
J55 HAMPTON (HTO) **VORTAC**, NY R-236 TO MANTA INT, NJ NA EXCEPT FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO **VOR** R-236 **UNUSABLE**.

A0461/21

ROUTE ZBW.
V39, V487, V91 MOONI, CT TO STUBY, CT NA EXCEPT FOR ACFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS.
ALB **VORTAC** R-175 70NM **UNUSABLE**.

A0443/21

ROUTE ZBW.
J49 ALBANY (ALB) **VORTAC**, NY TO SQUAM, NH NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
ALB **VORTAC** R-071 **UNUSABLE** FROM 40 TO 120NM.

A0407/21

ROUTE ZBW.
V576 HANCOCK (HNK) **VOR/DME**, NY TO DELANCEY (DNY) **VOR/DME**, NY MEA
4900.

A0399/21

ROUTE ZBW.
V146 ALBANY (ALB) **VORTAC**, NY R-139 TO COP NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
ALB **VORTAC** **UNUSABLE** R-139 **UNUSABLE**.

A0295/21

ROUTE ZBW.
V268 COP TO HAMPTON (HTO) **VORTAC**, NY R-079 NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO **VOR** R-079 **UNUSABLE**.

A0292/21

ROUTE ZBW.
V308 COP TO HAMPTON (HTO) **VORTAC**, NY R-039 NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO **VOR** R-039 **UNUSABLE**.

A0291/21

ROUTE ZBW.
V16, V374 YODER INT, CT **DME** REQUIRED EXCEPT FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS.
HTO **VOR** R-010 **UNUSABLE**.

A0289/21

ROUTE ZBW.
V46 HAMPTON (HTO) **VORTAC**, NY R-285 TO COP NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO **VOR** R-285 **UNUSABLE**.

A0313/21

ROUTE ZBW ZNY.
V139, V268, V308 HAMPTON (HTO) **VORTAC**, NY R-236 TO MANTA INT, NJ
NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO **VOR** R-236 **UNUSABLE**.

**A0310/21**

ROUTE ZBW.

J55 TRAIT INT, RI TO HAMPTON (HTO) **VORTAC**, NY R-052 NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.HTO **VOR** R-052 **UNUSABLE**.**A0229/21**

ROUTE ZBW ZNY.

V374, V39 VOLLU, NY TO CARMEL (CMK) **VOR/DME**, NY MEA 6500 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.V39 SPARTA (SAX) **VORTAC**, NJ TO VOLLU, NY MEA 6500 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.CMK **VOR** R-266 **UNUSABLE**, SAX VTAC R-084 **UNUSABLE** BELOW 6500.**A0228/21**

ROUTE ZBW ZNY.

V188 NYACK, NY TO CARMEL (CMK) **VOR/DME**, NY NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.CMK **VOR** R-255 **UNUSABLE**.**A0227/21**

ROUTE ZBW ZNY.

V3, V405, V419 FALLZ, NJ TO CARMEL (CMK) **VOR/DME**, NY NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.CMK **VOR** R-255 **UNUSABLE**.**A0153/21**

ZBW NY..ROUTE ZBW.

V489 WEARD, NY TO ALBANY (ALB) **VORTAC**, NY NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.**A0019/21**V39 CHESTER (CTR) **VOR/DME**, MA TO VAPER, MA MEA 4000, MOCA NA.**A2542/20**

ROUTE ACFT LDG KLGA,KHPN,KDXR VIA THE NOBBI FIVE

ARR **DME** REQUIRED AT FIX PETER BELOW 15000FT**01/102**AIRSPACE UAS WI AN AREA DEFINED AS 20NM RADIUS OF
440336N0754317W (GTB) SFC-FL290

+++++ RESTRICTED AIRSPACE +++++

12/132 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE R5202A ACT FL230-FL290

12/134 VALID: 23-DEC-22 1415 - 23-DEC-22 1630

AIRSPACE R5202B ACT 6000FT-FL290

12/098 VALID: 23-DEC-22 1230 - 23-DEC-22 2100

AIRSPACE R4102A ACT SFC-1999FT

12/097 VALID: 23-DEC-22 1230 - 23-DEC-22 2100

AIRSPACE R4102B ACT 2000FT-3999FT

=====
AREA ENROUTE DEPARTURE - DESTINATION
=====**CZEG EDMONTON FIR**

+++++ FIR/UIR +++++

C4244/22SPRINGBANK MULTILATERATION (MLAT) **U/S**.

FLT WITHIN 25NM RADIUS CENTRED ON 510610N 1142227W

MAY BE DENIED ROUTING AND/OR ALT REQUESTS

**F3903/22**

SECURITY - HAZARDOUS SITUATION IN ARMENIA AND AZERBAIJAN.
CANADIAN AIR OPR AND OWNERS OF ACFT REGISTERED IN CANADA ARE ADVISED TO TAKE ALL POTENTIAL RISK INFO INTO ACCOUNT IN THEIR RISK ASSESSMENT AND ROUTING DECISIONS WHEN OPR WITHIN YEREVAN ZVARTNOTS FIR(UDDD) AND BAKU FIR (UBBA). POTENTIAL RISK FROM ANTI-AVIATION WEAPONRY AND MIL OPS.

F3839/22

DESIGNATED PORTIONS WITHIN CZEG AIRSPACE ARE STRUCTURED FOR ONE WAY TFC AS FOLLOWS:
FL350 AND FL390 ARE STRUCTURED AND **AVBL** AS WESTBOUND CRUISING FL WITHIN AN AREA BOUNDED BY
7800N 09000W - 6930N 10700W - 6320N 08820W - 6442N 08000W -
6245N 08000W - 6500N 06800W - 6508N 06620W - 7445N 08930W
THENCE COUNTER CLOCKWISE ALONG THE CTA BOUNDARY TO 7800N 09000W
DAILY 1200-2200

F3530/22

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT IN RESPONSE TO THE SECURITY SITUATION IN NORTH KOREA. CANADIAN AIR OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN CANADA ARE ADVISED NOT TO ENTER THE PYONGYANG FIR (ZKKP), DUE TO POTENTIAL RISK TO AVIATION FROM BALLISTIC MISSILE LAUNCHES WITHOUT PRIOR NOTICE. THIS NOTAM SUPERSEDES THE RESTRICTIONS CONCERNING NORTH KOREA ISSUED IN AIC 16/22.

F3468/22

ALL ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECTLY OR INDIRECTLY OWNED, CHARTERED, LEASED, OPERATED OR OTHERWISE CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN FEDERATION OR OF BELARUS OR BY A CORPORATION OR ENTITY THAT IS INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION OR BELARUS, AND ALL OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE (AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BELARUSIAN AUTHORITIES ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL AIRSPACE (INCLUDING FLT WITHIN 12NM OF CANADA'S COASTS). EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INFLIGHT EMERG. ALL AUTH OBTAINED PRIOR TO 27 FEB 2022 FOR ACFT AND OPS SUBJECT TO THIS NOTAM ARE REVOKED.
HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER FLT SEEKING AN EXCEPTION TO THIS RESTRICTION MUST RECEIVE AUTH GRANTED AFTER 27 FEB 2022 FM THE MINISTER OF TRANSPORT TO OPERATE IN CANADA'S TERRITORIAL AIRSPACE. AFFECTED ACFT WISHING TO OBTAIN SUCH AN AUTH OR CLR INTO CANADA'S TERRITORIAL AIRSPACE MAY APPLY TO THE MINISTER OF TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAIL AT OPERATIONS.AVIATION(AT)TC.GC.CA.

+++++ RESTRICTED AIRSPACE +++++

L7617/22 VALID: 23-DEC-22 2030 - 23-DEC-22 2130

BLASTING ACT WILL TAKE PLACE WITHIN RADIUS 0.5NM CENTRE
565630N 1111954W (APRX 13NM N FORT MCMURRAY (WATER)(CES7)).
SFC TO 1000FT AGL
F) SFC G) 1000FT AGL

F4076/22

RESTRICTED AREA CYR222 COLD LAKE DEACTIVATED
F) 18000FT AMSL G) UNL

F4075/22

RESTRICTED AREA CYR221 COLD LAKE DEACTIVATED
F) 7000FT AMSL G) UNL

F4073/22

RESTRICTED AREA CYR204 COLD LAKE DEACTIVATED
F) FL290 G) UNL

**L6543/22**

BLASTING ACT WILL TAKE PLACE WITHIN 1NM RADIUS CENTRED ON 600724N
1323511W (APRX 6NM ESE TESLIN AD)
F) SFC G) 2000FT AGL

L6538/22

BLASTING ACT WILL TAKE PLACE WITHIN 5NM RADIUS CENTRED ON
653206N 1062712W (APRX 1580FT BEYOND THR 32 AND 3210FT SW RCL
GOOSE LAKE AD)
F) SFC G) 100FT AGL

L6061/22

AMEND PUBLICATIONS: BLASTING ACT WILL TAKE PLACE WITHIN 330FT
RADIUS CENTRED ON 702805N 0683144W (APRX 4910FT BFR THR 02 AND
620FT EAST EXTENDED RCL CLYDE RIVER AD)
SFC TO 98FT AGL
F) SFC G) 197FT AMSL

L5673/22

AMEND PUBLICATIONS: BLASTING ACT WILL TAKE PLACE
WITHIN 4NM RADIUS CENTRED ON 532325N 1172137W
(APRX 12NM ENE HINTON/ENTRANCE AD) .
SFC TO 2133FT AGL
F) SFC G) 6398FT AMSL

M1614/22

AMEND PUBLICATIONS: BLASTING ACT WILL TAKE PLACE WITHIN 0.87NM
RADIUS CENTERED ON
645137N 1103050W (APRX 10NM NNE EKATI AD) SFC TO 1000FT AGL
F) SFC G) 2514FT AMSL



+++++ ROUTE +++++

F4042/22

AMEND PUBLICATIONS: CZEG EDMONTON FIR: MANDATORY IFR ROUTES:

DELETE: CYBW H ARR FR E RNAV SHAWI Q874 BIRKO MADYN ARR
DELETE: CYBW H ARR FR E RNAV VESDO Q832 EBGAL ELBOW ARR
DELETE: CYBW H ARR FR E RNAV TOVUM Q842 EBGAL ELBOW ARR
DELETE: CYBW H ARR FR NE RNAV SHAWI Q874 BIRKO MADYN ARR
DELETE: CYBW H ARR FR S RNAV VESDO Q832 EBGAL ELBOW ARR
DELETE: CYBW H ARR FR S RNAV TOVUM Q842 EBGAL ELBOW ARR
DELETE: CYBW L DEP TO S RNAV DUMRA T638 ROPLA
DELETE: CYEG L ARR FR W RNAV ROMRA T789 ESKIE ESKIE ARR
DELETE: CYEG H ARR FR W RNAV ROMRA Q949 ESKIE ESKIE ARR
DELETE: CYEG L DEP TO S RNAV UKRAM T727 RIGAD DUMRA T638 MEKPI
DELETE: CYEG L DEP TO SE RNAV UKRAM T727 RIGAD DUMRA T638 MEKPI
DELETE: CYYC H ARR FR E JET RNAV BORIX BIRKO BIRKO ARR
DELETE: CYYC H ARR FR E JET RNAV SHAWI Q874 BIRKO BIRKO ARR
DELETE: CYYC H ARR FR E JET RNAV VESDO Q832 EBGAL EBGAL ARR
DELETE: CYYC H ARR FR E JET RNAV TOVUM Q842 EBGAL EBGAL ARR
DELETE: CYYC H ARR FR NE JET RNAV BORIX BIRKO BIRKO ARR
DELETE: CYYC H ARR FR NE JET RNAV SHAWI Q874 BIRKO BIRKO ARR
DELETE: CYYC H ARR FR S JET RNAV VESDO Q832 EBGAL EBGAL ARR
DELETE: CYYC H ARR FR S JET RNAV TOVUM Q842 EBGAL EBGAL ARR
DELETE: CYYC L DEP TO S RNAV DUMRA T638 ROPLA

PART 1 OF 3

F4042/22 NOTAMR F3739/22

Q) CZEG/QARXX/IV/BO/E/000/999/6930N10811W999

A) CZEG PART 2 OF 3 B) 2212161659 C) PERM

E)

ADD: CYBW H ARR FR E RNAV GUDOG PIKLA BIRKO MADYN ARR
ADD: CYBW H ARR FR E RNAV BEVEL MOBEK EBGAL ELBOW ARR
ADD: CYBW H ARR FR E RNAV COUTS MOBEK EBGAL ELBOW ARR
ADD: CYBW H ARR FR NE RNAV GUDOG PIKLA BIRKO MADYN ARR
ADD: CYBW H ARR FR S RNAV BEVEL MOBEK EBGAL ELBOW ARR
ADD: CYBW H ARR FR S RNAV COUTS MOBEK EBGAL ELBOW ARR
ADD: CYBW L DEP TO S RNAV DUMRA T620 MEKPI
ADD: CYEG L ARR FR W RNAV ROMRA T789 ELLKS)

PART 2 OF 3

F4042/22 NOTAMR F3739/22

Q) CZEG/QARXX/IV/BO/E/000/999/6930N10811W999

A) CZEG PART 3 OF 3 B) 2212161659 C) PERM

E)

ELLKS ARR

ADD: CYEG H ARR FR W RNAV ROMRA Q949 ELLKS ELLKS ARR
ADD: CYEG L DEP TO S RNAV UKRAM T727 RIGAD DUMRA T620 MEKPI
ADD: CYEG L DEP TO SE RNAV UKRAM T727 RIGAD DUMRA T620 MEKPI
ADD: CYYC H ARR FR E JET RNAV GUDOG PIKLA BIRKO ARR
ADD: CYYC H ARR FR E JET RNAV BEVEL MOBEK EBGAL ARR
ADD: CYYC H ARR FR E JET RNAV COUTS MOBEK EBGAL ARR
ADD: CYYC H ARR FR NE JET RNAV GUDOG PIKLA BIRKO ARR
ADD: CYYC H ARR FR S JET RNAV BEVEL MOBEK EBGAL ARR
ADD: CYYC H ARR FR S JET RNAV COUTS MOBEK EBGAL ARR
ADD: CYYC L DEP TO S RNAV DUMRA T620 MEKPI)

PART 3 OF 3

**F4041/22**

AMEND: PUBLICATIONS: CZEG EDMONTON FIR: MANDATORY IFR ROUTES:
DELETE: CYBW L DEP TO NE JET RNAV LOMLO TULOV
DELETE: CYBW H DEP TO NE JET RNAV LOMLO Q979 TULOV
DELETE: CYYC L DEP TO NE JET RNAV LOMLO TULOV
DELETE: CYYC H DEP TO NE JET RNAV LOMLO Q979 TULOV
ADD: CYBW H AND L DEP TO KBFI RNAV DUMRA MEKPI TWIGY DBLUS TEMPL
GLASR ARR
ADD: CYBW H AND L DEP TO KSEA RNAV DUMRA MEKPI TWIGY DBLUS TEMPL
GLASR ARR
ADD: CYBW L DEP TO NE JET RNAV LOMLO TULOV IMOTA
ADD: CYBW H DEP TO NE JET RNAV LOMLO Q979 TULOV IMOTA
ADD: CYYC H AND L DEP TO KBFI RNAV DUMRA MEKPI TWIGY DBLUS TEMPL
GLASR ARR
ADD: CYYC H AND L DEP TO KSEA RNAV DUMRA MEKPI TWIGY DBLUS TEMPL
GLASR ARR
ADD: CYYC L DEP TO NE JET RNAV LOMLO TULOV IMOTA
ADD: CYYC H DEP TO NE JET RNAV LOMLO Q979 TULOV IMOTA

PAZA ANCHORAGE FIR/UIR

Please see section EXTENDED AREA AROUND DEPARTURE

CZWG WINNIPEG FIR

+++++ FIR/UIR +++++

G2766/22

SECURITY - HAZARDOUS SITUATION IN ARMENIA AND AZERBAIJAN.
CANADIAN AIR OPR AND OWNERS OF ACFT REGISTERED IN CANADA ARE
ADVISED TO TAKE ALL POTENTIAL RISK INFO INTO ACCOUNT IN THEIR RISK
ASSESSMENT AND ROUTING DECISIONS WHEN OPR WITHIN YEREVAN ZVARTNOTS
FIR(UDDD) AND BAKU FIR (UBBA). POTENTIAL RISK FROM ANTI-AVIATION
WEAPONRY AND MIL OPS.

G2472/22

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT
IN RESPONSE TO THE SECURITY SITUATION IN NORTH KOREA. CANADIAN AIR
OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN CANADA ARE ADVISED
NOT TO ENTER THE PYONGYANG FIR (ZKKP), DUE TO POTENTIAL RISK TO
AVIATION FROM BALLISTIC MISSILE LAUNCHES WITHOUT PRIOR NOTICE.
THIS NOTAM SUPERSEDES THE RESTRICTIONS CONCERNING NORTH KOREA
ISSUED IN AIC 16/22.

**G2417/22**

ALL ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECTLY OR INDIRECTLY OWNED, CHARTERED, LEASED, OPERATED OR OTHERWISE CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN FEDERATION OR OF BELARUS OR BY A CORPORATION OR ENTITY THAT IS INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION OR BELARUS, AND ALL OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE (AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BELARUSIAN AUTHORITIES ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL AIRSPACE (INCLUDING FLT WITHIN 12NM OF CANADA'S COASTS). EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INFLIGHT EMERG. ALL AUTH OBTAINED PRIOR TO 27 FEB 2022 FOR ACFT AND OPS SUBJECT TO THIS NOTAM ARE REVOKED. HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER FLT SEEKING AN EXCEPTION TO THIS RESTRICTION MUST RECEIVE AUTH GRANTED AFTER 27 FEB 2022 FM THE MINISTER OF TRANSPORT TO OPERATE IN CANADA'S TERRITORIAL AIRSPACE. AFFECTED ACFT WISHING TO OBTAIN SUCH AN AUTH OR CLR INTO CANADA'S TERRITORIAL AIRSPACE MAY APPLY TO THE MINISTER OF TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAIL AT OPERATIONS.AVIATION(AT)TC.GC.CA.

+++++ WAYPOINT +++++

M3422/22

DAFOE **NDB** VX 368KHZ **U/S**

M3283/22

LANGRUTH **DME** VLR 112.2MHZ/CH59X UNMONITORED

+++++ RESTRICTED AIRSPACE +++++

F4076/22

RESTRICTED AREA CYR222 COLD LAKE DEACTIVATED

F) 18000FT AMSL G) UNL

M3075/22

BLASTING ACT WILL TAKE PLACE WITHIN 3NM RADIUS

CENTRED ON 494457N 0950628W (APRX 21NM SW MINAKI AD)

F) SFC G) 330FT AGL

M3027/22

BLASTING ACT WILL TAKE PLACE WITHIN

1NM RADIUS CENTRED ON 494352N 944048W

(APRX 7NM WSW KENORA (LAKE OF THE WOODS DISTRICT HOSPITAL) (HELI))

F) SFC G) 500FT AGL

M2886/22

BLASTING WILL TAKE PLACE WITHIN 1NM RADIUS CENTRED ON 544605N

1015307W (APRX 2.1NM WNW FLIN FLON/CHANNING (WATER))

F) SFC G) 1000FT AGL

+++++ ROUTE +++++

M3409/22

V133 BTN YQT TO INL MEA TO READ 8000 INSTEAD OF 6500

G2624/22

J525-596 BTN YSP AND YXL **NDB NOT SUITABLE FOR VOR NAV**



KZMP

MINNEAPOLIS FIR/UIR

+++++ FIR/UIR +++++

12/065 VALID: 23-DEC-22 1445 - 23-DEC-22 1900AIRSPACE SNOOPY WEST MOA ACT 6000FT UP TO BUT NOT
INCLUDING FL180**12/066 VALID: 23-DEC-22 1445 - 23-DEC-22 1900**AIRSPACE BEAVER MOA ACT 300FT UP TO BUT NOT
INCLUDING FL180**12/064 VALID: 23-DEC-22 1445 - 23-DEC-22 1900**AIRSPACE SNOOPY EAST MOA ACT 300FT UP TO BUT NOT
INCLUDING FL180**A0436/22**

ADS-B, AUTO DEPENDENT SURVEILLANCE

REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B) SERVICES MAY
NOT BE **AVBL** WI AN AREA DEFINED AS 123NM RADIUS OF 453344N1001716W.
AP AIRSPACE AFFECTED MAY INCLUDE ABR, MBG, PIR, ASY, 3W8, 6V5,
7L2, 84D. F) 3000FT G) 11000FT**A0380/22**ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
490006N1031009W (ISN019050.5) TO 490006N1003419W (MOT019052.8) TO
484431N0994112W (DVL314048.7) TO 461622N0995313W (BIS120043.5) TO
455241N1010227W (BIS184055.3) TO 460711N1031012W (DIK186047.4) TO
POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER
DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES,
SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG
NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF
COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS
DIRECTIVE 2021-23-13**A0382/22**ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 19.4NM
RADIUS OF 482607N0985445W (DVL353019.2) SFC-5000FT AGL. HEL OPS
REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS,
HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT**
A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13**A0381/22**ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
424639N0925933W (MCW136024.1) TO 414033N0932751W (DSM023016.5) TO
411033N0933512W (DSM163016.0) TO 405648N0933302W (LMN035028.3) TO
404736N0942130W (LMN297021.3) TO 414113N0942619W (DSM286038.5) TO
420806N0941318W (DSM322049.1) TO 422110N0945600W (SPW161050.0) TO
425138N0942939W (SPW115035.9) TO 432933N0931820W (MCW357023.9) TO
432314N0931010W (MCW016018.9) TO 432115N0925334W (MCW045024.7) TO
424527N0923026W (ALO338013.0) TO POINT OF ORIGIN SFC-5000FT AGL.
HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE
INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND
CAT A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

**A0383/22**

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 394148N0974018W (TKO093027.9) TO 401053N0972158W (TKO051046.9) TO 401119N0951014W (STJ313017.7) TO POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0384/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 18.9NM RADIUS OF 405324N0982249W (GRI201006.4) SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0385/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 454520N0860615W (ESC087041.3) TO 462513N0862658W (SAW088039.4) TO 464907N0855503W (SAW069067.0) TO 462433N0843601W (SSM273011.8) TO 455031N0833757W (SSM144044.5) TO 451608N0830358W (APN069023.6) TO 434743N0824506W (MBS077059.7) TO 433459N0845912W (MOP263011.1) TO 434055N0870119W (BAE056064.7) TO POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0388/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 450439N0951138W (DWN262031.4) TO 451024N0990104W (ABR235031.1) TO 463556N0983305W (JMS161020.7) TO 470326N0993512W (JMS278037.9) TO 475856N0993356W (DVL246027.4) TO 475831N0980604W (DVL097033.6) TO 471159N0971617W (FAR318031.9) TO 482439N0945509W (ROX126040.7) TO 462710N0901055W (IWD205005.3) TO 473027N0885642W (CMX319027.6) TO 471619N0872627W (CMX083043.0) TO 454920N0860744W (ESC081040.7) TO 452028N0865951W (ESC170023.2) TO 433938N0870836W (BAE054059.5) TO 435821N0873316W (OSH089043.3) TO 441252N0890340W (OSH300025.6) TO 440659N0901815W (DLL323041.2) TO 431007N0911620W (ODI168045.5) TO 432246N0931008W (MCW016018.5) TO POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0387/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 435550N0983509W (MHE287025.5) TO 440212N0973350W (MHE049025.8) TO 430429N0973234W (YKN321011.7) TO 430401N0981417W (YKN281038.5) TO POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

**A0386/22**

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
403524N0990249W (HSI261028.2) TO 402549N0985731W (HSI240026.3) TO
401646N0990304W (HSI229034.5) TO POINT OF ORIGIN SFC-5000FT AGL.
HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE
INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND
CAT A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0389/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
423858N0982538W (ONL037015.7) TO 424503N0974509W (YKN235019.1) TO
422100N0972730W (OFK349021.8) TO 423009N0955900W (SPW216052.5) TO
415854N0945611W (OVR028060.7) TO 410734N0944129W (LMN307045.7) TO
401850N0964934W (PWE279029.2) TO 411720N0974859W (OLU238023.5) TO
412927N0990133W (CUZ081029.8) TO 420034N0990110W (ONL198031.4) TO
420415N0990428W (ONL206029.5) TO 420052N0985153W (ONL186028.5) TO
420131N0981355W (ONL133033.5) TO POINT OF ORIGIN SFC-5000FT AGL.
HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE
INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND
CAT A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0390/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 17.8NM
RADIUS OF 442901N1002929W (PIR280015.1) SFC-5000FT AGL. HEL OPS
REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS,
HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT**
A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0391/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 61NM RADIUS
OF 434454N0960325W (FSD070032.0) SFC-5000FT AGL. HEL OPS REQUIRING
RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER
AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE
CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT USING APPROVED
ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE
PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0392/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 18.9NM
RADIUS OF 460155N0992349W (ABR304056.7) SFC-5000FT AGL. HEL OPS
REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS,
HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT**
A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0393/22

RDO ALTIMETER UNREL WI AN AREA DEFINED AS
490031N0975016W (GFK329068.4) TO 485929N0960325W (ROX295016.5) TO
473845N0963856W (GFK121028.5) TO 473037N0971928W (GFK183027.3) TO
481459N0975247W (GFK294033.0) TO POINT OF ORIGIN SFC-5000FT AGL.
HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE
INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND
CAT A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13
F) SEE TEXT G) SEE TEXT

A0371/22

SUN SAT 1300-0500
MINOT APP **CLSD** CTC MINNEAPOLIS ARTCC ON 127.6

**2/0127**

MT..ROUTE ZMP ZLC.

J70 LEWISTOWN (LWT) **VOR/DME**, MT TO DICKINSON (DIK) **VORTAC**, ND MEA 21000. LWT **VOR/DME** RESTRICTION.**A0264/22**

ROUTE ZMP ZLC.

J70 LEWISTOWN (LWT) **VOR/DME**, MT TO DICKINSON (DIK) **VORTAC**, ND MEA 21000.LWT **VOR/DME** RESTRICTION.**A0242/22**V2 ALEXANDRIA (AXN) **VOR/DME**, MN TO TLBAT, MN MEA 6000.**A0239/22**V71 HOT SPRINGS (HOT) **VOR/DME**, AR TO SPARO, AR MEA 5000.**A0227/22**

V218, V505 SQUEAK, MN MCA 10000 NORTHBOUND.

INL **VOR** R-176 RESTRICTIONS.**08/211**

AIRSPACE UAS WI AN AREA DEFINED AS 480829N0971609W

(9.6NM SE D06) TO 480836N0972327W (9.5NM S D06) TO 480736N0972917W

(10.3NM SSW D06) TO 480514N0973522W (14.4NM SW D06) TO

481610N0995042W (9.8NM SE RUG) TO 483200N0994600W (8.3NM SE 2H9)

TO 484600N0993600W (6.3NM S 06D) TO 485336N0992513W (7.4NM E 06D)

TO 485439N0971530W (1.7NM S PMB) TO POINT OF ORIGIN SFC-FL280

08/202

AIRSPACE UAS WI AN AREA DEFINED AS 485439N0971530W

(2NM S PMB) TO 484942N0964014W (10NM NE HCO) TO 483722N0961709W

(10NM NE 23D) TO 482554N0960458W (18.6NM NW 3G2) TO

480627N0955538W (10NM ENE TVF) TO 475746N0971617W (3.5NM W GFK) TO

POINT OF ORIGIN 11000FT-FL180

A0218/22

ROUTE ZMP.

V78 WATERTOWN (ATY) **VORTAC**, SD TO CLAPS INT, MN MOCA 3600.**A0186/22**

ROUTE ZMP.

V71 BAYAF INT, SD TO COP MEA 6000.

PIR **VORTAC** MEA INCREASE SIGNAL STRENGTH.**A0170/22**

ROUTE ZMP.

V171 ROLAG, MN TO APRIW, MN NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

AXN **VOR/DME** R-314 **UNUSABLE** BEYOND 48 NM.**A0157/22**V413 IRONWOOD (IWD) **VOR/DME**, MI TO EAU CLAIRE (EAU) **VORTAC**, WI

CHANGE CHANGE-OVER POINT TO READ 45 NM FROM IWD AND 68 NM FROM EAU.

06/089

AIRSPACE PJE WI AN AREA DEFINED AS 2NM RADIUS OF

90IA SFC-14000FT

A0045/22

ZMP.

V510 ALEXANDRIA (AXN) **VOR/DME**, MN TO SIYON, MN DUAL MEA 6500

EASTBOUND, 5000 WESTBOUND; SIYON, MN TO DAYLE, MN MEA 6500; CHANGE

DAYLE MCA TO READ V510 6500W.

A0007/22V129 EAU CLAIRE (EAU) **VORTAC**, WI R-176 TO NODINE (ODI) **VORTAC**, MN MEA 4700.EAU **VORTAC** R-176 **UNUSABLE** BELOW 4700.**A0006/22**

ROUTE ZMP.

V129 EAU CLAIRE (EAU) **VORTAC**, WI R-341 TO COP MEA 6000.EAU **VORTAC** R-341 **UNUSABLE** BEYOND 40 NM BELOW 6000.

**A0004/22**

ROUTE ZMP.

V26 EAU CLAIRE (EAU) **VORTAC**, WI R-088 FROM 40 NM TO COP MEA 7500.
EAU **VORTAC** R-088 **UNUSABLE** BEYOND 40 NM BELOW 7500.**A0169/21**V561 JAMESTOWN (JMS) **VOR/DME**, ND TO PIERRE (PIR) **VORTAC**, SD MOCA 3800.**A0159/21**

ROUTE ZMP ZKC.

V532 SALINA (SLN) **VORTAC**, KS TO LINCOLN (LNK) **VORTAC**, NE MOCA 3100.**A0137/21**

ROUTE ZMP.

V505 ALMAY, MN TO PRAGS, MN MOCA 2800.

A0136/21

..ROUTE ZMP.

V505 GUMBO, IA TO FORT DODGE (FOD) **VORTAC**, IA MEA 3100.**A0116/21**

ROUTE ZMP.

V172 WUNOT, IA TO LINDE, IA MOCA 3900.

A0016/21V561 PIERRE (PIR) **VORTAC**, SD TO JAMESTOWN (JMS) **VOR/DME**, ND MOCA 3500.**A0005/21**V551 SALINA (SLN) **VORTAC**, KS TO MANKATO (TKO) **VORTAC**, KS MEA 6000.**KZOB****CLEVELAND FIR/UIR**

+++++ FIR/UIR +++++

A0248/22ZOB AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 24NM RADIUS OF 432038N0851002W. AP AIRSPACE AFFECTED MAY
INCLUDE 6D6, 13C. F) SFC G) 1000FT**A0229/22**RDO ALTIMETER UNREL WI CLEVELAND ARTCC AIRSPACE
SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE
OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT
MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED
EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE
TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE
2021-23-13 AND DOMESTIC NOTICE
F) SFC G) 5000FT**A0209/22**V252 GENESEO (GEE) **VOR/DME**, NY TO GIBBE, NY MEA 4500.**A0178/22**

ROUTE ZOB ZAU.

V6 GIPPER (GIJ) **VORTAC**, MI R-092 TO MODEM, IN MEA 5000.**A0079/21**

ROUTE ZOB.

V103 ATWOO INT, OH TO AKRON (ACO) **VOR/DME**, OH MEA 3100.**A0053/21**

ROUTE ZOB.

V117 BELLAIRE (AIR) **VOR/DME**, OH R-051 TO WISKE INT, WV NA EXCEPT
FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
BSV **VOR** R-140 **UNUSABLE** AT WISKE INT.

**A0023/21**

ZOB WV..ROUTE ZOB ZDC.

V44 KEYER, WV CROSS KEYER AT 6000 WHEN USING **DME** FROM MGW **VORTAC** EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.MGW **VORTAC DME UNUSABLE** BELOW 6000 AT KEYER.**A0013/21**

ZOB WV..ROUTE ZOB ZDC.

V44 MORGANTOWN (MGW) **VOR/DME**, WV TO KEYER, WV MEA 5400.**CZYZ****TORONTO FIR**

+++++ FIR/UIR +++++

G2836/22

LASER LGT OPS DISPLAY WILL TAKE PLACE

421637N 0830527W (APRX 6NM W CYQG AD) ,

GREEN LGT PROJECTED VERTICALLY,

POTENTIAL TO CREATE TEMPO EFFECTS TO VISION.

COCKPIT ILLUMINATION MAY OCCUR BEYOND THIS DIST

G2766/22

SECURITY - HAZARDOUS SITUATION IN ARMENIA AND AZERBAIJAN.

CANADIAN AIR OPR AND OWNERS OF ACFT REGISTERED IN CANADA ARE

ADVISED TO TAKE ALL POTENTIAL RISK INFO INTO ACCOUNT IN THEIR RISK ASSESSMENT AND ROUTING DECISIONS WHEN OPR WITHIN YEREVAN ZVARTNOTS

FIR(UDDD) AND BAKU FIR (UBBA). POTENTIAL RISK FROM ANTI-AVIATION

WEAPONRY AND MIL OPS.

G2472/22

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT

IN RESPONSE TO THE SECURITY SITUATION IN NORTH KOREA. CANADIAN AIR

OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN CANADA ARE ADVISED

NOT TO ENTER THE PYONGYANG FIR (ZKKP), DUE TO POTENTIAL RISK TO

AVIATION FROM BALLISTIC MISSILE LAUNCHES WITHOUT PRIOR NOTICE.

THIS NOTAM SUPERSEDES THE RESTRICTIONS CONCERNING NORTH KOREA

ISSUED IN AIC 16/22.

G2417/22

ALL ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECTLY OR

INDIRECTLY OWNED, CHARTERED, LEASED, OPERATED OR OTHERWISE

CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN

FEDERATION OR OF BELARUS OR BY A CORPORATION OR ENTITY THAT IS

INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION OR

BELARUS, AND ALL OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE

(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BELARUSIAN AUTHORITIES

ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL

AIRSPACE (INCLUDING FLT WITHIN 12NM OF CANADA'S COASTS).

EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INFLIGHT EMERG.

ALL AUTH OBTAINED PRIOR TO 27 FEB 2022 FOR ACFT AND OPS SUBJECT TO THIS NOTAM ARE REVOKED.

HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER FLT SEEKING AN EXCEPTION

TO THIS RESTRICTION MUST RECEIVE AUTH GRANTED AFTER 27 FEB 2022 FM

THE MINISTER OF TRANSPORT TO OPERATE IN CANADA'S TERRITORIAL

AIRSPACE. AFFECTED ACFT WISHING TO OBTAIN SUCH AN AUTH OR CLR

INTO CANADA'S TERRITORIAL AIRSPACE MAY APPLY TO THE MINISTER OF

TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAIL AT

OPERATIONS.AVIATION(AT)TC.GC.CA.

+++++ WAYPOINT +++++

M3411/22MANS **DME** YMS 114.5MHZ/CH92X UNMONITORED



+++++ RESTRICTED AIRSPACE +++++

G2778/22

MODEL ACFT ACT WILL TAKE PLACE WITHIN
RADIUS 1NM CENTRE 430556N 795644W
(APRX 4NM SSW HAMILTON **AD** (CYHM)) SR-SS
F) SFC G) 700FT AGL

M3167/22

BLASTING ACT WILL TAKE PLACE WITHIN
RADIUS 4NM CENTRED ON 481738N 842721W
(APRX 13NM NNE HAWK JUNCTION (WATER)AD)
SFC TO 4950FT AGL
F) SFC G) 6350FT AMSL

+++++ ROUTE +++++

G2693/22

AMEND PUBLICATIONS: MANDATORY IFR ROUTES: LOCATION TO LOCATION:
DELETE: CYOW H AND L DEP TO CYTZ RNAV APLOV LORKA ILIXU ARR
ADD: CYOW H AND L DEP TO CYTZ FL220 RNAV APLOV LORKA ILIXU ARR

KZNY NEW YORK FIR/UIR

Please see section EXTENDED AREA AROUND DESTINATION



[Company NOTAM]

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CREW ALERT

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SB007/14

SUBJECT: AUTO COST INDEXES

WHEN PLANNING A COST INDEX, 2 OPTIONS ARE AVAILABLE. PILOTS MAY EITHER SELECT A SPECIFIC COST INDEX NUMBER FROM THE LIST, OR THEY MAY SELECT "AUTO". WHEN PLANNING AN "AUTO" COST INDEX, THE SYSTEM WILL REFERENCE THE SCHEDULED "TIME ENROUTE" OPTION AND ATTEMPT TO CHOOSE A COST INDEX WHICH CLOSELY MATCHES THIS VALUE. NOTE THAT THE "TIME ENROUTE" OPTION IS MEANT AS A GATE TO GATE TIME (AS INDICATED ON AN AIRLINE'S FLIGHT SCHEDULE, FOR EXAMPLE). IF A "TIME ENROUTE" OF 2:30 IS SELECTED, THE SYSTEM WILL SUBTRACT THE TAXI TIMES FROM THIS VALUE TO DETERMINE THE SCHEDULED AIR TIME. IT WILL THEN DETERMINE AND USE THE COST INDEX WHICH MATCHES THIS AIR TIME.

SB003/13

SUBJECT: FLIGHT RELEASE UNITS

ALL FLIGHT CREW: PLEASE PAY SPECIAL ATTENTION TO THE UNITS SELECTION WHEN GENERATING A FLIGHT PLAN. FAILURE TO IDENTIFY THE CORRECT UNITS WHEN REFUELING PRIOR TO FLIGHT CAN RESULT IN DEPARTING WITH INSUFFICIENT FUEL AND/OR AN ERRONEOUS PAYLOAD.

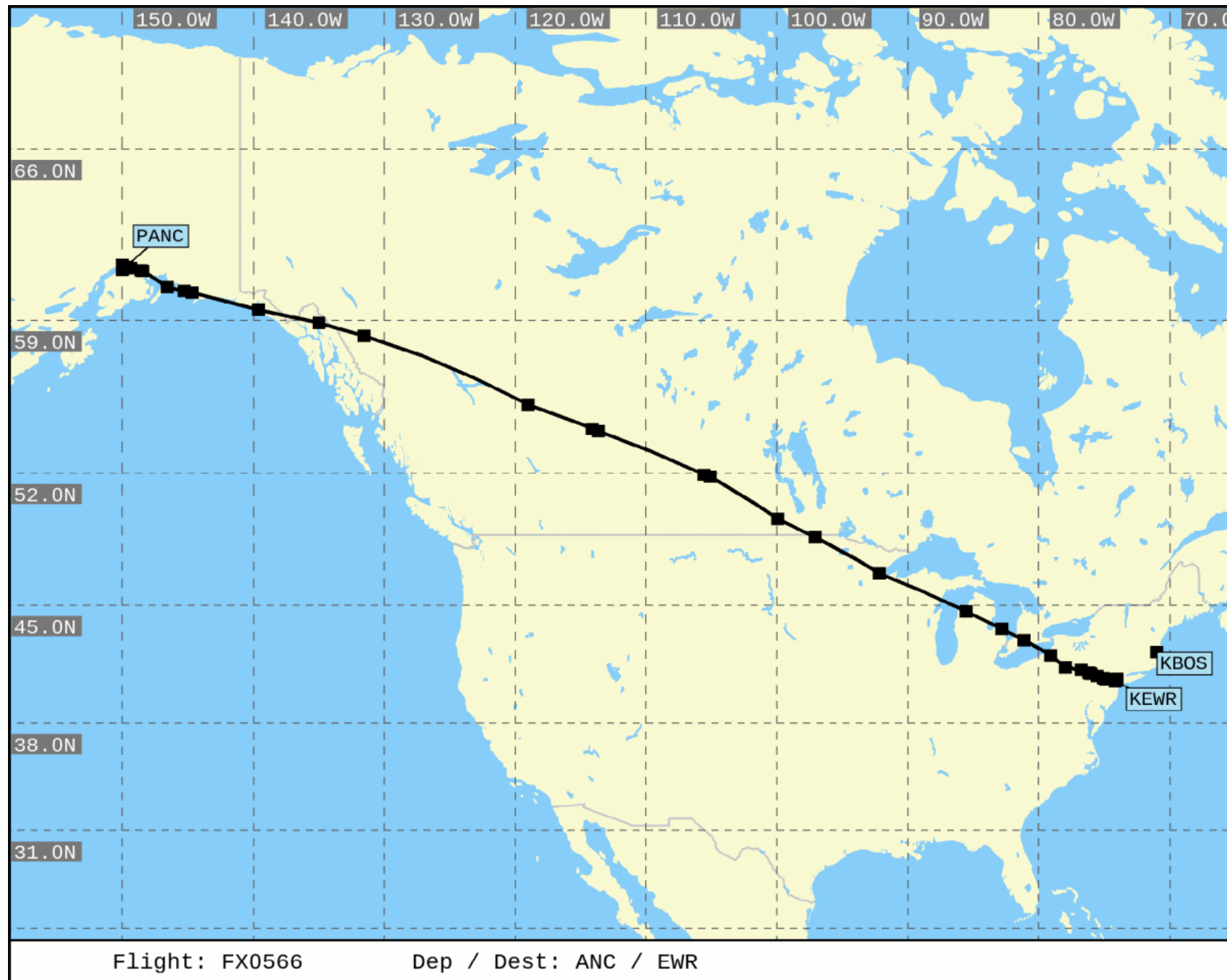
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CREW BULLETIN

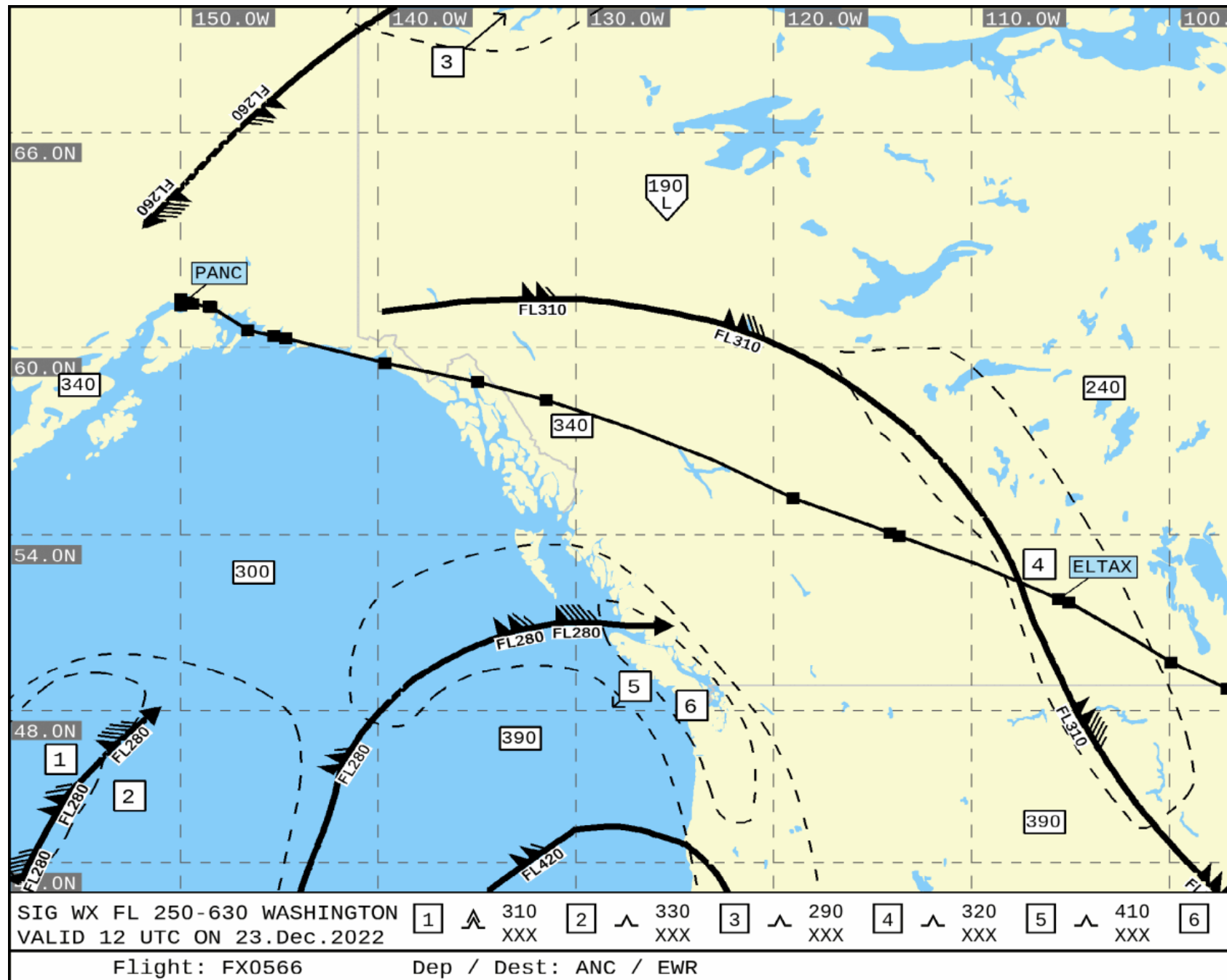
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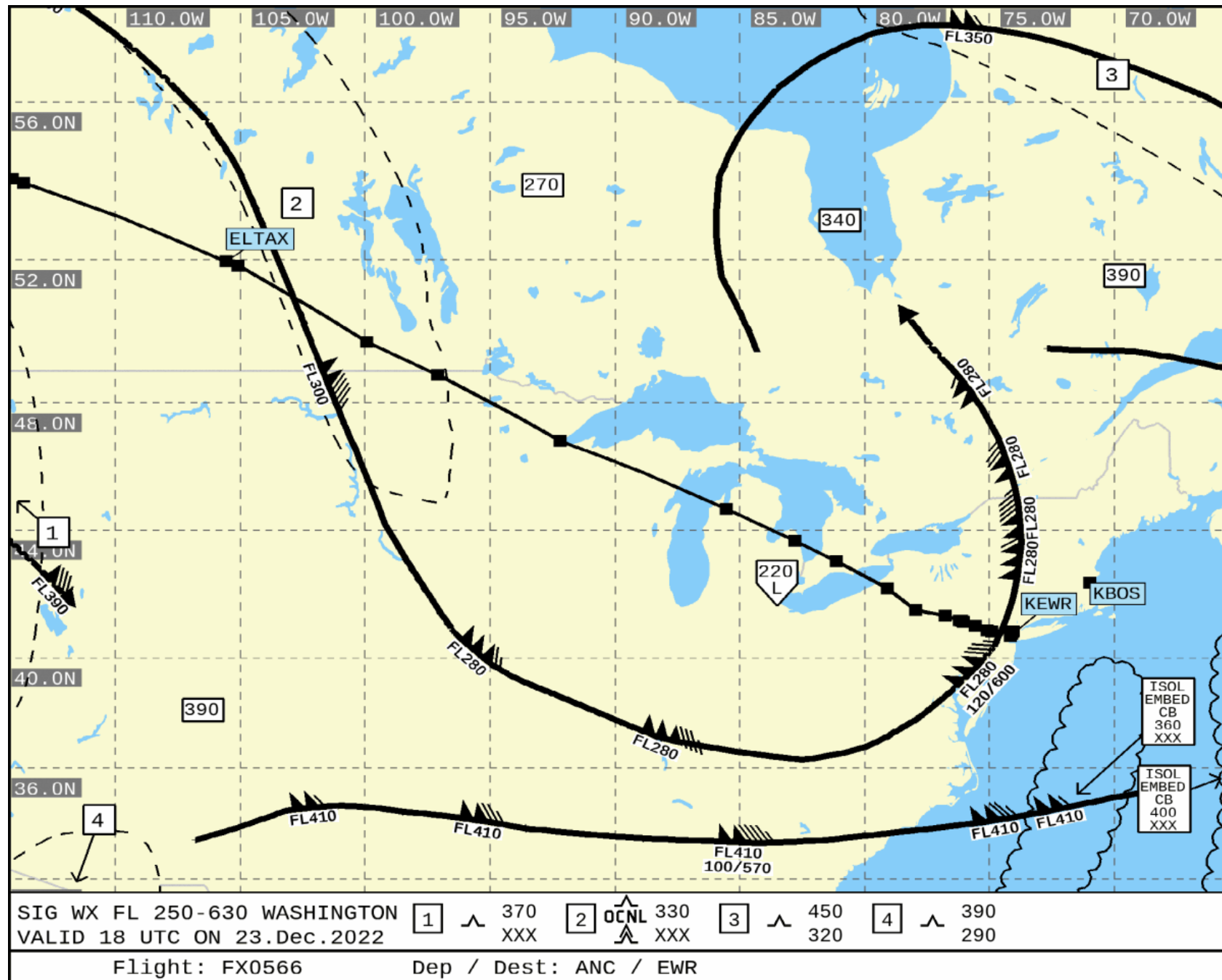
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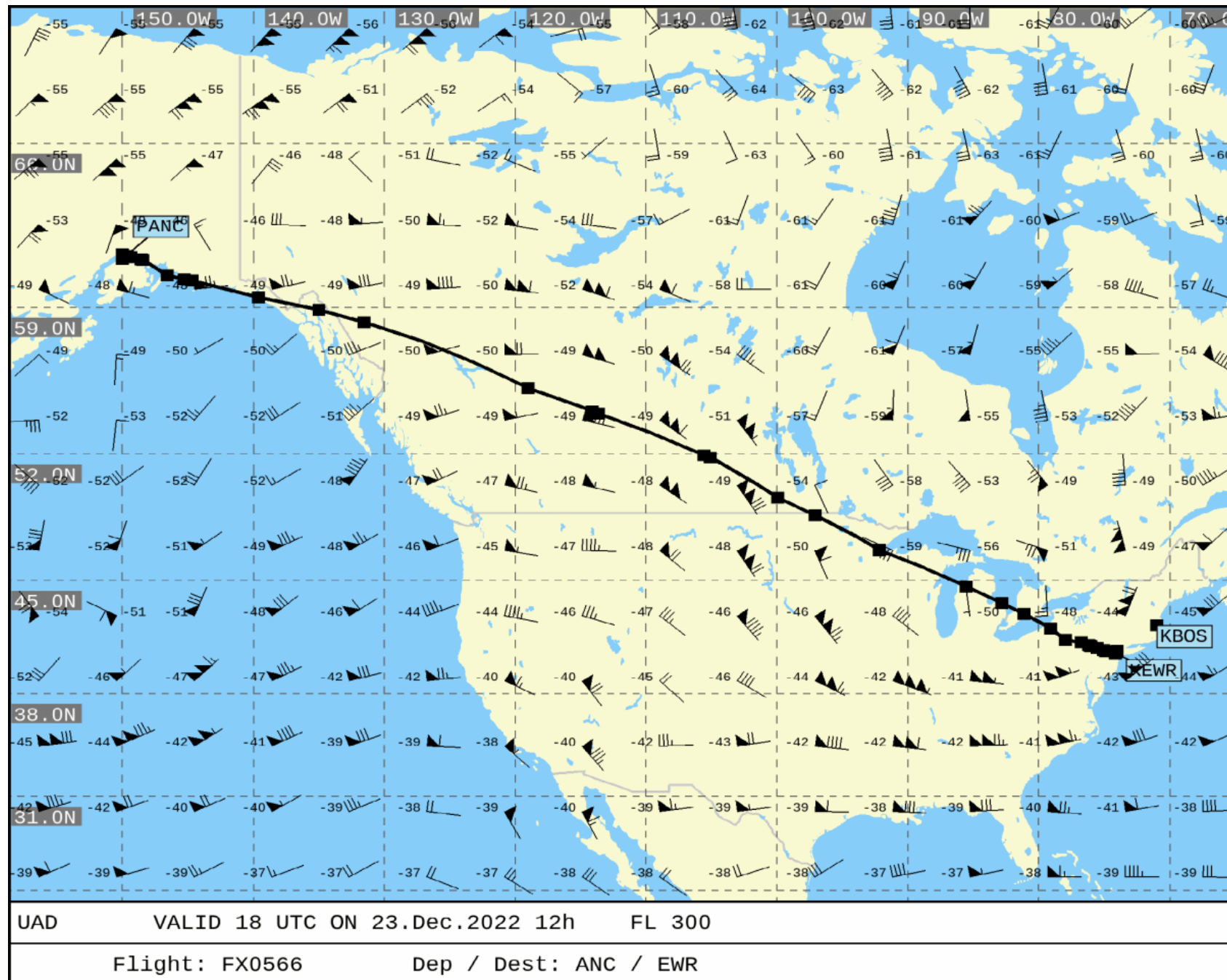


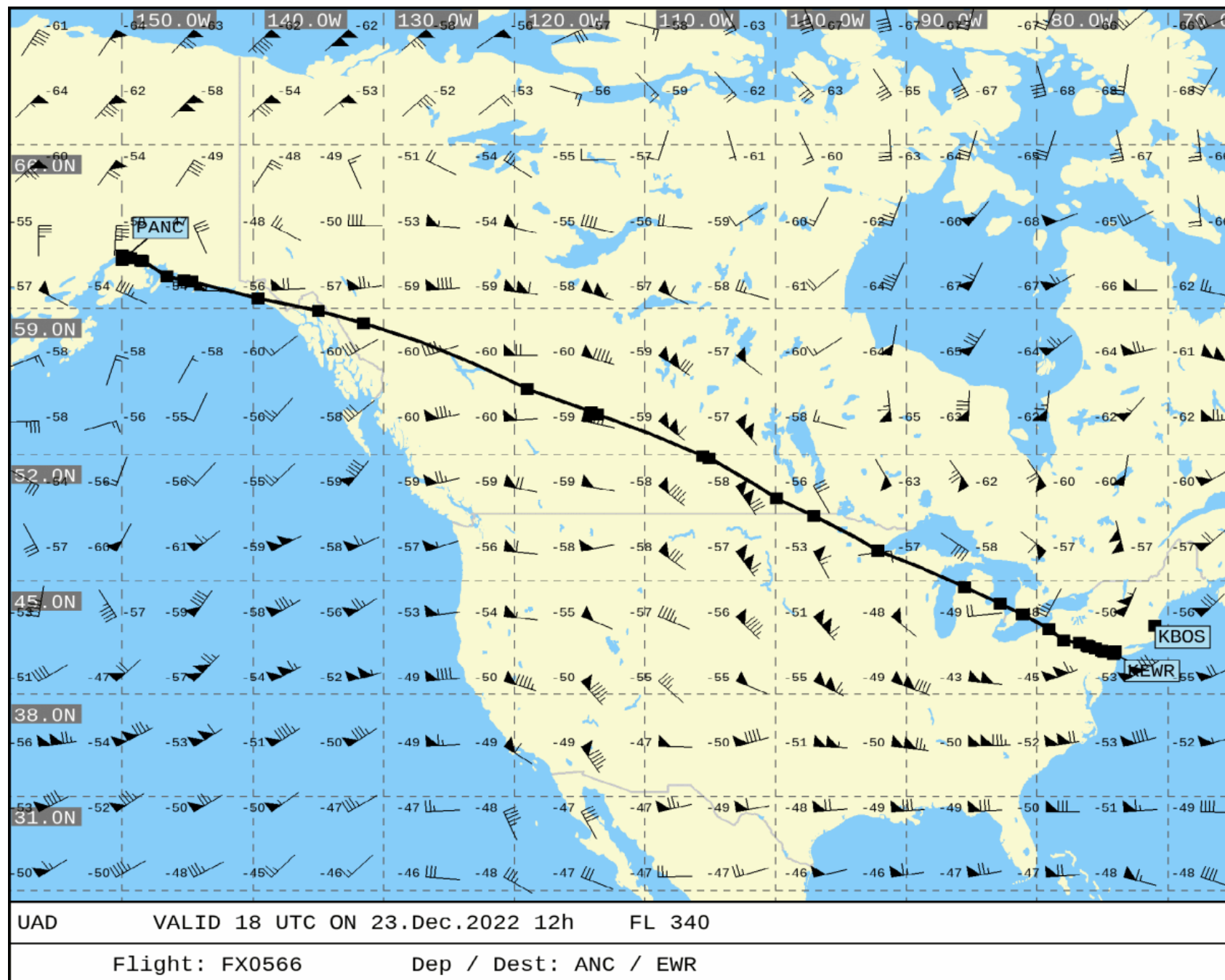
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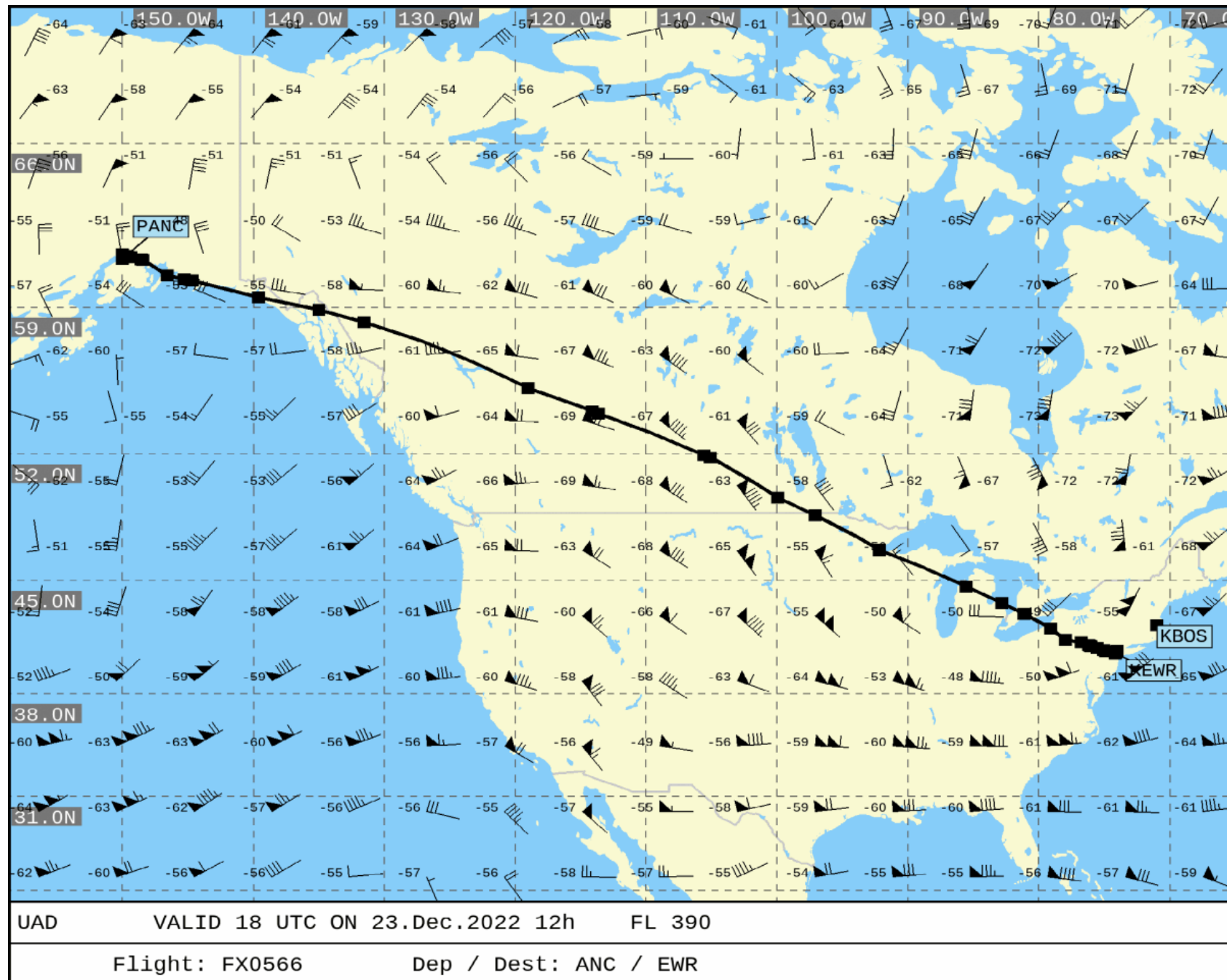


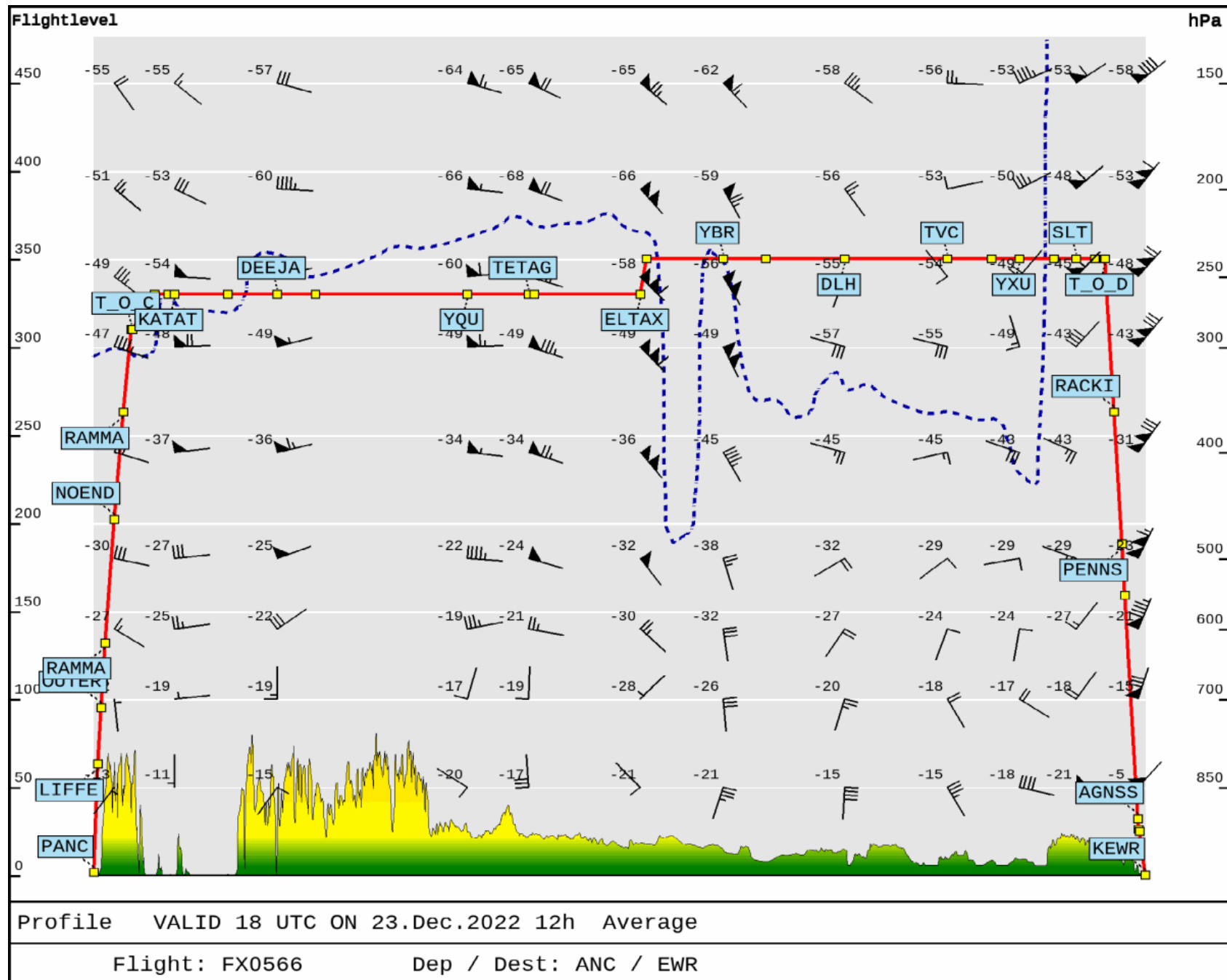


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