



[OFF]

FX0184 09JAN2023 EGSS-KMEM DC10 N321FE RELEASE 1813 09JAN23
OFF 1 STANSTED-MEMPHIS INTL
WX PROG 0918 0921 1000 1003 1006 OBS 0912 0912 0912 0912 0912

ATC C/S FX184 EGSS/STN KMEM/MEM CRZ SYS M.82
09JAN2023 N321FE 1830/1850 0402/0410 GND DIST 3899
DC10F / CF6-50C2 STA 0425 AIR DIST 4254
CTOT:.... G/C DIST 3798

AVG WIND 275/044
MAXIMUM TOW 555000 LAW 411000 ZFW 391000 AVG W/C M039
ESTIMATED TOW 549868 LAW 374105 ZFW 330980 AVG ISA M004
AVG FF LB/HR 19084
FUEL BIAS P00.0
TKOF ALTN

ALTN KSTL
FL STEPS EGSS/0300/PIKIL/0310/LOMSI/0340/EWC/0360

*** ETOPS/ETP FLIGHT ***

DISP RMKS NIL

PLANNED FUEL

FUEL ARPT FUEL TIME

TRIP MEM 175763 0912
CONT 5% 8788 0028
ALTN STL 12720 0043
FINRES 14760 0100
ETOPS/ETP 0 0000

MINIMUM T/OFF FUEL 212031 1124

EXTRA 6857 0020

T/OFF FUEL 218888 1144
TAXI STN 6000 0020

BLOCK FUEL STN 224888
PIC EXTRA
TOTAL FUEL
REASON FOR PIC EXTRA

FMC INFO:
FINRES+ALTN 27480
TRIP+TAXI 181763

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: JUSTIN IRWIN

PIC NAME: B, DAVID

TEL: +1 800 555 0199

PIC SIGNATURE:



ALTERNATE ROUTE TO: FINRES 14760
APT TRK DST VIA FL WC TIME FUEL

KSTL/12L 355 223 SELPH7 OHULO DCT BOOSH BOOSH3 260 P000 0043 12720

MEL/CDL ITEMS DESCRIPTION

ROUTING:

ROUTE ID: DEF RTE
EGSS/22 UTAVA1R UTAVA Q75 BUZAD T420 TNT UL28 RODOL UM65 TENSO L603
BELOX DCT APSOV DCT PIKIL NATE LOMSI N520A YRI DCT YUL DCT SYR DCT
EWC DCT FLM DCT BWG BLUZZ3 KMEM/36L

DEPARTURE ATC CLEARANCE:
.
.
.

OPERATIONAL IMPACTS

WEIGHT CHANGE UP 1.0	TRIP P 0321 LBS	TIME P 0000
WEIGHT CHANGE DN 1.0	TRIP M 0371 LBS	TIME P 0000
FL CHANGE UP FL1	NOT AVAILABLE	
FL CHANGE DN FL1	TRIP P 0359 LBS	TIME M 0004
FL CHANGE DN FL2	TRIP P 0190 LBS	TIME M 0011
SPD CHANGE CI 0	NOT AVAILABLE	
SPD CHANGE CI 400	NOT AVAILABLE	

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

STBY:

RIGHT:

-----TIMES

	ESTIMATED	SKED	ACTUAL
OUT	1830Z/1830L	1830Z/1830L	.....Z
OFF	1850Z/1850L	1850Z/1850L	.....Z
ON	0402Z/2202L	0417Z/2217L	.....Z
IN	0410Z/2210L	0425Z/2225L	.....Z
BLOCK TIME	0940	0955	.....

-----WEIGHTS

	EST	MAX	ACTUAL	
PAX	256		.....
CARGO	14.1		.....
PAYLOAD	58.9		.....
ZFW	331.0	391.0	.....
FUEL	224.9	230.0	.....	POSS EXTRA 5.1
TOW	549.9	555.0	TOW.....	
STAB TRIM			.....
LAW	374.1	411.0	.....

-----TERRAIN CLEARANCE CHECK

DD CHECK - TERRAIN CLEARANCE CHECK DISABLED

DP CHECK - TERRAIN CLEARANCE CHECK DISABLED



FLIGHT LOG

MOST CRITICAL MORA 05600 FEET AT YRI///MXSHR 05 AT APSOV

OCEANIC CLEARANCE:

PIKIL 57N020W 58N030W 57N040W 55N050W LOMSI FL310 .82

MAX OCEANIC ENTRY FL320

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
STANSTED EGSS	N5153.1 E00014.1	...	...	23	222 223 3899		M019		218.8	6.0
UTAVA1R ISX223003 D223C	N5150.3 E00009.9	0001 0001	...	024 23 4	296 296 3895	.39	283/035 M019	01 M09 369	217.9	7.0
UTAVA1R BKY170008 D170H	N5151.5 E00006.0	0000 0001	...	039 24 3	350 350 3892	.40	293/038 M038	M02 M09 369	217.1	7.7
UTAVA1R BKY170005 D170E	N5154.5 E00005.1	0001 0002	...	052 24 3	350 350 3889	.41	298/039 M026	M05 M10 369	216.4	8.5
UTAVA1R BKY170002 D170B	N5157.4 E00004.3	0001 0003	...	066 26 3	284 284 3886	.42	299/036 M024	M07 M09 369	215.7	9.2
UTAVA1R UTAVA UTAVA	N5158.8 W00004.3	0001 0004	...	086 26 5	263 262 3881	.44	301/033 M032	M11 M09 369	214.5	10.3
Q75 BUZAD BUZAD	N5156.5 W00033.1	0003 0007	...	150 25 18	329 328 3863	.64	309/037 M026	M25 M10 337	211.8	13.1
T420 OLNEY OLNEY	N5207.7 W00044.1	0002 0009	...	189 23 13	329 328 3850	.69	311/040 M038	M33 M10 337	209.9	14.9
T420 WELIN WELIN	N5214.8 W00051.1	0001 0010	...	210 26 8	329 328 3842	.72	313/044 M043	M38 M11 337	208.8	16.1
T420 AKUPA AKUPA	N5229.2 W00105.5	0003 0013	...	253 25 17	329 328 3825	.80	317/082 M081	M44 M08 337	206.4	18.5
T420 TIMPO TIMPO	N5233.5 W00109.8	0001 0014	...	266 29 5	329 328 3820	.82	314/078 M076	M46 M08 329	205.7	19.2



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
T420 ELVOS ELVOS	N5242.0 W00118.4	0001 0015	... ...	288 30 10	329 328 3810	.82 314/095 385	M093	M49 M06 329	204.3	20.6
T420 T O C	N5247.1 W00123.6	0001 0016	... ...	300 31 6	329 328 3804	.82 315/105 476 373	M103 3	M51 M06 329	203.4	21.4
T420 TRENT TNT 115.70	N5303.2 W00140.2	0003 0019	... ...	300 37 19	328 328 3785	.82 320/139 476 338	M138 2	M51 M06 369	202.2	22.7
UL28 RODOL RODOL	N5314.3 W00151.7	0003 0022	... ...	300 42 13	331 330 3772	.82 320/139 476 338	M138 1	M51 M06 369	201.3	23.5
UM65 TENSO TENSO	N5336.0 W00212.5	0004 0026	... ...	300 36 25	292 291 3747	.82 318/109 476 369	M107 3	M51 M06 351	199.9	25.0
L603 BELOX BELOX	N5353.3 W00329.4	0008 0034	... ...	300 41 49	301 299 3698	.82 316/139 476 346	M130 3	M51 M06 342	196.8	28.1
SCOTTISH FIR/UIR -EGPX	N5429.0 W00530.0	0012 0046	... ...	73	3625					
SHANNON FIR/UIR -EISN	N5501.7 W00720.0	0012 0058	... ...	72	3553					
SCOTTISH FIR/UIR -EGPX	N5518.6 W00816.8	0006 0104	... ...	37	3516					
DCT APSOV APSOV	N5549.4 W01000.0	0012 0116	... ...	300 20 71	280 275 3445	.82 302/116 477 361	M116 5	M50 M05 357	181.5	43.3
SHANWICK OCEANIC FIR -EGGX	N5549.3 W01000.0	0000 0116	... ...	0	3445					
DCT PIKIL PIKIL	N5600.0 W01500.0	0027 0143	... ...	300 20 169	298 291 3276	.82 274/089 477 388	M089 4	M50 M05 375	172.3	52.5
ETOPS ENTRY	N5659.1 W01954.7	0025 0208	... ...	310 20 173	294 284 3103	.82 249/087 474 406	M068 3	M53 M06 371	163.6	61.2



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
E				310	294	.82	249/087	M53	163.5	61.4
57N020W	N5700.0	0001	...	20	284	474	M068	M06		
57N020W	W02000.0	0209	...	3	3100	406	3	371	....	....
E				310	278	.82	214/060	M54	148.8	76.0
58N030W	N5800.0	0043	...	20	263	473	M024	M07		
58N030W	W03000.0	0252	...	328	2772	449	5	332	....	....
GANDER FIR/UIR										
-CZQX	N5759.7	0000	...							
	W03000.0	0252	...	0	2772					
ETP1	N5757.0	0003	...	310	272	.82	137/024	M55	147.8	77.1
	W03048.0	0255	...	20	254	472	P014	M08		
				26	2746	486	3	297	....	....
E				310	272	.82	137/024	M55	135.7	89.1
57N040W	N5700.0	0038	...	20	254	472	P014	M08		
57N040W	W04000.0	0333	...	302	2444	486	3	297	....	....
ETOPS	N5515.3	0040	...	310	267	.82	177/017	M55	122.9	102.0
EXIT	W04858.2	0413	...	32	247	472	M004	M08		
				318	2126	468	3	285	....	....
E				310	267	.82	177/017	M55	121.3	103.5
55N050W	N5500.0	0005	...	32	247	472	M004	M08		
55N050W	W05000.0	0418	...	38	2088	468	3	285	....	....
E				310	262	.82	259/038	M49	110.1	114.7
LOMSI	N5306.0	0037	...	45	241	478	M037	M02		
LOMSI	W05647.0	0455	...	265	1823	441	3	269	....	....
MONTREAL FIR										
-CZUL	N5051.2	0033	...							
	W06209.0	0528	...	243	1580					
N520A				340	253	.82	266/048	M53	86.4	138.5
RIVIERE DU	N4745.4	0048	...	56	236	474	M044	P00		
YRI	W06935.3	0616	...	341	1239	430	1	281	....	....
113.90										
DCT				340	228	.82	286/050	M54	78.0	146.8
MONTREAL	N4536.9	0030	...	41	213	473	M034	M01		
YUL	W07358.3	0646	...	222	1017	439	4	299	....	....
116.30										
BOSTON FIR/UIR										
-KZBW	N4500.2	0005	...							
	W07431.7	0651	...	40	977					
DCT				340	245	.82	303/060	M58	72.0	152.9
SYRACUSE	N4309.6	0018	...	47	233	469	M004	M05		
SYR	W07612.3	0709	...	136	841	465	2	321	....	....
117.00										



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										

CLEVELAND FIR/UIR										
-KZOB	N4253.3	0003	...							
	W07640.1	0712	...	25	816					
DCT				340	246	.82	307/064	M61	64.0	160.9
ELLWOOD CIT	N4049.5	0028	...	34	236	465	M022	M08		
EWC	W08012.7	0740	...	202	614	443	1	343	....	....
115.80										
INDIANAPOLIS FIR/UIR										
-KZID	N4004.9	0010	...							
	W08136.6	0750	...	77	537					
DCT				360	231	.82	288/056	M60	56.0	168.9
FALMOUTH	N3839.0	0022	...	31	225	467	M037	M03		
FLM	W08418.6	0812	...	153	384	430	1	350	....	....
117.00										
MEMPHIS FIR/UIR										
-KZME	N3714.2	0016	...							
	W08603.6	0828	...	112	272					
DCT				360	246	.82	274/055	M58	51.0	173.8
BOWLING GRE	N3655.7	0004	...	29	241	469	M038	M01		
BWG	W08626.6	0832	...	33	239	431	2	344	....	....
117.90										
BLUZZ3				360	244	.82	276/053	M56	48.5	176.4
HARET	N3619.3	0011	...	28	240	471	M044	P01		
HARET	W08748.1	0843	...	75	164	427	3	367	....	....
BLUZZ3				360	243	.82	277/053	M56	47.5	177.4
AXXEL	N3604.4	0004	...	26	240	471	M043	P01		
AXXEL	W08820.3	0847	...	30	134	428	3	368	....	....
BLUZZ3				360	242	.82	279/053	M56	47.1	177.7
T O D	N3559.5	0001	...	26	240	471	M042	P01		
	W08831.0	0848	...	10	124	429	2	366	....	....
BLUZZ3				269	229	.82	282/036	M41	46.6	178.3
SPKER	N3543.8	0004	...	25	226		M027	M02		
SPKER	W08904.2	0852	...	31	93	460		366	....	....
BLUZZ3				236	228	.77	266/038	M33	46.3	178.5
BLUZZ	N3536.1	0002	...	24	226		M030	M01		
BLUZZ	W08914.2	0854	...	11	82	435		367	....	....
BLUZZ3				212	228	.73	267/035	M27	46.2	178.7
LTOWN	N3530.7	0001	...	25	226		M027	P00		
LTOWN	W08921.1	0855	...	8	74	420		367	....	....
BLUZZ3				165	228	.66	275/029	M15	45.8	179.0
DAPLE	N3519.6	0002	...	24	226		M020	P03		
DAPLE	W08935.3	0857	...	16	58	396		396	....	....



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
BLUZZ3				150	228	.64	273/027	M12	45.7	179.1
MRCEL	N3516.2	0001	...	24	226		M019	P03		
MRCEL	W08939.7	0858	...	5	53	387		396	....	....
BLUZZ3				124	228	.61	270/025	M06	45.5	179.3
DASAC	N3510.1	0002	...	24	225		M018	P04		
DASAC	W08947.4	0900	...	9	44	371		396	....	....
BLUZZ3				109	181	.59	272/024	M03	45.4	179.5
CLARK	N3506.5	0000	...	24	179		M017	P04		
CLARK	W08952.0	0900	...	5	39	363		396	....	....
BLUZZ3				094	181	.45	276/023	M00	45.2	179.6
DIGLE	N3501.5	0001	...	24	179		P002	P04		
DIGLE	W08951.9	0901	...	5	34	292		396	....	....
BLUZZ3				050	342	.41	259/021	06	44.7	180.1
DINKE	N3446.4	0004	...	24	340		M004	P01		
DINKE	W08951.7	0905	...	15	19	266		396	....	....
BLUZZ3									43.1	181.8
MEMPHIS INT	N3502.5	0007	...							
KMEM	W08958.6	0912	...	19					....	....

-----
ETOPS/ETP CRITICAL POINT INFORMATION (ETOPS RULE TIME: 120MIN)

CRITICAL POINT FOR FUEL REQUIREMENTS: N5515.3 W04858.2

ETOPS INFORMATION

ETOPS	SAP	ELTME TIME (AAP)	DIST ISA	MORA W/C	ICE	CFUEL	FOB	COND
ENTRY N5659.1	EGPO W01954.7	0208 0058 (EIKN)	442 M06	037 P035	1.5	35.7	163.6	DX
ETP1 N5757.0	EGPO/BGSF W03048.0	0256 0146	773/769 M07/M15	037/112 P014/P012	2.6	58.3	147.8	DX
EXIT N5515.3	BGSF W04858.2	0414 0135 (CYYR)	708 M15	078 P025	2.2	50.0	122.9	DX

ENRTE	ALTNS	(WEATHER	SUITABILITY	PERIOD)			
EGPO	20:56	00:32	WX MIN:	600-3219	FCST WX:	9999-7000	
BGSF	22:32	01:39	WX MIN:	600-3219	FCST WX:	9999-9999	

-----
WIND INFORMATION

CLIMB

350 315/091 -57
310 315/103 -52
200 312/041 -36
150 313/034 -26
100 304/031 -14

T O C

340 315/098 -56
320 315/102 -54
300 315/105 -51
280 314/089 -48
260 313/070 -46

TNT

340 319/110 -58
320 320/125 -54
300 320/139 -51
280 323/127 -46
260 324/109 -42

RODOL

340 319/110 -58
320 320/124 -54
300 320/139 -51
280 322/127 -46
260 324/108 -42

TENSO

340 315/097 -58
320 317/104 -54
300 318/109 -51
280 317/094 -47
260 316/077 -45

BELOX

340 314/114 -59
320 315/126 -55
300 316/138 -51
280 319/131 -46
260 321/112 -42

APSOV

340 283/121 -60
320 283/111 -55
300 285/100 -50
280 286/090 -46
260 289/081 -41

PIKIL

340 263/097 -60
320 263/091 -55
300 262/084 -49
280 266/074 -44
260 268/066 -39

57N020W

350 240/095 -61
330 238/094 -58
310 235/090 -53
290 234/084 -48
270 234/077 -42

58N030W

350 193/041 -56
330 179/040 -56
310 161/039 -54
290 151/038 -52
270 147/035 -47

57N040W

350 201/009 -57
330 150/008 -58
310 111/012 -57
290 095/016 -54
270 081/017 -49

55N050W

350 243/030 -50
330 237/030 -50
310 224/029 -50
290 210/028 -50
270 194/028 -48

LOMSI

350 278/048 -50
330 279/052 -50
310 277/057 -50
290 278/062 -50
270 281/065 -48

YRI

380 270/035 -50
360 269/038 -51
340 269/040 -51
320 266/040 -51
300 263/040 -52

YUL

380 292/051 -52
360 296/057 -54
340 300/065 -57
320 302/073 -55
300 303/081 -53

SYR

380 297/053 -57
360 302/057 -58
340 306/061 -59
320 307/061 -56
300 308/061 -53

EWC

380 293/060 -60
360 298/060 -60
340 304/060 -61
320 303/058 -56
300 302/056 -51

FLM

400 279/058 -58
380 277/058 -59
360 277/055 -59
340 277/053 -59
320 276/050 -55

BWG

400 274/061 -58
380 272/058 -58
360 273/055 -57
340 275/051 -56
320 270/047 -53

HARET

400 275/061 -58
380 275/058 -58
360 277/053 -56
340 278/048 -54
320 274/046 -52

AXXEL

400 275/061 -58
380 275/058 -58
360 277/053 -56
340 278/048 -54
320 274/046 -52

T O D

400 275/058 -58
380 276/056 -58
360 279/053 -56
340 283/050 -54
320 292/045 -52

DESCENT

350 282/052 -55
310 299/044 -50
200 270/034 -24
150 263/028 -12
100 275/023 -01



[ATC Flight Plan]

ICAO FLIGHT PLAN

FF EGTZQZX EGPXZQZX EISNZQZX EGGXZQZX CZQXZQZX CZULZQZX KZBWZQZX
KZOBZQZX KZIDZQZX KZMEZQZX
091813 CYULSBFP
(FPL-FX184-IS
-DC10/H-SDE1E2E3FGHIJ2J3J4J5M1RWXY/LB1D1
-EGSS1830
-N0476F300 UTAVA1R UTAVA Q75 BUZAD T420 TNT UL28 RODOL UM65 TENSO
L603 BELOX DCT APSOV DCT PIKIL/M082F310 NATE LOMSI/N0474F340 N520A
YRI DCT YUL DCT SYR DCT EWC/N0467F360 DCT FLM DCT BWG BLUZZ3
-KMEM0902 KSTL
-PBN/A1B1C1D1L1O1S2 DOF/230109 REG/N321FE EET/EGPX0047 EISN0059
EGPX0105 EGGX0116 57N020W0209 CZQX0252 57N040W0333 55N050W0418
CZUL0529 KZBW0652 KZOB0713 KZID0751 KZME0828 CODE/A37289 OPR/FX
PER/D RALT/EGPO BGSF RMK/TCAS)



[Additional Info]

D I S P A T C H B R I E F I N G I N F O FX0184 EGSS/KMEMNAT WESTBND TRACKS FLS 340/390 INCLUSIVE JAN 09/1130Z TO JAN 09/1900Z

A ERAKA 60/20 61/30 60/40 58/50 DORYY

EAST LVLS NIL

WEST LVLS 340 350 360 370

EUR RTS WEST NIL

NAR NIL-

B GOMUP 59/20 60/30 59/40 57/50 HOIST

EAST LVLS NIL

WEST LVLS 340 350 360 370 380 390

EUR RTS WEST NIL

NAR NIL-

C SUNOT 58/20 59/30 58/40 56/50 JANJO

EAST LVLS NIL

WEST LVLS 340 350 360 370 380 390

EUR RTS WEST NIL

NAR NIL-

D BILTO 5730/20 5830/30 5730/40 5530/50 KODIK

EAST LVLS NIL

WEST LVLS 350 360 370 380 390

EUR RTS WEST NIL

NAR NIL-

E PIKIL 57/20 58/30 57/40 55/50 LOMSI

EAST LVLS NIL

WEST LVLS 340 350 360 370 380 390

EUR RTS WEST NIL

NAR NIL-

REMARKS.

1. TMI IS 009 OPERATORS ARE REMINDED TO INCLUDE THE
TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. SEND RCL 90-30 MINUTES PROIR TO OCEANIC ENTRY POINT.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK C
TRACK D
TRACK E
END OF PBCS OTS
4. INCLUDE THE MAX LEVEL IN RCL. IF NO MAX LEVEL IS PROVIDED THE
RCL LEVEL WILL BE CONSIDERED HIGHEST ACCEPTABLE FL THAT CAN BE
MAINTAINED AT THE OCEANIC ENTRY POINT.
5. CLEARANCE MAY DIFFER FROM THE FLIGHT PLAN, FLY THE CLEARANCE.
6. STRATEGIC LATERAL OFFSET PROCEDURE SHOULD BE USED FOR
ALL OCEANIC CROSSINGS. LEFT SLOP IS PROHIBITED.
7. 30 MINUTES AFTER ENTERING NAT AIRSPACE OR AFTER LEAVING
SURVEILLANCE AREA, USE CODE 2000 ON TRANSPONDER.
8. NAVIGATION ERRORS CAN BE PREVENTED BY THE USE OF PROPER FMS
WAYPOINT PROCEDURES.
9. ADS-C AND CPDLC ARE MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE.
10. UK AIP. ENR 2.2.4.2 PARA 5.2 STATES THAT
NAT OPERATORS SHALL FILE PRM'S.
11. OPERATORS SHOULD REFERENCE NAT DOC 007 CHAPTER 8 AND 13 FOR
SPECIFIC
NAT OCEANIC PROCEDURES.
12. DATA LINK EQUIPPED FLIGHTS NOT LOGGED ONTO DOMESTIC AIRSPACE,
PRIOR TO ENTERING THE SHANWICK OCA, MUST INITIATE A LOGON TO
EGGX 10-25 MINS PRIOR TO OCA ENTRY.-



[Airport WX List]

EGSS --> KMEM FX 184 / 09JAN2023
LIDO/WEATHER SERVICE DATE : 09Jan2023 TIME : 18:13 UTC

AIRMETs:

No Wx data available

SIGMETs:

EGTT LONDON FIR/UIR
WS SIGMET 03 VALID 091415/091815 EGRR- EGTT LONDON FIR
SEV TURB FCST WI N5000 W00200 - N4932 W00425 - N5140
W00646 - N5220 W00530 - N5325 W00530 - N5000 W00132 -
N5000 W00200 FL220/360 MOV NE 30KT NC=
EGPX SCOTTISH FIR/UIR
WS SIGMET 01 VALID 091415/091815 EGRR- EGPX SCOTTISH FIR
SEV TURB FCST WI N5425 W00810 - N5501 W00721 - N5403
W00615 - N5425 W00810 WI N5520 W00815 - N5445 W00900 -
N5435 W00957 - N5437 W01000 - N5718 W01000 - N5523
W00747 - N5520 W00815 FL220/360 MOV NE 30KT NC=
BGGL NUUK FIR
WS SIGMET U01 VALID 091715/092115 BGSL- BGGL NUUK FIR
SEV TURB FCST AT 1710Z WI N6052 W04246 - N6001 W04310
- N5948 W04354 - N6010 W04529 - N6055 W04439 - N6133
W04517 - N6052 W04246 SFC/FL110 STNR INTSF=
EISN SHANNON FIR/UIR
WS SIGMET 03 VALID 091415/091815 EINN- EISN SHANNON FIR/UIR SEV
TURB FCST NE OF LINE N5434 W00959 - N5140 W00645
FL220/370 MOV NE 30KT NC=
EGGX SHANWICK OCEANIC FIR
WS SIGMET 05 VALID 091639/092030 EGRR- EGGX SHANWICK FIR
SEV TURB FCST WI N5809 W02206 - N5747 W01634 - N5551
W01632 - N5613 W02202 - N5809 W02206 FL300/400 MOV NE
40KT NC=

Tropical Cyclone SIGMETs:

No Wx data available

Volcanic Ash SIGMETs:

No Wx data available

Departure:

EGSS/STN STANSTED
SA 091750 AUTO 26011KT 9999 NCD 06/02 Q1007
FT 091653 0918/1024 26010KT 9999 FEW040
PROB30 TEMPO 0918/0922 27015G25KT
BECMG 1004/1007 18007KT
BECMG 1007/1010 7000 RA OVC006
TEMPO 1008/1013 17018G28KT 3000 RADZ +RA
BECMG 1010/1013 21020G32KT 9999 NSW OVC003
BECMG 1013/1015 SCT008 BKN035
TEMPO 1013/1018 7000 -DZ
PROB30 TEMPO 1013/1018 3000 DZ
BECMG 1015/1018 BKN008
TEMPO 1018/1022 3000 +RA RADZ BKN004
BECMG 1019/1022 24015G25KT
BECMG 1022/1024 24012KT FEW015



Destination:

KMEM/MEM MEMPHIS INTL

SA 091754 11003KT 10SM SCT250 11/01 A3027 RMK AO2 SLP249
T01060011 10106 20006 58017
FT 091720 0918/1024 18005KT P6SM FEW250
FM092100 18004KT P6SM BKN250
FM101500 21008KT P6SM SCT250

Destination Alternates:

KSTL/STL ST LOUIS LAMBERT INTL

SA 091751 21006KT 10SM SCT200 BKN250 09/M01 A3018 RMK AO2 SLP227
T00891006 10089 21039 58017 \$
FT 091720 0918/1024 19008KT P6SM FEW250
FM101000 23007KT P6SM SCT250

Critical ETOPS Airports:

EGPO/SYY STORNOWAY

SA 091750 24009KT 9999 -SHRA FEW020 SCT027 05/03 Q0994
FT 091659 0918/1003 24012KT 9999 FEW015 SCT025
PROB30 TEMPO 0918/1003 25015G25KT 7000 -SHRA

BGSF/SFJ KANGERLUSSUAQ

SA 091750 AUTO 03007KT 9999NDV FEW090/// M26/M29 Q1003
FT 091700 0918/1002 04008KT 9999 FEW150

AIRPORTLIST ENDED



[NOTAM]

LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION
VALID: 2301091830 - 2301100754 STD(EOBT)+TRIP+ALTN+3HRS
FX 184 /09JAN OFP-NR: 1
ROUTE: EGSS - KMEM ALTN: KSTL
N0476F300 UTAVA1R UTAVA Q75 BUZAD T420 TNT UL28 RODOL UM65 TENSO
L603 BELOX DCT APSOV DCT PIKIL/M082F310 NATE LOMSI/N0474F340 N520A
YRI DCT YUL DCT SYR DCT EWC/N0467F360 DCT FLM DCT BWG BLUZZ3

=====

DEPARTURE AIRPORT - DETAILED INFO

=====

EGSS/STN STANSTED

+++++ AIRPORT +++++

A0177/23 VALID: 09-JAN-23 0600 - 10-JAN-23 0001

RAPID EXIT **TWY LR**, **TWY V**, **R** AND **S** LEAD OFF LIGHTS **NOT AVBL.**

A0178/23

HOLDING POINT **SIERRA** **CLOSED**

A0081/23

TWY GOLF **CLSD** BETWEEN **TWY FOXTROT** AND **RUNWAY** HOLDING POINT (RHP)

UNIFORM INCLUDING RHP UNIFORM

A7577/22

INSTRUMENT APPROACH CHART RNP **RWY 04** INCREASE INTERMEDIATE
SEGMENT MOCA VALUE FROM 900FT TO 1000FT IN THE CHART PROFILE VIEW.

+++++ RUNWAY +++++

A0165/23

RWY 04 TDZ LIGHTS **U/S**

A7526/22

TRIGGER NOTAM - AIP SUP 072/22 WEF 08 JAN 2023 UNTIL 08 JUN 2023

LONDON STANSTED AIRPORT - REHABILITATION OF **RUNWAY 04/22** FULL
CLOSURE

=====

DESTINATION AIRPORT - DETAILED INFO

=====

KMEM/MEM MEMPHIS INTL

+++++ AIRPORT +++++

01/095 VALID: 09-JAN-23 1800 - 09-JAN-23 2200

AIRSPACE UAS WI AN AREA DEFINED AS 1.5NM RADIUS OF
MEM SFC-150FT AGL

A0013/23

MON-FRI 1300-2100

MEM **TWY V** BTN **TWY V3** AND **TWY C** **CLSD**

A0094/23 VALID: 09-JAN-23 1230 - 09-JAN-23 2359

MEM **TWY S5**, **S4**, **S3**, **S2**, **S1**, **Y3**, **Y2**, **Y1**, **TWY D** BTN **TWY S** AND **TWY Y**,
TWY E BTN **TWY S** AND **RWY 18L/36R**, **TWY H** BTN **TWY S** AND **TWY Y**, **TWY R**
BTN **TWY S** AND **TWY Y** **CLSD**



A0095/23 VALID: 09-JAN-23 1230 - 09-JAN-23 2359

MEM **TWY Y** BTN **TWY P** AND WILSON AIR CENTER RAMP **CLSD** EXC 30MIN PPR
901-922-8117

01/084

TWY A2 HLDG PSN SIGN WEST SIDE FOR **RWY 09/27** LGT
U/S

01/074

RWY 36C 5000FT DIST REMAINING SIGN LGT **U/S**

01/073

RWY 18C 6000FT DIST REMAINING SIGN LGT **U/S**

A0073/23

MEM **TWY S** BTN **TWY A** AND **TWY B** **CLSD**

01/046

RWY 27 2000FT DIST REMAINING SIGN LGT **U/S**

01/045

RWY 09 6000FT DIST REMAINING SIGN LGT **U/S**

01/044

RWY 27 7000FT DIST REMAINING SIGN LGT **U/S**

01/043

RWY 09 1000FT DIST REMAINING SIGN LGT **U/S**

01/024

TWY H APCH AREA HLDG PSN SIGN EAST SIDE FOR **RWY**
18L/36R LGT **U/S**

01/019

TWY S5 HLDG PSN SIGN FOR **RWY 18L/36R** LGT **U/S**

01/003

RWY 18R 1000FT DIST REMAINING SIGN LGT **U/S**

01/002

RWY 36L 8000FT DIST REMAINING SIGN LGT **U/S**

12/300

TWY M3 HLDG PSN SIGN NORTH SIDE FOR **RWY 18R/36L**
LGT **U/S**

A9032/22

MEM APRON EAST DEICE PAD PROXIMITY DETECTION **U/S**

A9031/22

MEM APRON WEST DEICE PAD PROXIMITY DETECTION **U/S**

12/205

RWY 36R 5000FT DIST REMAINING SIGN LGT **U/S**

12/204

RWY 18L 4000FT DIST REMAINING SIGN LGT **U/S**

12/165

RWY 18R 5000FT DIST REMAINING SIGN LGT **U/S**

12/164

RWY 36L 4000FT DIST REMAINING SIGN LGT **U/S**

A8261/22

MEM **TWY N** BTN **TWY M** AND **TWY M7** **CLSD** TO ACFT WINGSPAN MORE
THAN 171.5FT EXC TAX SPEED LESS THAN 15MPH

10/015

TWY M APCH AREA HLDG PSN SIGN BTN **TWY M9** AND **TWY N**
MISSING

A3630/22

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



+++++ RUNWAY +++++

A0115/23 VALID: 09-JAN-23 1752 - 09-JAN-23 1900

MEM AD AP RVR ALL U/S

A0093/23 VALID: 09-JAN-23 1230 - 09-JAN-23 2359

MEM RWY 18L/36R CLSD EXC XNG TWY P

A0105/23

MEM RWY 36L RVRT U/S

A0106/23

MEM RWY 18R RVRR U/S

+++++ SID +++++

A9012/22

MEM ODP MEMPHIS INTL, MEMPHIS, TN.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4A...

TAKEOFF MINIMUMS: **RWY 36C**, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 387FT PER NM TO 500. **RWY 36R**, 200-1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 229FT PER NM TO 500.

TEMPORARY CRANES 432FT MSL 3605FT NORTH OF **RWY 18C**

(2021-ASO-376,77,78,79-NRA).

ALL OTHER DATA REMAINS AS PUBLISHED.

A9011/22

MEM SID MEMPHIS INTL, MEMPHIS, TN.

ELVIS FOUR DEPARTURE...

TAKEOFF MINIMUMS: **RWY 36C**, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 387FT PER NM TO 500. **RWY 36R**, 200-1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 229FT PER NM TO 500. TEMPORARY CRANES 432FT MSL 3605FT

NORTH OF **RWY 18C** (2021-ASO-376,77,78,79-NRA).

ALL OTHER DATA REMAINS AS PUBLISHED.

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

A0112/23 VALID: 09-JAN-23 1753 - 09-JAN-23 1900

MEM NAV ILS RWY 36C CAT II/III NA

A0114/23 VALID: 09-JAN-23 1753 - 09-JAN-23 1900

MEM NAV ILS RWY 36L CAT II/III NA

A0110/23 VALID: 09-JAN-23 1752 - 09-JAN-23 1900

MEM NAV ILS RWY 36R CAT II/III NA

A0040/23 VALID: 09-JAN-23 1230 - 10-JAN-23 0030

MEM NAV ILS RWY 18L U/S

A0039/23 VALID: 09-JAN-23 1230 - 10-JAN-23 0030

MEM NAV ILS RWY 36R U/S

A0104/23

MEM NAV ILS RWY 36L CAT II NA

A0103/23

MEM IAP MEMPHIS INTL, MEMPHIS, TN.

ILS OR LOC RWY 36L, AMDT 14E...

ILS RWY 36L (CAT II AND III), AMDT 14E...

ALTERNATE MINIMUMS NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS,

GQE VOR/DME UNMONITORED.

A0092/23 VALID: 06-JAN-23 2309 - 09-JAN-23 1945

MEM NAV ILS RWY 18C LOC UNUSABLE DA TO TDZ

A9194/22

MEM NAV ILS RWY 36C LOC/DME U/S

**A9010/22**

MEM IAP MEMPHIS INTL, MEMPHIS, TN.
RNAV (RNP) Y **RWY 18C**, ORIG-E...
RNP 0.30 DA* 656/HAT 366 ALL CATS.
TEMPORARY CRANES 432FT MSL 3605FT NORTH OF **RWY 18C**
(2021-ASO-376,77,78,79-NRA).

A9009/22

MEM IAP MEMPHIS INTL, MEMPHIS, TN.
RNAV (RNP) Y **RWY 18L**, ORIG-D...
RNP 0.30 DA* 719/HAT 418 ALL CATS.
TEMPORARY CRANES 432FT MSL 5473FT NORTH OF **RWY 18L**
(2021-ASO-376,77,78,79-NRA).

A9008/22

MEM IAP MEMPHIS INTL, MEMPHIS, TN.
ILS OR LOC RWY 18L, AMDT 2D...
BRYSN FIX MINIMUMS: S-LOC 18L, MDA 700/HAT 399 ALL CATS.
VISIBILITY **CAT C** RVR 3500.
VDP AT I-EXS 2.74 DME; DISTANCE VDP TO THLD 1.09 NM.
CHANGE NOTE TO READ: FOR INOP ALS, INCREASE S-ILS 18L **CAT E**
VISIBILITY TO RVR 4000, S-LOC 18L **CAT E** VISIBILITY TO 1 3/4 SM,
BRYSN FIX MINIMUMS, INCREASE S-LOC 18L CATS D/E VISIBILITY TO RVR
6000.
TEMPORARY CRANES 432FT MSL 5473FT NORTH OF **RWY 18L**
(2021-ASO-376,77,78,79-NRA).

A8459/22

MEM IAP MEMPHIS INTL, MEMPHIS, TN.
ILS OR LOC RWY 18C, AMDT 1D...
ILS OR LOC RWY 18L, AMDT 2D...
ILS OR LOC RWY 36R, AMDT 3D...
ILS OR LOC RWY 9, AMDT 27B...
ILS RWY 36R (CAT II-III), AMDT 3D...
DME REQUIRED EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM
WITH GPS,
HLI VORTAC OUT OF SERVICE.

A3629/22

ILS RWY 36C (CAT II - III), AMDT 3F ...
ILS RWY 36L (CAT II - III), AMDT 14E ...
ILS RWY 36R (CAT II - III), AMDT 3D ...
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

+++++ STAR +++++

A5936/22

WILDER ONE ARRIVAL. ALT TRANSITION STARTS AT MKL. ROUTE FM MKL TO
WLDER IS NOT AUTH. REASON : MKL EXTENDED OUTAGE.

=====
DESTINATION ALTERNATE AIRPORT(S)
=====

KSTL/STL ST LOUIS LAMBERT INTL

+++++ AIRPORT +++++

A0142/23

STL **TWY K** BTN **RWY 12L/30R** AND **TWY E** WEST SIDE IRREGULAR SFC



01/118

TWY P HLDG PSN MARKINGS FOR APCH END **RWY 24** NOT
STD

01/117

TWY T **DIRECTION** MARKINGS FOR APCH END **RWY 29** NOT
STD

01/007

TWY V CL MARKINGS BTN APCH END **RWY 24** AND **TWY F**
NOT STD

A0005/23

STL **TWY J** EDGE LGT BTN TXL C AND **TWY D** NOT STD

A0004/23

STL **TWY L** BTN **RWY 12R/30L** AND **TWY D** SOUTHEAST SIDE IRREGULAR SFC

01/003

TWY S HLDG PSN MARKINGS FOR APCH END **RWY 06** NOT
STD

A0002/23

STL APRON TERMINAL TWO AIRLINE RAMP **WIP** MAINT 180FT NORTH GATE E20
LGTD AND BARRICADED

A0001/23

STL **TWY E2** CL LGT **U/S**

A5659/22

TWY V2 BTN JET CENTER RAMP AND **TWY V** **CLSD**

10/478

TWY S SFC PAINTED HLDG PSN SIGNS FOR APCH END **RWY**
12L SOUTH SIDE NOT STD

A0231/22

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 +++++

A0003/23

STL **RWY 12L/30R** SAFETY AREA NOT STD E SIDE APCH END **RWY30R**

A6449/22

STL **RWY 30R** SEQUENCED FLG LGT **U/S**

A6192/22

STL **RWY 30L** BAK-14 ARST SYSTEM **U/S**

A6135/22

STL **RWY 12L/30R** SAFETY AREA BTN **TWY P** AND
TWY E2 S SIDE NOT STD

A6132/22

STL **RWY 12R/30L** SAFETY AREA S EDGE BTN **TWY V** AND
RWY 06/24 NOT STD

A5560/22

RWY 12R BAK-14 ARST SYSTEM **U/S**



+++++ SID +++++

A5849/22

STL SID ST LOUIS LAMBERT INTL,
ST LOUIS, MO.

PLEASE FIVE DEPARTURE...

NASHVILLE TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS,

BNA VOR OUT OF SERVICE.

CNN000I KSTL A5849/22 LINKED TO FDC 2/1076 PART 1

A4651/21

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...

TAKE-OFF MINIMUMS **RWY 24:** 300-1 3/8 OR STANDARD WITH MINIMUM
CLIMB OF 205 FT PER NM TO 800.

ALL OTHER DATA REMAINS AS PUBLISHED.

A1884/21

ROTRY FIVE DEPARTURE (RNAV)...

BRADFORD TRANSITION: ROTRY TO SKUTR MOCA 2300.

ALL OTHER DATA REMAINS AS PUBLISHED.

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

A0128/23 VALID: 09-JAN-23 1330 - 09-JAN-23 2030

STL NAV ILS RWY 12L CAT II/III NA

A0129/23 VALID: 09-JAN-23 1330 - 09-JAN-23 2030

STL NAV ILS RWY 12L U/S

A0130/23 VALID: 09-JAN-23 1330 - 09-JAN-23 2030

STL NAV ILS RWY 30R UNUSABLE DA TO TDZ

A6028/22

STL IAP ST LOUIS LAMBERT INTL,
ST LOUIS, MO.

RNAV (GPS) **RWY 24**, AMDT 1C...

LNAV/VNAV DA 1015/481 ALL CATS, VIS 1 1/8 ALL CATS.

A5942/22

STL NAV ILS RWY 12R LOC/DME U/S

A3213/22

RNAV (GPS) **RWY 6**, AMDT 2...

LNAV/VNAV DA NA ALL CATS.

NOTE: **RWY 6** HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT
AUTHORIZED.

A3212/22

ILS OR LOC **RWY 6**, AMDT 3...

S-ILS 6 DA NA ALL CATS.

A3205/22

RNAV (GPS) Y **RWY 30L**, AMDT 2...

LPV DA 911/HAT 328.

A3204/22

RNAV (GPS) Y **RWY 12R**, AMDT 1D...

LPV DA 790/HAT 250; LNAV MDA 1020/HAT 480.

A0228/22

ILS **RWY 11** (CAT II - III), AMDT 1 ...

ILS **RWY 12L** (CAT II - III), AMDT 6C ...

ILS **RWY 30R** (CAT II - III), AMDT 12 ...

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

A4574/21

RNAV (RNP) Z **RWY 30L**, AMDT 1A...

RNP 0.15 DA 987/HAT 404 ALL CATS; RNP 0.30 DA 1042/HAT 459 ALL
CATS.

**A4573/21**

ILS OR LOC RWY 12R, AMDT 23...
S-ILS 12R DA 790/HAT 250 ALL CATS.

A4572/21

ILS OR LOC RWY 30L, AMDT 13...
S-ILS 30L DA 911/HAT 328 ALL CATS.

A4571/21

RNAV (GPS) Y **RWY 30R**, AMDT 2A...
LNAV/VNAV DA 914/HAT 309 ALL CATS; LNAV MDA 1020/HAT 415 ALL CATS.

A4570/21

RNAV (RNP) Z **RWY 11**, ORIG-B...
RNP 0.30 DA 917/HAT 299 ALL CATS, VISIBILITY ALL CATS 3/4.

=====
ETOPS SUITABLE ENROUTE AIRPORTS(S)
=====

EGPO/SYY STORNOWAY

+++++ AIRPORT ++++++

I0048/23

OBST LIGHT U/S ON **NDB** MAST

I0049/23

OBST LIGHT U/S ON VDF MAST

I0016/23

TEMPORARY RAISED **TAXIWAY** EDGE LIGHTS ON PARTS OF B AND C
TAXIWAYS REPLACING UNSERVICEABLE FLUSH LIGHTS.

H7275/22

SR-SS
QUARRY BLASTING WI 0.5NM RADIUS 581140N 0062333W (STORNOWAY, ISLE
OF LEWIS). FOR UP TO DATE BLASTING TIMES CONTACT 07825 859243.
2022-09-0327/AS4.
F) SFC G) 289FT AMSL

I3214/22

AD, SUNDAY OPENING HOURS 1245-1730

+++++ RUNWAY ++++++

I3418/22

AMEND **RUNWAY** PHYSICAL CHARACTERISTICS
RWY 18 - REMARKS:
REMOVE - THR DISPLACED BY 120 M.
INSERT - THE 120M OF ASPHALT NORTH OF **RWY 18** THRESHOLD IS UNFIT
FOR USE BY AIRCRAFT.
UK AIP EGPO **AD** 2.12 REFERS.

BGSF/SFJ KANGERLUSSUAQ

+++++ AIRPORT ++++++

A0011/23

RWY 27 WIND DATA **NOT AVAILABLE**
ALL WIND DATA GIVEN IS FROM **RWY 09**

A0679/22

APRON W **CLOSED** FOR CIVIL AIRCRAFT.
OPEN FOR MILITARY AIRCRAFT ONLY.

**A0678/22**

TWY D CLOSED DUE MAINTENANCE

=====

EXTENDED AREA AROUND DEPARTURE

=====

EGTT **LONDON FIR/UIR**

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

B0073/23

MARHAM LOWER AIRSPACE RADAR SERVICE OPR HR

09-13 0800-1700

17 0800-1700

18 0800-1730

19-20 0800-1700

B0053/23

CHANGE TO YEOVILTON LOWER AIRSPACE RADAR SERVICE AVAILABILITY: MON

TO THU 0900-1600

FRI 0900-1300

B0055/23

CHANGE TO LEEMING LOWER AIRSPACE RADAR SERVICE AVAILABILITY

MON TO THU 0900-1315 1400-1800

FRI 0900-1315 1400-1700

N0005/23REPORT OF AIR NAV OBST LGT **U/S** (TOWER) UK0171A353F PSN

545442N 0031643W (ANTHORN, CUMBRIA). HGT 745FT AGL/781FT AMSL.

2023-01-0151/AS8.

B0046/23

AERODROME CONTROL TRANSMISSIONS MAY BE TRANSMITTED ON EXETER LOWER

AIRSPACE RADAR SERVICE FREQUENCY 128.980MHZ DUE TO EXETER ATC

RADAR IN THE TOWER (RITT) TRIAL

B3147/22

THU 1700-1730, FRI 1715-1745

EXETER LOWER AIRSPACE RADAR SER 128.980MHZ **NOT AVBL****B0022/23**

BICESTER AERODROME GLIDING FREQUENCY CHANGED FROM 135.480MHZ TO

118.390MHZ.

UK AIP ENR 5.5 REFERS.

N0003/23AIR NAV OBST LGT **U/S** UK0171A209F (CHIMNEY) 531817N 0004654W

(COTTAM POWER STATION). HGT 653FT AGL/669FT AMSL.

2022-12-0240/AS8.

B3209/22

AIC Y065 (UK NOTAM A SERIES CHANGES) IS CANCELLED.

THE FOLLOWING **AD** REVERT BACK TO BEING ISSUED AS AN ALPHA SERIES

NOTAM SOUTHEND (EGMC)

NORWICH (EGSH)

LIVERPOOL (EGGP)

CAMBRIDGE (EGSC)

CARDIFF (EGFF)

B2846/22

TRIGGER NOTAM - PERM AIRAC AIP AMDT 13/22 WEF 29 DEC 22.

MULTIPLE GEN AND ENR CHANGES, SEE COVER SHEET FOR FULL DETAILS

N0221/22AIR NAV OBST LGT UK0171A245F RTM WINTER HILL, RIVINGTON, L8 **U/S**.

PSN 533732.08N 0023053.31W, ELEV 2453FT / HGT 1015FT

**N0223/22**

AIR NAV OBST LGT UK0230A002F (RTM LFA 18 CHILLERTON DOWN MAST)
U/S. PSN 503857.37N 0011943.83W, ELEV 1300FT / HGT 751FT

N0225/22

AIR NAV OBST LGT UK0171A168F RTM BELMONT MAST SINGLE U/S.
PSN 532009.07N 0001019.13W, ELEV 1566FT/ HGT 1154FT

N0227/22

AIR NAV OBST LGT UK0229A015F STOCKLAND HILL MAST SINGLE U/S.
PSN 504825.82N 0030617.80W, ELEV 1536FT/ HGT 789FT

N0222/22

AIR NAV OBST LGT UK0171A125F RTM ARFON MAST.LFA7 U/S. PSN
530111.75N 0041624.67W, ELEV 2079FT / HGT 1107FT

N0213/22

AIR NAV OBST LGT UK UK0230N156F RTM ROWBRIDGE U/S.
PSN 504036.28N 0012213.28W, ELEV 1080FT/HGT 614FT

N0211/22

AIR NAV OBST LGT UK0229A072F RTM RTM RIDGE HILL MAST SINGLE U/S
PSN 515950.81N 0023223.68W ELEV 1220FT/ HGT 545FT

B2964/22

2300-0530

GNSS(GPS) SIGNAL JAMMING. JAMMERS LOCATED WI 0.5NM RADIUS: 510645N
0014215W (PORTON DOWN, WILTSHIRE). ACTIVITY MAY AFFECT ACFT WI AN
AREA BOUNDED BY:

511253N 0015430W - 513322N 0014736W - 514004N 0014445W -
514555N 0013648W - 514357N 0011316W - 513859N 0010334W -
513217N 0005222W - 512053N 0004148W - 511450N 0003821W -
510450N 0003845W - 505835N 0004359W - 505804N 0005929W -
505915N 0013445W - 511253N 0015430W. SFC TO 40000FT AMSL OR ABOVE.
MAY ALSO AFFECT AIRBORNE ELECTRONIC SITUATIONAL AWARENESS DEVICES
AND UAS CONTROL. NOT TO EXCEED 30 MINUTES DURATION. GNSS(GPS)
RECEIVERS MAY SUFFER INTERMITTENT / TOTAL FAILURE OR GIVE
INCORRECT POSITION INFO. FOR INFO/CEASE JAMMING 01980 950040 /
01980 951065. 2022-11-0498/AS4.

N0210/22

AIR NAV OBST LGT UK0171Q837F WIND TURBINE D06 BARROW WINDFARM U/S.
PSN 535921.59N 0031904.91W. ELEV 381FT AMSL. 2022-12-0126/AS8.

N0208/22

AIR NAV OBST LGT UK0171Q842F WIND TURBINE D01 BARROW WINDFARM U/S.
PSN 535828.27N 0031724.34W. ELEV 381FT AMSL. 2022-12-0126/AS8.

N0209/22

AIR NAV OBST LGT UK0171Q840F WIND TURBINE D03 BARROW WINDFARM U/S.
PSN 535849.60N 0031804.51W. ELEV 381FT AMSL. 2022-12-0126/AS8.

N0206/22

AIR NAV OBST LGT UK0171Q861F WIND TURBINE A04 BARROW WINDFARM U/S.
PSN 540000.95N 0031710.23W. ELEV 381FT AMSL. 2022-12-0126/AS8.

N0207/22

AIR NAV OBST LGT UK0171Q858F WIND TURBINE A07 BARROW WINDFARM U/S.
PSN 540032.90N 0031810.68W. ELEV 381FT AMSL. 2022-12-0126/AS8.

N0205/22

AIR NAV OBST LGT UK18581012F WIND TURBINE F15 WALNEY WINDFARM U/S.
PSN 540516.09N 0033908.39W. ELEV 466FT AMSL. 2022-12-0124/AS8.

N0204/22

AIR NAV OBST LGT UK18581008F WIND TURBINE F10 WALNEY WINDFARM U/S.
PSN 540311.11N 0033607.51W. ELEV 466FT AMSL. 2022-12-0124/AS8.

N0203/22

AIR NAV OBST LGT UK0171X044F WIND TURBINE F06 WALNEY WINDFARM U/S.
PSN 540218.32N 0033334.33W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0202/22

AIR NAV OBST LGT UK0171X042F WIND TURBINE F04 WALNEY WINDFARM U/S.
PSN 540146.22N 0033232.49W. ELEV 423FT AMSL. 2022-12-0124/AS8.

**N0201/22**

AIR NAV OBST LGT UK0171X024F WIND TURBINE D01 WALNEY WINDFARM **U/S**.
PSN 540117.95N 0032920.01W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0200/22

AIR NAV OBST LGT UK0171X005F WIND TURBINE B01 WALNEY WINDFARM **U/S**.
PSN 540137.81N 0032740.22W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0199/22

AIR NAV OBST LGT UK0171X001F WIND TURBINE A08 WALNEY WINDFARM **U/S**.
PSN 540340.21N 0033026.62W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0198/22

AIR NAV OBST LGT UK0171W999F WIND TURBINE A07 WALNEY WINDFARM **U/S**.
PSN 540324.17N 0032955.67W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0197/22

AIR NAV OBST LGT UK0171W998F WIND TURBINE A06 WALNEY WINDFARM **U/S**.
PSN 540308.10N 0032924.83W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0196/22

AIR NAV OBST LGT UK0171W997F WIND TURBINE A05 WALNEY WINDFARM **U/S**.
PSN 540252.03N 0032853.87W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0195/22

AIR NAV OBST LGT UK0171W996F WIND TURBINE A04 WALNEY WINDFARM **U/S**.
PSN 540235.96N 0032822.99W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0194/22

AIR NAV OBST LGT UK0171W993F WIND TURBINE A01 WALNEY WINDFARM
U/S PSN 540147.73N 0032650.33W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0193/22

AIR NAV OBST LGT UK18581006F WIND TURBINE F08 WALNEY WINDFARM **U/S**.
PSN 540245.70N 0033446.20W. ELEV 466FT AMSL. 2022-12-0124/AS8.

N0192/22

AIR NAV OBST LGT UK0171X039F WIND TURBINE F01 WALNEY WINDFARM **U/S**.
PSN 540058.06N 0033059.79W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0191/22

AIR NAV OBST LGT UK0171X015F WIND TURBINE C01 WALNEY WINDFARM **U/S**.
PSN 540127.87N 0032830.13W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0189/22

AIR NAV OBST LGT UK0171X003F WIND TURBINE A10 WALNEY WINDFARM **U/S**.
PSN 540412.36N 0033128.46W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0190/22

AIR NAV OBST LGT UK0171X004F WIND TURBINE A11 WALNEY WINDFARM **U/S**.
PSN 540428.40N 0033159.41W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0188/22

AIR NAV OBST LGT UK0171X002F WIND TURBINE A09 WALNEY WINDFARM **U/S**.
PSN 540356.29N 0033057.55W. ELEV 423FT AMSL. 2022-12-0124/AS8.

N0187/22

AIR NAV OBST LGT UK18609333F WIND TURBINE K10 WEST OF DUDDON SANDS
WINDFARM **U/S**. PSN 535845.71N 0032322.54W. ELEV 466FT AMSL.
2022-12-0123/AS8.

N0186/22

AIR NAV OBST LGT UK18614724F WIND TURBINE L05 BURBO BANK WINDFARM
U/S. PSN 532753.32N 0031202.81W. ELEV 610FT AMSL.
2022-12-0122/AS8.

N0168/22

REPORT OF AIR NAV OBST LGT **U/S** (MAST) 523437N 0011948E (STOKE HOLY
CROSS, NORFOLK). HGT 384FT AGL/601FT AMSL. 2022-11-0648/AS8.

K0508/22

REPORT OF AIR NAV OBST LGT **U/S** (MAST) 534646N 0003317W
(RIPLINGHAM, EAST RIDING OF YORKSHIRE). HGT 100FT AGL/615FT AMSL.
2022-11-0447/AS8.

**B2496/22**

UK AIRAC AMDT 12/2022 WEF 01 DEC 2022 HAS ACCIDENTALLY REMOVED
ATS ROUTE P25 FROM ENR 3.2. P25 SHOULD BE REINTRODUCED IN ENR 3.2
AS DEPICTED IN THE AIP WEF 03 NOV 2022.
UK AIP ENR 3.2 REFERS.

B2463/22

ATS SURVEILLANCE SERVICES AND PROCEDURES - UK SSR CODE ALLOCATION
PLAN - ADD NEW ENTRY:
4540 - 4541 RAF HONINGTON CONSPICUITY CODE
UK AIP ENR 1.6 REFERS.

+++++ WAYPOINT +++++

B3199/22

VOR/DME LON/LONDON 113.60MHZ CH083X. THERE MAY BE **VOR** BEARING
FLUCTUATIONS WITHIN THE 235 TO 280 DEG MAG SECTOR RADIALS DUE TO
CRANE ACTIVITY.

B3205/22

VOR/DME LON/LONDON 113.60MHZ CH083X, THERE MAY BE **DVOR** BEARING
FLUCTUATIONS WITHIN THE 080-130 DEG MAG SECTOR RADIALS DUE TO
CRANE ACTIVITY

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

H0101/23 VALID: 10-JAN-23 0600 - 13-JAN-23 1600

0600-1600

PIPELINE INSPECTION NOTIFICATION PROCEDURE SYSTEM (PINS) WILL
TAKE PLACE IN THE FOLLOWING LOW FLYING AREAS -
1,2,3,4,5,6,7N,7S,8,9,10,11N,11S,12,13,14W,14E,16,17,18,19 AND THE
THAMES VALLEY AVOIDANCE AREA. MAX HEIGHT 2000FT AGL. UK AIP ENR 6
(PINS AREAS AND UK DAY LOW FLYING SYSTEM (DLFS))REFERS.
23/01/017/LFC F) SFC G) 6500FT AMSL

J0006/23 VALID: 10-JAN-23 0200 - 10-JAN-23 1600

TEMPO **DANGER** AREA (TDA) EG D098B **ACTIVATED** WI AN AREA BOUNDED
BY:

504703N 0005208E - 505315N 0010128E - 504948N 0011548E -
504139N 0011414E - 503926N 0010808E - 504703N 0005208E (ENGLISH
CHANNEL). BEYOND VISUAL LINE OF SIGHT UAS OPS CONTAINED WHOLLY WI
THE TDA. A **DANGER** AREA ACTIVITY INFO SERVICE (DAAIS) WILL BE **AVBL**
FM EITHER LONDON INFO ON FREQ 124.600MHZ (OPR H24), OR FM LYDD ATC
ON FREQ 120.705MHZ LYDD APPROACH DURING THE HR OF WATCH. AIC
Y085/2022 REFERS. 2022-04-0105/AS2
F) SFC G) 1500FT AMSL

J0008/23 VALID: 10-JAN-23 0200 - 10-JAN-23 1600

TEMPO **DANGER** AREA (TDA) EG D098A **ACTIVATED** WI AN AREA BOUNDED BY:
504815N 0004937E - 505359N 0005825E - 505315N 0010128E -
504703N 0005208E - 504815N 0004937E (ENGLISH CHANNEL). BEYOND
VISUAL LINE OF SIGHT UAS OPS CONTAINED WHOLLY WI THE TDA. A **DANGER**
AREA ACTIVITY INFO SERVICE (DAAIS) WILL BE **AVBL** FM EITHER LONDON
INFO ON FREQ 124.600MHZ (OPR H24) OR FM LYDD ATC ON FREQ
120.705MHZ LYDD APPROACH DURING THE HR OF WATCH. AIC Y085/2022
REFERS. 2022-04-0105/AS2
F) SFC G) 1500FT AMSL

**J0007/23 VALID: 10-JAN-23 0200 - 10-JAN-23 1600**

TEMPO **DANGER** AREA (TDA) EG D098C **ACTIVATED** WI AN AREA BOUNDED BY:

505359N 0005825E - 510326N 0011118E - 510756N 0012635E -
510635N 0012927E - 510149N 0011316E - 505315N 0010128E -
505359N 0005825E (ENGLISH CHANNEL). BEYOND VISUAL LINE OF SIGHT
UAS OPS CONTAINED WHOLLY WI THE TDA. A **DANGER** AREA ACTIVITY INFO
SERVICE (DAAIS) WILL BE **AVBL** FM EITHER LONDON INFO ON FREQ
124.600MHZ (OPR H24) OR FM LYDD ATC ON FREQ 120.705MHZ LYDD
APPROACH DURING THE HR OF WATCH. AIC Y085/2022 REFERS.
2022-04-0105/AS2

F) SFC G) 1500FT AMSL

J0009/23 VALID: 10-JAN-23 0200 - 10-JAN-23 1600

TEMPO **DANGER** AREA (TDA) EG D098D **ACTIVATED** WI AN AREA BOUNDED BY:

505315N 0010128E - 510149N 0011316E - 510635N 0012927E -
510336N 0013547E - 510227N 0013230E - 505659N 0012114E -
505345N 0011650E - 504948N 0011548E - 505315N 0010128E (ENGLISH
CHANNEL). BEYOND VISUAL LINE OF SIGHT UAS OPS CONTAINED WHOLLY WI
THE TDA. A **DANGER** AREA ACTIVITY INFO SERVICE (DAAIS) WILL BE **AVBL**
FM EITHER LONDON INFO ON FREQ 124.600MHZ (OPR H24) OR FM LYDD ATC
ON FREQ 120.705MHZ LYDD APPROACH DURING THE HR OF WATCH. AIC
Y085/2022 REFERS. 2022-04-0105/AS2

F) SFC G) 1500FT AMSL

J0010/23 VALID: 10-JAN-23 0200 - 10-JAN-23 1600

TEMPO **DANGER** AREA (TDA) EG D098F ESTABLISHED WI AN AREA BOUNDED BY:

510352N 0010451E - 510550N 0011325E - 510425N 0011438E -
510326N 0011118E - 510008N 0010648E - 510352N 0010451E. (ENGLISH
CHANNEL) BEYOND VISUAL LINE OF SIGHT UAS OPS CONTAINED WHOLLY WI
THE TDA. A **DANGER** AREA ACTIVITY INFO SERVICE (DAAIS) WILL BE **AVBL**
FM EITHER LONDON INFO ON FREQ 124.600MHZ (OPR H24) OR FM LYDD ATC
ON FREQ 120.705MHZ LYDD APPROACH DURING THE HR OF WATCH. AIC
Y085/2022 REFERS. 2022-04-0105/AS2

F) SFC G) 1500FT AMSL

J0012/23 VALID: 10-JAN-23 0200 - 10-JAN-23 1600

TEMPO **DANGER** AREA (TDA) EG D098G **ACTIVATED** WI AN AREA BOUNDED BY:

504118N 0002647E - 504815N 0004937E - 503926N 0010808E -
503300N 0005110E - 504118N 0002647E (ENGLISH CHANNEL). BEYOND
VISUAL LINE OF SIGHT UAS OPS CONTAINED WHOLLY WI THE TDA. A **DANGER**
AREA ACTIVITY INFO SERVICE (DAAIS) WILL BE **AVBL** FM EITHER LONDON
INFO ON FREQ 124.600MHZ (OPR H24) OR FM LYDD ATC ON FREQ
120.705MHZ LYDD APPROACH DURING THE HR OF WATCH. AIC Y085/2022
REFERS. 2022-04-0105/AS2

F) SFC G) 2000FT AMSL

J0011/23 VALID: 10-JAN-23 0200 - 10-JAN-23 1600

TEMPO **DANGER** AREA (TDA) EG D098E **ACTIVATED** WI AN AREA BOUNDED BY:

510756N 0012635E - 511454N 0013137E - 512251N 0013322E -
511740N 0015439E - 511447N 0020000E - 511153N 0015200E -
510607N 0014309E - 510336N 0013547E - 510756N 0012635E
(ENGLISH CHANNEL). BEYOND VISUAL LINE OF SIGHT UAS OPS CONTAINED
WHOLLY WI THE TDA. A **DANGER** AREA ACTIVITY INFO SERVICE (DAAIS)
WILL BE **AVBL** FM EITHER LONDON INFO ON FREQ 124.600MHZ (OPR H24) OR
FM LYDD ATC ON FREQ 120.705MHZ LYDD APPROACH DURING THE HR OF
WATCH. AIC Y085/2022 REFERS. 2022-04-0105/AS2

F) SFC G) 2500FT AMSL



J0013/23 **VALID: 10-JAN-23 0200 - 10-JAN-23 1600**

TEMPO **DANGER** AREA (TDA) EG D098H **ACTIVATED** WI AN AREA BOUNDED BY:
STRAIGHT LINES JOINING 510831N 0012227E - 510756N 0012635E -
510629N 0012136E THENCE THE ANTICLOCKWISE ARC OF A CIRCLE RADIUS
OF 2.25NM CENTRED ON 510800N 0011900E BTN 510629N 0012136E -
510831N 0012227E (PORT OF DOVER). BEYOND VISUAL LINE OF SIGHT UAS
OPS CONTAINED WHOLLY WI THE TDA. A **DANGER** AREA ACTIVITY INFO
SERVICE (DAAIS) WILL BE **AVBL** FM EITHER LONDON INFO ON FREQ
124.600MHZ (OPR H24) OR FM LYDD ATC ON FREQ 120.705MHZ LYDD
APPROACH DURING THE HR OF WATCH. AIC Y085/2022 REFERS.

2022-04-0105/AS2

F) SFC G) 800FT AMSL

H0095/23 **VALID: 09-JAN-23 1615 - 09-JAN-23 2000**

MET BALLOON RELEASE WI 0.5NM RADIUS: 511434N 0003858W
(GUILDFORD, SURREY). THIS ACTIVITY WILL NOT BE WHOLLY CONTAINED WI
LATERAL DIMENSION AS NOTIFIED. ASSOCIATED EQUIPMENT WILL
SUBSEQUENTLY DESCEND BY PARACHUTE. FOR INFO 07395 815093.

2023-01-0078/AS5.

F) SFC G) UNL

H9424/22

1600-2359

SEARCHLIGHT DISPLAY WI 1NM RADIUS 532029N 0000022E (LOUTH,
LINCOLNSHIRE). FOR INFO 07793 115034. 2023-01-0057/ AS2.

F) SFC G) UNL

H0067/23

1500-2300

UAS SWARM OPR WI 1NM RADIUS OF 522119N 0010432W (WINWICK,
NORTHAMPTONSHIRE). SWARM COMPRISED 200 UAS. MAX HGT 400FT AGL. FOR
INFO 07970 017256. 2023-01-0125/AS2.

F) SFC G) 950FT AMSL

H9423/22

09 1300-1600, 10-19 0800-1600, 20 0800-1200

UAS OPR WI 0.5NM RADIUS OF 512511N 0021331W (CORSHAM, WILTSHIRE).
MAX HGT 330FT AGL. FOR INFO 07769 218741. 2023-01-0054/AS2

F) SFC G) 800FT AMSL

J0040/23

RESTRICTED AREA (TEMPORARY) OWING TO AN INCIDENT AT HARLOW,
RESTRICTION OF FLYING REGULATIONS HAVE BEEN MADE UNDER ARTICLE 239
OF THE AIR NAVIGATION ORDER 2016 WI 0.3NM 514612N 0000456E
(HARLOW, ESSEX). UNMANNED AIR SYSTEM PILOTS ARE FORBIDDEN TO FLY
WI THE DESIGNATED AREA WITHOUT PERMISSION OF ESSEX POLICE
(EMERGENCY CONTROLLING AUTHORITY) TEL 01245 491491. ATC UNITS
CLOSE TO THE INCIDENT AREA ARE REQUESTED TO ADVISE ACFT ON THEIR
FREQ OF THE CONTENTS OF THIS NOTAM. 2023-01-0153/AS6.

F) SFC G) 730FT AMSL

H0062/23

0900-1400

MET BALLOON RELEASES WI 0.5NM RADIUS 530058N 0014431W
(ASHBOURNE, DERBYSHIRE). THIS ACTIVITY MAY NOT BE WHOLLY CONTAINED
WITHIN THE LATERAL DIMENSIONS AS NOTIFIED. ASSOCIATED EQUIPMENT
WILL SUBSEQUENTLY DESCEND BY PARACHUTE. FOR INFO 0114 2131050.

2022-10-0143/AS3.

F) SFC G) UNL

H0063/23

0900-1400

MET BALLOON RELEASE/S WI 0.5NM RADIUS 532322N 0013832W (SHEFFIELD,
YORKSHIRE). THIS ACTIVITY MAY NOT BE WHOLLY CONTAINED WITHIN THE
LATERAL DIMENSIONS AS NOTIFIED. ASSOCIATED EQUIPMENT WILL
SUBSEQUENTLY DESCEND BY PARACHUTE. FOR INFO 07508 529406.

2022-07-0103/AS5.

F) SFC G) UNL

**H0064/23**

0900-1400

MET BALLOON RELEASE WI 0.5NM RADIUS: 525610N 0030521W (CHIRK CASTLE, S OF WREXHAM). THIS ACTIVITY WILL NOT BE WHOLLY CONTAINED WI LATERAL DIMENSION AS NOTIFIED. ASSOCIATED EQUIPMENT WILL SUBSEQUENTLY DESCEND BY PARACHUTE. FOR INFO 01142 131050.

2022-10-0105/AS3.

F) SFC G) UNL

H0065/23

0900-1400

MET BALLOON RELEASES WI 0.5NM RADIUS: 532321N 0012610W (SHEFFIELD, SOUTH YORKSHIRE). THIS ACTIVITY WILL NOT BE WHOLLY CONTAINED WI LATERAL DIMENSION AS NOTIFIED. ASSOCIATED EQUIPMENT WILL SUBSEQUENTLY DESCEND BY PARACHUTE. FOR INFO 01142 131050.

2022-10-0064/AS3.

F) SFC G) UNL

D0006/23

09 0830-2359, 10-13 0830-1730

DANGER AREA EG D011B WILLSWORTHY **ACTIVATED**

F) SFC G) 4500FT AMSL

H9162/22

UAS SWARM OPR WI 0.5NM RADIUS OF 532105N 0004657W (NORTH LEVERTON WITH HABBLESTHORPE, NOTTINGHAMSHIRE). SWARM COMPRISED 15 UAS. MAX HGT 400FT AGL. FOR INFO 07866 755172. 2022-12-0067/AS4.

F) SFC G) 450FT AMSL

H0020/23

0800-1700

MULTIPLE FAST JET ACFT WILL OPR FIGHTER CTL TRAINING NON-SEGREGATED WI 4 AREAS BOUNDED BY:

AREA 1:

510118N 0043133W - 510100N 0055000W - 512100N 0054100W -
514000N 0051900W - 514700N 0045800W - 514600N 0043200W -
510118N 0043133W.

AREA 2:

510118N 0043133W - 502300N 0043200W - 502000N 0051100W -
504400N 0054100W - 510000N 0054800W - 510100N 0055000W -
510118N 0043133W.

AREA 3:

510118N 0043133W - 514600N 0043200W - 513600N 0034300W -
510100N 0033700W - 510118N 0043133W.

AREA 4:

510118N 0043133W - 510100N 0033700W - 502700N 0034300W -
502300N 0043200W - 510118N 0043133W. FOR INFO 01935 452335.

2023-01-0103/AS8

F) FL100 G) FL300

H0021/23

JAN 04-MAR 25 0900-2000, MAR 26-28 0800-1900

FLYING OF LARGE MODEL ACFT WI 0.5NM RADIUS 510711N 0021652W (N OF MERE, WILTSHIRE). FOR INFO 07957843565. 2023-01-0102/AS2.

F) SFC G) 2950FT AMSL

H9548/22

SR MINUS30-SS PLUS30

FLYING OF MODEL ACFT WI 0.5NM RADIUS 521435N 0012040W (NAPTON ON THE HILL, WARWICKSHIRE). FOR INFO CONTACT 07801281492.

2023-01-0088/AS2.

F) SFC G) 1950FT AMSL

**H9333/22**

SR-SS

FLYING OF LARGE MODEL ACFT WI 1NM RADIUS 513400N 0013000W
(SPARSHOLT FIRS, OXFORDSHIRE). FOR INFO CONTACT 07454 733211.
2023-01-0044/AS2.

F) SFC G) 2210FT AMSL

H9341/22

JAN 01-MAR 25 0800-1700, MAR 26-APR 01 0700-1600

UAS OPR BEYOND VISUAL LINE OF SIGHT (BVLOS) UTILISING VISUAL
OBSERVERS (EXTENDED LINE OF SIGHT) WI AREA BOUNDED BY
514527N 0004445W - 514522N 0004410W - 514226N 0004117W -
514220N 0004214W - 514527N 0004445W (N OF PRESTWOOD,
BUCKINGHAMSHIRE). MAX HGT 500FT AGL. FOR INFO 07464 713829.
2023-01-0027/AS4

F) SFC G) 670FT AMSL

H9396/22

SR MINUS30-SS PLUS30

FLYING OF MODEL ACFT WI 0.5NM RADIUS 534830N 0025644W (WEETON,
LANCASHIRE). FOR INFO CONTACT 07591 561535 / 07771 370260.
2023-01-0055/AS2.

F) SFC G) 1500FT AMSL

H9421/22

JAN 01-MAR 25 0700-1900, MAR 26-29 0600-1800

FLYING OF LARGE MODEL ACFT WI 1NM RADIUS OF 515906N 0000951W
(BALDOCK, HERTFORDSHIRE). FOR INFO CONTACT 07710 924721.
2023-01-0059/AS2.

F) SFC G) 1800FT AMSL

H9422/22

JAN 01-MAR 25 0700-1900, MAR 26-29 0600-1800

FLYING OF LARGE MODEL ACFT WI 1NM RADIUS OF 525527N 0005747E
(BINHAM, NORFOLK). FOR INFO CONTACT 07710 924721.

2023-01-0060/AS2. F) SFC G) 1600FT AMSL

H9426/22

DEC 30-MAR 25 0700-1900, MAR 26-29 0600-1800

FLYING OF MODEL ACFT WI 0.5NM RADIUS 514259N 0001541W (LONDON
COLNEY, HERTFORDSHIRE). FOR INFO CONTACT 07710 924721.
2022-12-0224/AS2.

F) SFC G) 1905FT AMSL

J4622/22

EG R313 HAS BEEN INCORRECTLY REMOVED FROM DIGITAL VERSIONS OF MIL
AERONAUTICAL PRODUCTS HOWEVER, THE AREA IS STILL **ACTIVE** IN
ACCORDANCE WITH UK CIV AIP ENR 5-1.

DIGITAL VERSIONS OF THE CHART AMDT LOW FLYING (CALF) AND ENROUTE
BULLETIN (ERB) WITH CORRECTED COMMENTS IS **AVBL** VIA
WWW.MILFLIP.COM. PAPER VERSIONS EFFECTIVE 29 DEC 22 SHOULD BE
IGNORED.

DIGITAL VERSIONS OF UK MIL LOW FLYING CHARTS WILL BE UPDATED AT
AIRAC 01/23.

F) SFC G) FL095

H9460/22

UNMANNED CAPTIVE BALLOON IN THAMES VALLEY AVOIDANCE AREA WI
1NM RADIUS OF PSN 512524N 0005850W (READING GATE RETAIL PARK,
READING) MAX HEIGHT 200FT AGL. 22/12/116/LFC

F) SFC G) 400FT AMSL

H9489/22

SR MINUS30-SS PLUS30

FLYING OF LARGE MODEL ACFT WI 0.5NM RADIUS 505532N 0020117W
(CASHMOOR, DORSET). FOR INFO CONTACT 07909 022800.
2022-12-0270/AS2.

F) SFC G) 1900FT AMSL

**H9487/22**

MON-FRI 0900-1700

UAS OPR BEYOND VISUAL LINE OF SIGHT (BVLOS) UTILISING VISUAL OBSERVERS (EXTENDED LINE OF SIGHT) WI 1.7NM RADIUS OF 521045N 0002947W (CLAPHAM, BEDFORDSHIRE). MAX HGT 1000FT AGL. UAS SHALL REMAIN OUTSIDE CONTROLLED AIRSPACE. FOR INFO 07801 368609 / 07973 163490. 2022-12-0051/AS2.

F) SFC G) 1280FT AMSL

H9465/22

PILOTS ARE REQUESTED NOT TO OVERFLY WORK ON TINTERN WIREWORKS BRIDGE WI 0.1NM RADIUS CENTRED ON 514157N 0024054W (CHAPEL HILL, MONMOUTHSHIRE). FOR INFO 07384 234302. 2022-11-0655/AS6.

F) SFC G) 500FT AMSL

H9372/22

UNMANNED CAPTIVE BALLOON IN THE THAMES VALLEY AVOIDANCE AREA WI 1NM RADIUS OF PSN 511547N 0004404W (ALDERSHOT, HAMPSHIRE) MAX HEIGHT 200FT AGL. 22/12/080/LFC

F) SFC G) 480FT AMSL

H9407/22

0900-1700

FLYING OF LARGE MODEL ACFT WI 0.5NM RADIUS OF 533944N 0003339W (WINTERTON, LINCOLNSHIRE). FOR INFO CONTACT 07939 226911. 2022-12-0222/AS2.

F) SFC G) 1550FT AMSL

H9369/22

HEL RADAR LET DOWNS OVER THE SEA IN IMC. AIRCRAFT MAY BE UNABLE TO COMPLY WITH RAC. WITHIN 9NM RADIUS 504700N 0010800E (LYDD, KENT) WITHIN LATERAL BOUNDS OF EG D098 A-D G(AIC Y085/2022 REFERS). FOR INFO 07971 898853. 2022-12-0189/AS4.

F) SFC G) 2500FT AMSL

H9338/22

MON-SAT 0900-SS PLUS30, SUN 1000-SS PLUS30

FLYING OF MODEL ACFT WI 1NM RADIUS 515908N 0020452W (PAMINGTON, TEWKESBURY, GLOUCESTERSHIRE). FOR INFO CONTACT 07778 034399. 2022-12-0183/AS2.

F) SFC G) 1200FT AMSL

B3067/22

NEW GLIDER LAUNCHING SITE

MIDDLE WALLOP, HANTS (AD) (W AND T)

510858N 0013413W

UPPER LIMIT: 2000FT AGL

LOWER LIMIT: SFC

SITE ELEVATION: 297FT AMSL.

HOURS: WEEKENDS AND PUBLIC HOLIDAYS SR -30 TO SS +30.

UK AIP ENR 5.5 REFERS.

F) SFC G) 297FT AMSL

B3046/22

THE FOLLOWING SITES ARE NO LONGER **ACTIVE** AND ALL DETAILS TO BE REMOVED FROM ENR 5.5.

MIDDLE WALLOP HANGGLIDER SITE, HANTS (AD) - A CIRCLE, 2 NM RADIUS, CENTRED AT 510858N 0013413W.

MIDDLE WALLOP PARACHUTE SITE, HANTS (AD) - A CIRCLE, 1.5 NM RADIUS, CENTRED AT 510902N 0013405W.

UK AIP ENR 5.5 REFERS.

F) SFC G) FL150

H9101/22

0800-1700

FLYING OF MODEL ACFT WI 0.6NM RADIUS 522407N 0000619W (WARBOYS, CAMBRIDGESHIRE). FOR INFO CONTACT 07586 292737. 2022-12-0035/AS2.

F) SFC G) 1600FT AMSL

**J4271/22**

TEMPORARY **DANGER** AREA - EG D398 AND EG D498 COMPLEX (SOUTHERN NORTH SEA) - BVLOS RPAS SURVEYING. AIC Y 104/2022 EXTENDED UNTIL 28 FEBRUARY 2023.

F) SFC G) 1000FT AMSL

V0037/22

SECURITY - HAZARDOUS SITUATION IN UKRAINE. IN ACCORDANCE WITH **DIRECTION** UNDER THE AVIATION SECURITY ACT 1982, UK REGISTERED OPERATORS SO SERVED ARE PROHIBITED TO ENTER THE LVIV (UKLV), SIMFEROPOL (UKFV), ODESA (UKOV), KYIV (UKBV) AND DNIPROPETROVSK (UKDV) FIR / TERRITORY AND AIRSPACE OF UKRAINE. POTENTIAL RISK FROM ANTI-AIRCRAFT WEAPONRY AND HEIGHTENED MILITARY ACTIVITY. UK OPERATORS NOT CURRENTLY SUBJECT TO **DIRECTION** UNDER THE AVIATION SECURITY ACT SHOULD CONTACT UK DEPARTMENT FOR TRANSPORT (DFT) BEFORE OPERATING IN THIS AREA. CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207-082 6639 OR +44 (0)207-944 5999 OUT OF HOURS. 2022-02-0359/AS6.

F) SFC G) UNL

H8970/22

0900-SS PLUS30

FLYING OF MODEL ACFT WI 0.5NM RADIUS 510718N 0021047W (MONKTON DEVERILL, WILTSHIRE). FOR INFO CONTACT 07962 013388.

2022-11-0612/AS4.

F) SFC G) 2300FT AMSL

H8924/22

NOV 18-19 25-26 DEC 01-04 08-11 15-24 26-31 JAN 01-02 06-07 13-14 , 1600-2200

SEARCHLIGHT DISPLAY WI 1NM RADIUS: 532948N 0010153W (AUCKLEY, SOUTH YORKSHIRE). FOR INFO 07909 112948. 2022-11-0562/AS4.

F) SFC G) UNL

H8913/22

UNMANNED CAPTIVE BALLOON IN LOW FLYING AREA 8 AND THE NOTTINGHAM AVOIDANCE AREA 1NM RADIUS OF PSN 525510N 0011550W (STAPLEFORD, NOTTINGHAM) MAX HEIGHT 200FT AGL. 22/11/073/LFTP

F) SFC G) 650FT AMSL

H8883/22

SR MINUS30-SS PLUS30

FLYING OF LARGE MODEL ACFT WI 0.5NM RADIUS 524650N 0004242W (BUCKMINSTER, GRANTHAM). FOR INFO CONTACT 07778 287350.

2022-11-0516/AS4.

F) SFC G) 2100FT AMSL

H8778/22

NOV 10 12 13 16-20 23-27 30 1600-2000, DEC 01-04 06-11 14-23 , 27-31 1600-2000, JAN 01 02 06-08 13-15 20-22 1600-2200

SEARCHLIGHT DISPLAY WI 1NM RADIUS: 515033N 0005617W (WADDES DON, BUCKINGHAMSHIRE). FOR INFO 0800 024 1234. 2022-11-0454/AS4.

F) SFC G) UNL

H8830/22

LASER WI 0.5NM RADIUS: 510842N 0012622W (CHILBOLTON, HAMPSHIRE). FOR INFO 07748 648081. 2022-10-0034/AS7.

F) SFC G) UNL

**V0034/22**

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT FOR TRANSPORT
- HAZARDOUS SITUATION IN NORTH KOREA / SEA OF JAPAN. UK REGISTERED
AIR OPERATORS ARE RECOMMENDED NOT TO ENTER FIR PYONGYANG (ZKKP)
AND ARE ADVISED TO TAKE POTENTIAL RISK INTO ACCOUNT IN THEIR RISK
ASSESSMENT AND ROUTING DECISIONS OVER THE SEA OF JAPAN (WITHIN THE
GEOGRAPHICAL COORDINATES OF 1280000E AND 1400000E DEGREES OF
LONGITUDE). POTENTIAL RISK FROM UNANNOUNCED MISSILE TESTS. CONTACT
UK DEPARTMENT FOR TRANSPORT +44 (0)207 0826639 OR +44 (0)207
9445999 OUT OF HOURS. 2022-11-0405/AS6

F) SFC G) UNL

H8690/22

AERIAL SPORTING AND RECREATIONAL ACTIVITIES
NORTH HILL GLIDER SITE (505107N 0031639W) - AMEND UPPER LIMIT TO
3000FT AGL.

UK AIP ENR 5.5, VFR CHART 1:500,000 SOUTHERN ENGLAND AND WALES,
1:250,000 SHEET 7 THE WEST AND SOUTH WALES REFER.

F) SFC G) 3921FT AMSL

H8478/22

0900-2100

UAS OPR WI 0.5NM RADIUS OF 534202N 0011955W (PONTEFRACT, WEST
YORKSHIRE) MAX HGT 1500FT AGL. FOR INFO 07802 725231.

2022-11-0192/AS4.

F) SFC G) 1800FT AMSL

H8227/22

1000-1930

FLYING OF LARGE MODEL ACFT WI 1NM RADIUS 533249N 0014224W (VCY
PENISTONE, YORKSHIRE). FOR INFO CONTACT 07778 792349.

2022-10-0406/AS4.

F) SFC G) 2450FT AMSL

H8409/22

0900-1700

UNMANNED CAPTIVE BALLOON IN LOW FLYING AREA 8 AND BIRMINGHAM
AVOIDANCE AREA WI 1NM RADIUS OF PSN 522551N 0012917W

(VANTAGE PARK, COVENTRY) MAX HEIGHT 200FT AGL. 22/10/153/LFC

F) SFC G) 600FT AMSL

V0030/22

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT FOR
TRANSPORT.

SECURITY - HAZARDOUS SITUATION IN ETHIOPIA.

UK REGISTERED AIR OPERATORS ARE ADVISED TO TAKE POTENTIAL RISK
INTO ACCOUNT IN THEIR RISK ASSESSMENT AND ROUTING DECISIONS WITHIN
THE ADDIS ABABA FIR (HAAA) / TERRITORY AND AIRSPACE OF ETHIOPIA.
POTENTIAL RISK FROM ANTI-AIRCRAFT WEAPONRY.

CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207-082 6639 OR +44
(0)207-944 5999 OUT OF HOURS. 2021-09-0870/AS6.

F) SFC G) UNL

H8420/22

OCT 27-29 0700-1600, OCT 30-JAN 22 0800-1700

UNMANNED CAPTIVE BALLOON IN LOW FLYING AREA 8 AND LIVERPOOL/
MANCHESTER AVOIDANCE AREA 1NM RADIUS OF PSN 532423N 0023547W

(WARRINGTON, CHESHIRE) MAX HEIGHT 200FTAGL. 22/10/157/LFC

F) SFC G) 350FT AMSL

H8193/22

OCT 24-29 0800-2000, OCT 30-JAN 22 0900-2100

FLYING OF LARGE MODEL ACFT WI 1NM RADIUS 522930N 0010010W (GUMLEY,
LEICESTERSHIRE). FOR INFO CONTACT 07824 862575. 2022-10-0353/AS4.

F) SFC G) 2100FT AMSL

**H8387/22**

SR-SS

FLYING OF LARGE MODEL ACFT WI 0.5NM RADIUS 514901N 0015625W
(CHEDWORTH, GLOUCESTERSHIRE). FOR INFO CONTACT 07816 506828.
2022-10-0472/AS4.

F) SFC G) 2350FT AMSL

H8315/22

OCT 22-29 0700-1600, OCT 30-JAN 20 0800-1700

FLYING OF LARGE MODEL ACFT WI 0.5NM RADIUS 532536N 0002754W
(BISHOP NORTON, LINCOLNSHIRE). FOR INFO CONTACT 07851 515104.
2022-10-0436/AS4.

F) SFC G) 1550FT AMSL

H2155/22

SR-SS

KITE FLYING FOR FALCONRY PURPOSES AT VARIOUS POSITIONS WI 0.5NM
RADIUS 530842N 0012941W (HOLESTONE MOOR, NEAR ASHOVER). LARGE
BIRDS OF PREY FLYING TO/FROM THE KITE. FOR INFO, TEL 07860 331351.
2022-04-0403/AS7.

F) SFC G) 2000FT AMSL

H8088/22

OCT 14-29 1000-2300, OCT 30-JAN 14 1100-2359

UAS SWARM OPR WI 1NM RADIUS OF 522124N 0010426W (WINWICK,
NORTHAMPTONSHIRE). SWARM COMPRISED 200 UAS. MAX HGT 400FT AGL. FOR
INFO 07970 017256. 2022-10-0302/AS2.

F) SFC G) 950FT AMSL

H8114/22

UAS OPR EXTENDED VISUAL LINE OF SIGHT WI 0.5NM RADIUS OF
510636N 0020223W (CHILMARK, WILTSHIRE). MAX HGT 1500FT AGL. FOR
INFO 01722 744946. 2022-10-0304/AS2.

F) SFC G) 2200FT AMSL

V0028/22

CURRENT AIRSPACE WARNING - SECURITY - HAZARDOUS SITUATION IN IRAQ
- REPLACE THE CURRENT ENTRY WITH THE FOLLOWING:

UK REGISTERED AIR OPERATORS ARE RECOMMENDED TO MAINTAIN A FLIGHT
LEVEL EQUAL TO, OR ABOVE, FL320 IN FIR BAGHDAD (ORBB). POTENTIAL
RISK FROM ANTI-AIRCRAFT WEAPONRY. CONTACT UK DEPARTMENT FOR
TRANSPORT +44 (0)207-082 6639 OR +44 (0)207-944 5999 OUT OF HOURS.
UK AIP ENR 1.1, PARAGRAPH 1.4.5 REFERS.

F) SFC G) UNL

=====
EXTENDED AREA AROUND DESTINATION
=====

KZME **MEMPHIS FIR/UIR**

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

01/554 **VALID: 09-JAN-23 1815 - 09-JAN-23 1900**

AIRSPACE AR111(E) ACT FL250-FL290

01/050

AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER
SIDE OF A LINE FM LIT338033 TO LIT017035 SFC-2500FT DLY 1500-0700

01/545 **VALID: 09-JAN-23 1300 - 10-JAN-23 0559**

AIRSPACE MERIDIAN 2 WEST MOA ACT 8000FT UP TO BUT
NOT INCLUDING FL180

01/544 **VALID: 09-JAN-23 1300 - 10-JAN-23 0559**

AIRSPACE MERIDIAN 2 EAST MOA ACT 8000FT UP TO BUT
NOT INCLUDING FL180

**A0340/22**

ZME TN..ROUTE ZME ZTL.

V67 CHOO CHOO (GQO) **VORTAC**, TN TO SHELBYVILLE (SYI) **VOR/DME**, TN MEA 4400.**A0276/22**

RDO ALTIMETER UNREL WI MEMPHIS 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

A0279/22V74 MALTS, OK TO FORT SMITH (FSM) **VORTAC**, AR MEA 3100.**A0039/22**

ROUTE ZME.

V527 HOT SPRINGS (HOT) **VOR/DME**, AR TO HIDER, AR MEA 4500 SOUTHEASTBOUND.

V527 HIDER, AR TO ROVER, AR DISREGARD MOCA 3200.

A0229/21

ZME ZHU.

V194 MC COMB (MCB) **VORTAC**, MS TO MIZZE, MS MEA 3500. V194 MIZZE, MS MCA 3500 SOUTHWEST BOUND.**10/203**

AIRSPACE UAS WI AN AREA DEFINED AS 361534N0940158W

(6NM NE ASG) TO 361540N0940309W (5.1NM NE ASG) TO 361315N0940607W (2.4NM NE ASG) TO 361335N0941510W (4.6NM SE XNA) TO 361355N0942000W (3.7NM SSW XNA) TO 361106N0942126W (5.8NM SW XNA) TO 360816N0942129W (7.3NM SE SLG) TO 360812N0943053W (3.1NM SSW SLG) TO 361030N0943220W (2.4NM SW SLG) TO 361036N0944125W (9.3NM WSW SLG) TO 360943N0944125W (9.3NM WSW SLG) TO 360942N0944658W (13.6NM WSW SLG) TO 360338N0945323W (8.8NM NE TQH) TO 355406N0945336W (5.3NM ESE TQH) TO 354850N0945517W (5NM NEN 44M) TO 353821N0945924W (5.1NM SW 44M) TO 353732N0944855W (7.9NM SE 44M) TO 353730N0944414W (8.9NM SW 1PP) TO 353821N0944414W (7.9NM SW 1PP) TO 353822N0942822W (10.8NM SE 1PP) TO 354436N0942926W (7.3NM ESE 1PP) TO 354422N0941351W (20NM E 1PP) TO 354316N0941354W (20NM ESE 1PP) TO 354107N0935720W (11.1NM NW 7M5) TO 354433N0934627W (13.3NM NE 7M5) TO 354614N0934235W (16.3NM NE 7M5) TO 354554N0933422W (18.8NM NE 7M5) TO 355354N0933001W (16.7NM SE H34) TO 355442N0933218W (14.4NM SE H34) TO 355544N0934054W (10.3NM SE H34) TO 355629N0934400W (8.4NM SSE H34) TO 360015N0934447W (4.3NM SSE H34) TO 360236N0934608W (2.3NM SW H34) TO 360653N0934613W (1NM NW H34) TO 361119N0934757W (6NM NNW H34) TO 361353N0935048W (9NM NW H34) TO 361528N0935607W (9.6NM NE ASG) TO 361518N0940113W (6NM NE ASG) TO POINT OF ORIGIN SFC-200FT AGL

A0159/21

ROUTE ZME ZFW.

V532 AKINS, OK TO OKMULGEE (OKM) **VOR/DME**, OK MOCA 2300.**A0141/21**V18 MAGNOLIA (MHZ) **VORTAC**, MS R-094 TO FANEN INT, MS **DME** REQUIRED EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.MCB **VOR** R-014 **UNUSABLE**.**05/328**

AIRSPACE AEROBATIC ACFT WI AN AREA DEFINED AS 1NM

RADIUS OF BNA297025 SFC-3500FT AVOIDANCE ADZ DLY SR-SS

A0077/21

ROUTE ZME ZFW.

V397 MONROE (MLU) **VORTAC**, LA TO RUTTS, AR MOCA 1900.

**A0058/21**

V303, V532 BLURB, AR TO BLIMP, AR MEA 4100 NORTHWEST BOUND, 5000 SOUTHEAST BOUND.

PGO **VORTAC** R-076/D54DME USUABLE 5000-17500.

A0057/21

V303 HOT SPRINGS (HOT) **VOR/DME**, AR TO BLURB, AR MEA 5000 NORTHWEST BOUND, 3500 SOUTHEAST BOUND.

PGO **VORTAC** R-076/D54DME USUABLE 5000 17500.

A0056/21

ROUTE ZME ZTL.

V54 ROCKET (RQZ) **VORTAC**, AL TO CHOO CHOO (GQO) **VORTAC**, TN MEA 4600.

A0055/21

ROUTE ZME.

V54 TANNE, AL TO ROCKET (RQZ) **VORTAC**, AL MEA 3000.

A0054/21

ROUTE ZME.

V54 MALVE, AR TO LITTLE ROCK (LIT) **VORTAC**, AR MEA 2100.

01/234

AIRSPACE UAS WI AN AREA DEFINED AS .6NM RADIUS OF 321816N0905135W (5.2NM NE VKS) SFC-400FT AGL

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

12/408

AIRSPACE R3701A ACT SFC-5000FT

12/407

AIRSPACE R3702A ACT SFC-10000FT

12/406

AIRSPACE R3702B ACT 10000FT-FL220

=====
EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)
=====

KZKC

KANSAS CITY FIR/UIR

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

01/776 VALID: 09-JAN-23 2031 - 09-JAN-23 2110

AIRSPACE LINDBERGH A MOA ACT 7000FT-17000FT

01/774 VALID: 09-JAN-23 2010 - 09-JAN-23 2110

AIRSPACE SALEM MOA ACT 200FT-6999FT

01/770 VALID: 09-JAN-23 1910 - 10-JAN-23 0150

AIRSPACE CANNON A MOA ACT 300FT UP TO BUT NOT INCLUDING FL180

01/769 VALID: 09-JAN-23 1910 - 10-JAN-23 0150

AIRSPACE CANNON B MOA ACT 100FT UP TO BUT NOT INCLUDING FL180

A0014/23 VALID: 09-JAN-23 1830 - 09-JAN-23 2230

GPS (WSMRNM GPS 23-02) (INCLUDING WAAS, GBAS, AND ADS-B) MAY NOT BE **AVBL** WI A 348NM RADIUS CENTERED AT 331138N1062151W (TCS083046) FL400-UNL, 288NM RADIUS AT FL250, 209NM RADIUS AT 10000FT, 208NM RADIUS AT 4000FT AGL, 141NM RADIUS AT 50FT AGL.

F) SEE TEXT G) SEE TEXT

01/757 VALID: 09-JAN-23 1630 - 09-JAN-23 2100

AIRSPACE AR400(N) ACT FL240-FL260

**3/1934**

KS..AIRSPACE WASHINGTON, KANSAS..TEMPORARY FLIGHT RESTRICTIONS WI AN AREA DEFINED AS 2NM RADIUS OF 395002N0965959W (PWE234042.7) SFC-2000FT AGL OIL LEAK. PURSUANT TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT. ONLY RELIEF ACFT OPS UNDER **DIRECTION** OF DAVID MANN ARE AUTH IN THE AIRSPACE. DAVID MANN TEL 403-466-3597 IS IN CHARGE OF ON SCENE EMERG RESPONSE ACT. KANSAS CITY /ZKC/ ARTCC TEL 913-254-8500 IS THE FAA CDN FACILITY.

01/052

AIRSPACE HIGH SPEED ACFT WI AN AREA DEFINED AS MAP021060 TO FAM022028 TO FAM107045 TO FAM206035 TO MAP214060 TO MAP214053 TO MAP268035 TO MAP287044 TO MAP316036 TO MAP347040 TO MAP011049 TO POINT OF ORIGIN SFC-10000FT AVOIDANCE ADZ

01/051

AIRSPACE HIGH SPEED ACFT WI AN AREA DEFINED AS UIN357045 TO UIN077071 TO UIN079107 TO UIN093100 TO UIN112085 TO UIN171053 TO UIN217037 TO UIN253057 TO UIN280063 TO POINT OF ORIGIN SFC-10000FT AVOIDANCE ADZ

A0010/23

ZKC IA..ROUTE ZKC ZAU.
V52 OTTUMWA (OTM) **VOR/DME**, IA TO LOAMY, MO NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
OTM **VOR/DME** R-140, 21NM TO COP **UNUSABLE**.

A0009/23

ZKC MO..ROUTE ZKC.
V52 LOAMY, MO TO QUINCY (UIN) **VORTAC**, IL MEA 2700.
OTM **VOR/DME** 1643 TOWER (17-001519).

A0354/22

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 375430N1014710W (LAA100046.0) TO 382448N1004901W (GCK341030.0) TO 375255N1001748W (DDC270013.9) TO 372908N1010847W (GCK207032.8) 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

A0356/22

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 392827N0984727W (TKO221031.6) TO 403106N0933009W (LMN095021.7) TO 404711N0914051W (OTM110032.7) TO 400015N0894556W (SPI339010.7) TO 395954N0881637W (CMI178002.2) TO 395158N0880838W (CMI146011.8) TO 382831N0880520W (BIB142032.4) TO 380752N0881416W (PXV296025.6) TO 374323N0881927W (PXV242029.3) TO 373224N0884635W (CNG002032.0) TO 370803N0903806W (FAM210037.6) TO 364110N0932335W (HRO335023.7) TO 362654N0943915W (RZC291028.5) TO 361253N0952355W (TUL079018.9) TO 360107N0953704W (TUL134013.5) TO 355222N0960256W (OKM313014.0) TO 353815N0962433W (OKM255026.7) TO 352709N0970527W (IRW070026.0) TO 352927N0973435W (IRW004008.1) TO 355442N0975300W (END171026.1) TO 354932N0982924W (END217041.7) TO 363223N0970320W (PER152013.4) TO 382026N0984155W (HYS128040.8) 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

**A0355/22**

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
392535N0985319W (TKO222037.0) TO 384308N0985600W (HYS106017.8) TO
382657N0992118W (HYS179024.2) TO 385421N0995245W (HLC135026.7) 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

A0357/22

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
355045N1000218W (MMB184030.9) TO 361712N1011305W (MMB257064.8) TO
372516N1011849W (GCK212040.9) TO 371745N1003442W (GCK158038.1) 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

A0346/22

ZKC OK..ROUTE ZKC.
V14 TOTES, OK TO DROPS, OK MOCA 3100.

A0345/22

ZKC MO..ROUTE ZKC.
V14, V88 VICHY (VIH) **VOR/DME**, MO TO STEER, MO MOCA 2400.

A0315/22

V74 MALTS, OK TO FORT SMITH (FSM) **VORTAC**, AR MEA 3100.

A0290/22

V173 SPINNER (SPI) **VORTAC**, IL TO PEOTONE (EON) **VORTAC**, IL MOCA
2400.

A0161/22

V280 MITBEE (MMB) **VORTAC**, OK R-015 TO CARO INT, KS MEA 4100.

A0119/22

V77 FLOSS INT, KS TO WILSY INT, KS MOCA 3000.

A0083/22

V190 MITBEE (MMB) **VORTAC**, OK R-049 TO CARON, OK MOCA 4100.

A0296/21

ROUTE ZKC ZDV.
V132 RANSO INT, KS TO ORION INT, KS MOCA 4500.

A0288/21

V77 WICHITA (ICT) **VORTAC**, KS TO FLOSS INT, KS NA BELOW 4000.
ICT **VORTAC** R-035 **UNUSABLE**.

A0248/21

V532 SALINA (SLN) **VORTAC**, KS TO COP MEA 6000.

A0207/21

ROUTE ZKC.
V508 TOPEKA (TOP) **VORTAC**, KS TO RUGBB, KS MEA 2900.

08/043

AIRSPACE UAS WI AN AREA DEFINED AS 2NM RADIUS OF
381210N0973419W (3.5NM W 47K) SFC-400FT AGL THU FRI MON TUE WED
SR-SS

A0205/21

ROUTE ZKC ZMP.
V532 SALINA (SLN) **VORTAC**, KS TO LINCOLN (LNK) **VORTAC**, NE MOCA
3100.

A0173/21

ROUTE ZKC.
V132, V502 DISKS, KS TO HUTCHINSON (HUT) **VOR/DME**, KS MOCA 3400.

**A0172/21**

ROUTE ZKC.

V502 BRAYMER (BQS) **VOR/DME**, MO TO KIRKSVILLE (IRK) **VORTAC**, MO MEA 3000.**A0092/21**V17 GARDEN CITY (GCK) **VORTAC**, KS TO COFFE, KS MOCA 4700.**A0046/21**V67 SPINNER (SPI) **VORTAC**, IL TO BURLINGTON (BRL) **VOR/DME**, IA MOCA 2300.

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

01/732 VALID: 10-JAN-23 0601 - 11-JAN-23 0600

AIRSPACE R4501H ACT SFC-3200FT

01/731 VALID: 10-JAN-23 0601 - 10-JAN-23 1259

AIRSPACE R4501F ACT SFC-3200FT

01/714 VALID: 10-JAN-23 0000 - 10-JAN-23 0600

AIRSPACE R4501F ACT SFC-3200FT

01/633 VALID: 09-JAN-23 0601 - 10-JAN-23 0600

AIRSPACE R4501H ACT SFC-3200FT

=====

EXTENDED AREA AROUND ETOPS SUITABLE AIRPORTS(S)

=====

EGPX**SCOTTISH FIR/UIR**

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

B0068/23 VALID: 10-JAN-23 0001 - 10-JAN-23 2359

CAUTION - LOW ATMOSPHERIC PRESSURE IS FORECAST IN THE SCOTTISH TMA. ALL PILOTS, ESPECIALLY THOSE INBOUND TO, OR OUTBOUND FROM, GLASGOW, EDINBURGH, PRESTWICK, ABERDEEN, NEWCASTLE, BELFAST (ALDERGROVE), AND BELFAST CITY ARE REQUESTED TO EXERCISE EXTREME **CAUTION** WHEN DESCENDING OR CLIMBING THROUGH THE TRANSITION LEVEL/ALTITUDE DUE TO THE SIGNIFICANT DIFFERENCE BETWEEN THE AERODROME QNH AND THE STANDARD PRESSURE SETTING.

B0039/23 VALID: 09-JAN-23 2030 - 09-JAN-23 2130SCOTTISH FIR SECTOR FREQ 119.875MHZ **NOT AVBL**. USE ALTERNATIVE FREQ 124.5MHZ. CONTACT 0044129 4655300**B0035/23 VALID: 09-JAN-23 1900 - 09-JAN-23 2000**SCOTTISH MORAY LOW SECTOR FREQ 134.850MHZ **NOT AVBL**. USE ALTERNATIVE FREQ 133.875MHZ. CONTACT 004412 94655300**B0034/23 VALID: 09-JAN-23 1800 - 09-JAN-23 1900**SCOTTISH HEBRIDES LOW FREQ 128.675MHZ **NOT AVBL**. USE ALTERNATIVE FREQ 125.950MHZ. CONTACT 004412 94655300**B0064/23 VALID: 09-JAN-23 0001 - 09-JAN-23 2359**

CAUTION - LOW ATMOSPHERIC PRESSURE IS FORECAST IN THE SCOTTISH TMA. ALL PILOTS, ESPECIALLY THOSE INBOUND TO, OR OUTBOUND FROM, GLASGOW, EDINBURGH, PRESTWICK, ABERDEEN, NEWCASTLE, BELFAST (ALDERGROVE), AND BELFAST CITY ARE REQUESTED TO EXERCISE EXTREME **CAUTION** WHEN DESCENDING OR CLIMBING THROUGH THE TRANSITION LEVEL/ALTITUDE DUE TO THE SIGNIFICANT DIFFERENCE BETWEEN THE AERODROME QNH AND THE STANDARD PRESSURE SETTING.

**B3209/22**

AIC Y065 (UK NOTAM A SERIES CHANGES) IS CANCELLED.
THE FOLLOWING **AD** REVERT BACK TO BEING ISSUED AS AN ALPHA SERIES
NOTAM SOUTHEND (EGMC)
NORWICH (EGSH)
LIVERPOOL (EGGP)
CAMBRIDGE (EGSC)
CARDIFF (EGFF)

B2846/22

TRIGGER NOTAM - PERM AIRAC AIP AMDT 13/22 WEF 29 DEC 22.
MULTIPLE GEN AND ENR CHANGES, SEE COVER SHEET FOR FULL DETAILS

K0596/22

AIR NAV OBST LGT **U/S** (CHIMNEY) 560043N 0034409W (GRANGEMOUTH).
HGT 260FT AGL/ 280FT AMSL. FOR INFO 07734 23007. 2022-12-0273/AS8.

B2496/22

UK AIRAC AMDT 12/2022 WEF 01 DEC 2022 HAS ACCIDENTALLY REMOVED
ATS ROUTE P25 FROM ENR 3.2. P25 SHOULD BE REINTRODUCED IN ENR 3.2
AS DEPICTED IN THE AIP WEF 03 NOV 2022.
UK AIP ENR 3.2 REFERS.

B2463/22

ATS SURVEILLANCE SERVICES AND PROCEDURES - UK SSR CODE ALLOCATION
PLAN - ADD NEW ENTRY:
4540 - 4541 RAF HONINGTON CONSPICUITY CODE
UK AIP ENR 1.6 REFERS.

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

H0101/23 VALID: 10-JAN-23 0600 - 13-JAN-23 1600

0600-1600
PIPELINE INSPECTION NOTIFICATION PROCEDURE SYSTEM (PINS) WILL
TAKE PLACE IN THE FOLLOWING LOW FLYING AREAS -
1,2,3,4,5,6,7N,7S,8,9,10,11N,11S,12,13,14W,14E,16,17,18,19 AND THE
THAMES VALLEY AVOIDANCE AREA. MAX HEIGHT 2000FT AGL. UK AIP ENR 6
(PINS AREAS AND UK DAY LOW FLYING SYSTEM (DLFS))REFERS.
23/01/017/LFC F) SFC G) 6500FT AMSL

D0011/23 VALID: 09-JAN-23 1503 - 09-JAN-23 2200

DANGER AREA EG D703 TAIN DEACTIVATED
F) SFC G) 15000FT AMSL

H9481/22

CIVIL AIRCRAFT NOTIFICATION PROCEDURE - UNDERSLUNG LOADS WILL
OPERATE LOW FLYING AREA 14 WI 2NM RADIUS OF PSN 561348N 0042522W,
(LOCH KATRINE, STIRLINGS SHIRE). MAX HEIGHT 500FT AGL. ACFT MAY BE
RESTRICTED IN ABILITY TO MANOEUVRE AND UNABLE TO COMPLY WITH RAC
OPS CTC 07909 464163. 22/12/122/LFC
F) SFC G) 3000FT AMSL

H0043/23

0900-1700
FLYING OF LARGE MODEL ACFT WI 0.5NM RADIUS 554821N 0033530W
(COBBINSHAW RESERVOIR, SOUTH LANARKSHIRE FOR INFO CTC 07761
645644. 2022-12-0084 /AS4.
F) SFC G) 2200FT AMSL

H9546/22

SR MINUS30-SS PLUS30
FLYING OF LARGE MODEL ACFT WI 0.5NM RADIUS 564534N 0023507W
(MONTROSE, ANGUS). FOR INFO CONTACT 07545082141. 2023-01-0094/AS2.
F) SFC G) 1900FT AMSL

**H9462/22**

0900-1900

UAS OPR WI 1NM RADIUS OF 602604N 0011727W (SCATSTA AD, SHETLAND). MAX HGT 1000FT AGL. FOR INFO 07596 012891. 2022-12-0252/AS2.

F) SFC G) 1000FT AMSL

J4291/22

TEMPORARY **DANGER** AREA - EG D898 (FLOTTA) - BVLOS RPAS SURVEYING. AIC Y 097/2022 CANCELLED WIE.

F) SFC G) 1000FT AMSL

V0037/22

SECURITY - HAZARDOUS SITUATION IN UKRAINE. IN ACCORDANCE WITH **DIRECTION** UNDER THE AVIATION SECURITY ACT 1982, UK REGISTERED OPERATORS SO SERVED ARE PROHIBITED TO ENTER THE LVIV (UKLV), SIMFEROPOL (UKFV), ODESA (UKOV), KYIV (UKBV) AND DNIPROPETROVSK (UKDV) FIR / TERRITORY AND AIRSPACE OF UKRAINE. POTENTIAL RISK FROM ANTI-AIRCRAFT WEAPONRY AND HEIGHTENED MILITARY ACTIVITY. UK OPERATORS NOT CURRENTLY SUBJECT TO **DIRECTION** UNDER THE AVIATION SECURITY ACT SHOULD CONTACT UK DEPARTMENT FOR TRANSPORT (DFT) BEFORE OPERATING IN THIS AREA. CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207-082 6639 OR +44 (0)207-944 5999 OUT OF HOURS. 2022-02-0359/AS6.

F) SFC G) UNL

H8914/22

UNMANNED CAPTIVE BALLOON IN LOW FLYING AREA 16 AND THE EDINBURGH AVOIDANCE AREA 1NM RADIUS OF PSN 555715N 0030720W (EDINBURGH) MAX HEIGHT 200FT AGL. 22/11/072/LFTP

F) SFC G) 550FT AMSL

V0034/22

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT FOR TRANSPORT - HAZARDOUS SITUATION IN NORTH KOREA / SEA OF JAPAN. UK REGISTERED AIR OPERATORS ARE RECOMMENDED NOT TO ENTER FIR PYONGYANG (ZKKP) AND ARE ADVISED TO TAKE POTENTIAL RISK INTO ACCOUNT IN THEIR RISK ASSESSMENT AND ROUTING DECISIONS OVER THE SEA OF JAPAN (WITHIN THE GEOGRAPHICAL COORDINATES OF 1280000E AND 1400000E DEGREES OF LONGITUDE). POTENTIAL RISK FROM UNANNOUNCED MISSILE TESTS. CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207 0826639 OR +44 (0)207 9445999 OUT OF HOURS. 2022-11-0405/AS6

F) SFC G) UNL

V0030/22

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT FOR TRANSPORT.

SECURITY - HAZARDOUS SITUATION IN ETHIOPIA.

UK REGISTERED AIR OPERATORS ARE ADVISED TO TAKE POTENTIAL RISK INTO ACCOUNT IN THEIR RISK ASSESSMENT AND ROUTING DECISIONS WITHIN THE ADDIS ABABA FIR (HAAA) / TERRITORY AND AIRSPACE OF ETHIOPIA. POTENTIAL RISK FROM ANTI-AIRCRAFT WEAPONRY.

CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207-082 6639 OR +44 (0)207-944 5999 OUT OF HOURS. 2021-09-0870/AS6.

F) SFC G) UNL

V0028/22

CURRENT AIRSPACE WARNING - SECURITY - HAZARDOUS SITUATION IN IRAQ - REPLACE THE CURRENT ENTRY WITH THE FOLLOWING:

UK REGISTERED AIR OPERATORS ARE RECOMMENDED TO MAINTAIN A FLIGHT LEVEL EQUAL TO, OR ABOVE, FL320 IN FIR BAGHDAD (ORBB). POTENTIAL RISK FROM ANTI-AIRCRAFT WEAPONRY. CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207-082 6639 OR +44 (0)207-944 5999 OUT OF HOURS. UK AIP ENR 1.1, PARAGRAPH 1.4.5 REFERS.

F) SFC G) UNL



BGGL

SONDRESTROM FIR

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

B0018/23

OBST LIGHTS TUNULLIARFIK 605342N0460112W U/S..

B0019/23

OBST LIGHTS IGALIKU FJORD 604830N0453824W U/S.

A0613/22

ALL FLIGHTS TO/FROM AIRPORTS OF GREENLAND, OR OVERFLYING GREENLANDIC AIRSPACE FROM BELARUSSIAN AIRSPACE, ARE NOT ALLOWED IF AIRCRAFT ARE OPERATED BY BELARUSSIAN AIR CARRIERS AND/OR REGISTRATED IN BELARUS EXCEPT FOR AIRCRAFT IN EMERGENCY OR HUMANITARIAN FLIGHTS.

A0601/22

UKRAINE CRISIS: THE GOVERNMENT OF DENMARK HAS DECIDED THAT APPLICABLE AS OF 27 FEBRUARY 2022 AT 2300 UTC NO AIRCRAFT OWNED, CHARTERED OR OPERATED BY CITIZENS OF THE RUSSIAN FEDERATION, OPERATORS HOLDING AIR OPERATOR CERTIFICATE (AOC) ISSUED BY THE RUSSIAN FEDERATION AUTHORITIES OR AIRCRAFT REGISTERED IN THE RUSSIAN FEDERATION SHALL ENTER, EXIT OR OVERFLY THE AIRSPACE OF THE KINGDOM OF DENMARK (INCLUDING GREENLAND AND THE FAROE ISLANDS), INCLUDING IN THE AIRSPACE ABOVE THE KINGDOM OF DENMARKS TERRITORIAL SEA. THIS DOES NOT APPLY TO HUMANITARIAN, SAR AND LEASED AIRCRAFT ONE-WAY RETURN FLIGHTS WITH THE PERMISSION OF THE DANISH CIVIL AVIATION AND RAILWAY AUTHORITY OR IN CASE OF EMERGENCY LANDING OR EMERGENCY OVERFLIGHT. APPLICATIONS FOR PRIOR APPROVAL FOR EXEMPTED FLIGHTS SHALL BE SUBMITTED TO INFO(AT)TRAFIKSTYRELSEN.DK AT LEAST 48 HOURS BEFORE FLIGHT.

A0600/22

UKRAINE CRISIS: VOLATILE SITUATION ALONG BORDER UKRAINE/RUSSIA AND POSSIBLE USE OF A WIDE RANGE OF GROUND AND AIRBORNE WARFARE SYSTEMS POSES A HIGH RISK FOR CIVIL FLIGHTS OPERATING AT ALL ALTITUDES AND FLIGHT LEVELS.

DANISH AND GREENLANDIC AIR OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN DENMARK ARE ADVISED TO TAKE ALL POTENTIAL RISK INTO ACCOUNT IN RISK ASSESSMENT AND FLIGHT PLANNING DECISIONS WHEN OPERATING IN FOLLOWING AIRSPACES: MOSCOW (UUWV), ROSTOV (URRV), FIR LVIV (UKLV), FIR KYIV (UKBV), FIR DNIPROPETROVSK (UKDV), FIR SIMFEROPOL (UKFV), FIR ODESA (UKOV), FIR MINSK (UMMV), FIR CHISINAU (LUUU)

B1656/22

OBST LIGHTS PARTLY MISSING ON TRANSMISSION CABLE TOWERS AT TUNULLIARFIK AT PSN:
605342N0460112W
605254N0455957W.
MAX ELEV 922 FT AMSL.

B1655/22

OBST LIGHTS PARTLY MISSING ON TRANSMISSION CABLE TOWERS, IDENTIFICATION SPHERES ON CABLES MISSING AT KANGERLLUARSUK AT PSN:
605130N0455730W
605024N0455648W.
MAX ELEV 598FT AMSL.
CNS123W SEQUENCE CHECK FOR BGSFYNYX B --
EXPECTED B1656/22 -- RECEIVED B1655/22
CNN038W DUPLICATE NOTAM
TRANSACTION ROLLED BACK, RETCODE = 14

**B1654/22**

OBST LIGHTS PARTLY MISSING ON TRANSMISSION CABLE AND TOWERS
AT IGALIKU FJORD, PSN:
604830N0453824W - 604654N0453600W.
ELEV 1463FT AMSL.

+++++ WAYPOINT +++++

A0537/22

KOOK ISLAND **NDB** KU FREQ 298 KHZ PSN 640412N0520047W
OUT OF SERVICE.

=====
AREA ENROUTE DEPARTURE - DESTINATION
=====

EGPX **SCOTTISH FIR/UIR**

Please see section EXTENDED AREA AROUND ETOPS SUITABLE AIRPORTS(S)

EISN **SHANNON FIR/UIR**

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

N0002/23

OBST LIGHT **OUT OF SERVICE** AT WINDFARM TAURBEG CO CORK
POSITION 521452.0584N 0090740.3644W, HEIGHT 351FT/ELEVATION
1638FT.

B1504/22

TRIGGER NOTAM NIL AIRAC AMENDMENT FOR IRELAND, EFFECTIVE DATE 29
DEC 2022.

N0185/22

OBSTACLE LIGHTS ON WIND TURBINE AT BEAL HILL WIND FARM,
BALLYBUNION,
COUNTY KERRY **OUT OF SERVICE**. POSITION 523339.082N 0093738.442W.
MAX ELEVATION 180M AMSL.

N0181/22

OBSTACLE LIGHT ON MET MAST AT OWENINNY BOG, SHANVODINNAUN,
COUNTY MAYO **OUT OF SERVICE**, POSITION 540826.38N 0092822.11W,
ELEVATION 637FT/HEIGHT 328FT, RADIUS 1NM.

B1807/22

OPERATIONS IN MINSK FIR (UMMV)
THE IRISH AVIATION AUTHORITY HEREBY DIRECTS THAT IRISH AIR
CARRIERS AND CAPTAINS OF AIRCRAFT IN CHARGE OF AIR SERVICES
MANAGED BY CARRIERS/HOLDERS OF AN OPERATING LICENCE ISSUED BY
IRELAND, WHETHER THEY ARE CONTRACTUAL CARRIERS AND/OR DE FACTO
CARRIERS, OR PERFORMING AIR SERVICES WITH A COMMERCIAL CHARTER
AGREEMENT OR WITH A CODE SHARING AGREEMENT AND TO ALL FLIGHTS
PERFORMED WITH AN IRISH AIRCRAFT REGISTRATION, SHALL AVOID MINSK
FIR (UMMV). FOREIGN AIR CARRIERS INBOUND TO THE EU ARE RECOMMENDED
TO AVOID BELARUS MINSK FIR (UMMV). FOR MORE INFORMATION SEE EASA
SAFETY DIRECTIVE SD2021-02 AND AERONAUTICAL NOTICE O.87 **AVAILABLE**
AT WWW.IAA.IE

**B1776/22**

UKRAINIAN CRISIS: AIRSPACE RESTRICTION ISSUED BY THE IRISH DEPARTMENT OF TRANSPORT.
ALL AIRCRAFT OWNED, CHARTERED OR OPERATED OR OTHERWISE CONTROLLED BY CITIZENS OF THE RUSSIAN FEDERATION AND ALL OPERATORS HOLDING AIR OPERATOR CERTIFICATE (AOC) ISSUED BY THE RUSSIAN FEDERATION AUTHORITIES ARE PROHIBITED TO ENTER, EXIT OR OVERFLY IRISH AIRSPACE EXCEPT HUMANITARIAN, SAR AND LEASED AIRCRAFT ONE-WAY RETURN FLIGHTS WITH THE PERMISSION OF THE APPROPRIATE IRISH AUTHORITIES AND IN CASE OF EMERGENCY LANDING OR EMERGENCY OVERFLIGHT.
PERMISSION **AVAILABLE** FROM CIVILAIR FOR TRANSPORT: +353 1 6041549, MON - FRI 0915-1700, OR IN WRITING VIA EMAIL CIVILAIR(AT)TRANSPORT.GOV.IE

B1750/22

UN-COMMANDED SELCAL MESSAGES BEING DETECTED BY AIRCRAFT IN THE SHANWICK OCA
THE IAA NORTH ATLANTIC COMMUNICATION CENTRE (SHANWICK RADIO) HAVE RECENTLY RECEIVED A SIGNIFICANT NUMBER OF REPORTS OF UN-COMMANDED SELCAL MESSAGES BEING DETECTED BY AIRCRAFT OPERATING IN THE SHANWICK OCA. THE MOST LIKELY CAUSE IS AN EXTERNAL QRM ON 6547KHZ, A SIMILAR QRM CAN ALSO BE HEARD ON 6622KHZ. THESE ISSUES ARE NOT DETECTABLE BY THE RADIO OFFICER FROM THE GROUND.
THEREFORE, CREWS THAT ARE ALLOCATED HF FREQUENCIES 6547KHZ OR 6622KHZ SHOULD BE AWARE OF THE INCREASED POTENTIAL FOR THESE ISSUES TO OCCUR AND ARE REQUESTED TO ADVISE SHANWICK RADIO OF AN OCCURRENCE. SHANWICK RADIO CAN THEN TACTICALLY MANAGE A CHANGE OF FREQUENCY IF REQUIRED BY THE AFFECTED CREW.
THE ISSUE HAS BEEN REPORTED TO THE RELEVANT COMMUNICATIONS REGULATORS WHO ARE INVESTIGATING THE SOURCE OF THE EXTERNAL INTERFERENCE.

B1653/22

MILITARY INVASION OF UKRAINE BY RUSSIAN FEDERATION.
IRISH AIR OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN IRELAND SHALL NOT ENTER UIR KYIV (UKBU), FIR LVIV (UKLV), FIR KYIV (UKBV), FIR DNIPROPETROVSK (UKDV), FIR SIMFEROPOL (UKFV), FIR ODESA (UKOV), FIR ROSTOV-NA-DONU (URRV).
IRISH OPERATORS AND AIRCRAFT OWNERS SHALL ALSO AVOID FLIGHT OPERATIONS WITHIN THE BUFFER ZONE EXTENDING OUT TO 200NM ALONG THE UKRAINE/RUSSIA BORDER.
OPERATIONS WITHIN THE FIR CHISINAU (LUUU) AIRSPACE SHALL ONLY BE UNDERTAKEN IN COMPLIANCE WITH APPLICABLE AERONAUTICAL PUBLICATIONS ISSUED BY REPUBLIC OF MOLDOVA.

N0167/22

OBSTACLE LIGHTS ON TURBINES 1 AND 7 AT ARKLOW BANK
OFFSHORE WINDFARM **OUT OF SERVICE**
CENTROID POSITION 524727N 0055648W
ELEVATION 124M/HEIGHT 406FT

B0353/22

ALL FLIGHTS TO/FROM AIRPORTS OF IRELAND, OR OVERFLYING IRISH TERRITORY, ARE NOT ALLOWED IF AIRCRAFT ARE OPERATED BY BELARUSSIAN AIR CARRIERS AND/OR REGISTERED IN BELARUS EXCEPT FOR AIRCRAFT IN EMERGENCY OR HUMANITARIAN FLIGHTS

B1140/15

HOLDING PROCEDURE CHANGED. RATE OF DESCENT IN HOLDING PATTERNS AMENDED TO: A STANDARD RATE OF DESCENT OF 1000FT PER MIN IN HOLDING PATTERNS WILL BE USED UNLESS OTHERWISE INSTRUCTED BY ATC. PILOTS MUST ADVISE ATC IF UNABLE TO COMPLY WITH THE STANDARD RATE OF DESCENT.
REF AIP ENR 1.5 SECTION 1.3



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

D0221/22 VALID: 09-JAN-23 2216 - 10-JAN-23 0016

SHANNON FIR/UIR/SOTA: VIRGIN ORBIT SATELLITE LAUNCH ATTEMPT.
VIRGIN ORBIT LLC WILL BE CONDUCTING A SATELLITE LAUNCH ATTEMPT
ORIGINATING FROM THE UK SPACEPORT CORNWALL. THE LAUNCH VEHICLE
WILL BE DEPLOYED ON A SOUTHERN TRAJECTORY OFF THE SOUTHERN COAST
OF IRELAND AS PER IRISH AIC 010/2022. TEMPORARY **DANGER** AREA 1 IS
CONTAINED WITHIN THE SHANNON FIR/UIR/SOTA.

NOTE: THE 1ST COORDINATE IS REPEATED TO FORM A **CLOSED** POLYGON.

COORDINATES FOR TEMPORARY **DANGER** AREA 1 - SFC TO FL400

1. 514132.99N 0113752.58W
2. 513604.93N 0104652.46W
3. 512633.74N 0102355.76W
4. 502009.88N 0104324.56W
5. 503058.39N 0120549.16W
6. 514132.99N 0113752.58W

F) SFC G) FL400

D0224/22 VALID: 09-JAN-23 2216 - 10-JAN-23 0016

SHANNON FIR/UIR/SOTA: VIRGIN ORBIT SATELLITE LAUNCH ATTEMPT.
VIRGIN ORBIT LLC WILL BE CONDUCTING A SATELLITE LAUNCH ATTEMPT
ORIGINATING FROM THE UK SPACEPORT CORNWALL. THE LAUNCH VEHICLE
WILL BE DEPLOYED ON A SOUTHERN TRAJECTORY OFF THE SOUTHERN COAST
OF IRELAND AS PER IRISH AIC 010/22. TEMPORARY **DANGER** AREA 2 IS
CONTAINED WITHIN THE SOTA.

NOTE: THE 1ST COORDINATE IS REPEATED TO FORM A **CLOSED** POLYGON.

COORDINATES FOR TEMPORARY **DANGER** AREA 2 - SFC TO UNL

1. 512833.69N 0110625.08W
2. 512419.80N 0103343.52W
3. 504446.68N 0104742.04W
4. 501640.36N 0104303.03W
5. 490424.29N 0110859.26W
6. 491209.65N 0120256.82W
7. 502413.78N 0114154.24W
8. 504915.24N 0111943.20W
9. 512833.69N 0110625.08W

F) SFC G) UNL

D0220/22

DANGER AREA EID6 KILWORTH, CO. CORK **ACTIVATED**

F) GND G) 8000FT AMSL

J0078/22

SHANNON FIR/UIR/SOTA: CHANGE TO AIC 010/2022 - TEMPORARY **DANGER**
AREAS: VIRGIN ORBIT UK ROCKET LAUNCH. SPECIFIED PERIOD EXTENDED
UNTIL 28 FEBRUARY 2023

F) SFC G) UNL

J0077/22

A RESTRICTION (TEMPORARY RESTRICTED AREA) TRA ON THE FLYING OF
AIRCRAFT, INCLUDING SMALL UNMANNED AIRCRAFT AS DEFINED IN S.I.
NO.563 OF 2015, SHALL APPLY IN AIRSPACE OVER CUSTUME BARRACKS,
ATHLONE, COUNTY WESTMEATH AND SURROUNDING AREA CONTAINED WITHIN
THE LATERAL LIMITS: THE AIRSPACE CONTAINED WITHIN A CIRCLE RADIUS
OF 2NM CENTRED ON 532528N 0075652W.

VERTICAL LIMITS: SFC TO 2000FT AMSL.

AIRSPACE CLASSIFICATION: THE AIRSPACE WITHIN THIS TRA SHALL BE
ICAO CLASS G.

SEE WWW.IAA.IE FOR FURTHER DETAILS.

F) SFC G) 2000FT AMSL

**J0072/22**

THU-SAT 0600-1900

A TEMPORARY RESTRICTION (TEMPORARY RESTRICTED AREA) ON THE FLYING OF AIRCRAFT AND ROCKETS, INCLUDING DRONES (SMALL UNMANNED AIRCRAFT AS DEFINED IN S.I. 563 OF 2015 AND UNMANNED AIRCRAFT SYSTEM (UAS) AS DEFINED IN COMMISSION IMPLEMENTING REGULATION (EU) 947 OF 2019), SHALL APPLY IN THE VICINITY OF LUSK, COUNTY DUBLIN IN THE AIRSPACE CONTAINED WITHIN THE UNDER MENTIONED:

LATERAL LIMITS: THE AIRSPACE CONTAINED WITHIN:

533155.1172N 0061225.7400W

533232.7696N 0061206.4044W

533158.4868N 0060815.9648W

533050.9508N 0060849.4304W

533133.9312N 0061101.0464W

DURATION: THE PERIOD OF THE RESTRICTION SHALL BE FROM 0600HRS UTC TO 1900HRS UTC EACH THURSDAY, FRIDAY AND SATURDAY FROM THURSDAY NOVEMBER 17TH 2022 TO SATURDAY JANUARY 14TH, 2023.

F) SFC G) 560FT AMSL

EGGX**SHANWICK OCEANIC FIR**

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

G0435/22 VALID: 09-JAN-23 2216 - 10-JAN-23 0016

TEMPO **DANGER** AREA (TDA) ESTABLISHED (EUVIRGIN 3 (N OF 45N AS AMENDED)) WI AREA BOUNDED BY STRAIGHT LINES JOINING

491223N 0120304W - 490457N 0110900W - 450000N 0120228W -

450000N 0130000W - 450000N 0135717W - 491223N 0120304W. FLW

SEPERATIONS WILL BE PROVIDED WITHIN SHANWICK OCEANIC AIRSPACE:

MNPS/NAT HIGH LEVEL AIRSPACE(HLA) 30NM, NON-MNPS/NAT HLA 60NM. WI

SHANNON OCEANIC TRANSITION AREA: 5NM. FURTHER DETAILS VIA

WWW.NATS-UK.EAD-IT.COM/. AIC Y 095/2022 REFERS. SEE FURTHER NOTAM FOR TDA EUVIRGIN 1-2, 3 (SOUTH OF 45N) 4-5. 2022-09-0036/AS2.

F) SFC G) UNL

G0002/23

CHANGE TO AIC Y 095/2022. PARAGRAPH 7 - LATERAL DIMENSIONS - TDA 3 (EUVIRGIN 3) TO READ THE FOLLOWING. TDA 3 NOW BISECTED BY 45N.

TDA 3 (EUVIRGIN 3) (N OF 45N)

491223N 0120304W - 490457N 0110900W - 450000N 0120228W -

450000N 0130000W - 450000N 0135717W - 491223N 0120304W.

2022-09-0036/AS2.

F) SFC G) UNL

G0433/22

AIC Y 095/2022 - TEMPORARY **DANGER** AREAS: VIRGIN ORBIT UK ROCKET LAUNCH - EXTENDED UNTIL 28 FEBRUARY 2023.

F) SFC G) UNL

V0034/22

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT FOR TRANSPORT - HAZARDOUS SITUATION IN NORTH KOREA / SEA OF JAPAN. UK REGISTERED AIR OPERATORS ARE RECOMMENDED NOT TO ENTER FIR PYONGYANG (ZKKP) AND ARE ADVISED TO TAKE POTENTIAL RISK INTO ACCOUNT IN THEIR RISK ASSESSMENT AND ROUTING DECISIONS OVER THE SEA OF JAPAN (WITHIN THE GEOGRAPHICAL COORDINATES OF 1280000E AND 1400000E DEGREES OF LONGITUDE). POTENTIAL RISK FROM UNANNOUNCED MISSILE TESTS. CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207 0826639 OR +44 (0)207 9445999 OUT OF HOURS. 2022-11-0405/AS6

F) SFC G) UNL

**V0030/22**

AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT FOR TRANSPORT.

SECURITY - HAZARDOUS SITUATION IN ETHIOPIA.

UK REGISTERED AIR OPERATORS ARE ADVISED TO TAKE POTENTIAL RISK INTO ACCOUNT IN THEIR RISK ASSESSMENT AND ROUTING DECISIONS WITHIN THE ADDIS ABABA FIR (HAAA) / TERRITORY AND AIRSPACE OF ETHIOPIA. POTENTIAL RISK FROM ANTI-AIRCRAFT WEAPONRY.

CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207-082 6639 OR +44 (0)207-944 5999 OUT OF HOURS. 2021-09-0870/AS6.

F) SFC G) UNL

V0028/22

CURRENT AIRSPACE WARNING - SECURITY - HAZARDOUS SITUATION IN IRAQ - REPLACE THE CURRENT ENTRY WITH THE FOLLOWING:

UK REGISTERED AIR OPERATORS ARE RECOMMENDED TO MAINTAIN A FLIGHT LEVEL EQUAL TO, OR ABOVE, FL320 IN FIR BAGHDAD (ORBB). POTENTIAL RISK FROM ANTI-AIRCRAFT WEAPONRY. CONTACT UK DEPARTMENT FOR TRANSPORT +44 (0)207-082 6639 OR +44 (0)207-944 5999 OUT OF HOURS. UK AIP ENR 1.1, PARAGRAPH 1.4.5 REFERS.

F) SFC G) UNL

CZQX**GANDER OCEANIC FIR/UIR**

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

H3658/22

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.

H3562/22

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 ++++++

H0029/23

TORBAY (ST. JOHN'S INTL) VOR YYT 113.5MHZ U/S

N4291/22

CHARLOTTETOWN NDB 1D 346KHZ U/S



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

H4099/22

RESTRICTED AREA CYR727 (AREA 1) GOOSE BAY DEACTIVATED
F) 5000FT AMSL G) 12500FT AMSL

N3608/22

AMEND PUBLICATIONS: BLASTING ACT WILL TAKE PLACE WITHIN
2.27NM RADIUS CENTERED ON 482233N 0570830W (APRX 43NM S SOUTH
BROOK (WATER)).
SFC TO 656TAGL
F) SFC G) 1982FT AMSL

+++++ ROUTE +++++

N4660/22

V315 BTN YQX VOR AND YYT VOR MEA TO READ 5500 INSTEAD OF 3700

CZUL MONTREAL FIR

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

H3658/22

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.

H3562/22

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 +++++

H4321/22

IS RESTRICTED. NO PERSON SHALL OPR A , REMOTELY PILOTED ACFT
(RPAS, DRON
PURSUANT TO SECTION 5.1 OF THE AERONAUTICS ACT, THE AIRSPACE
WITHIN 0.5NM RADIUS CENTRED ON 453243N 734110W (BORDEAUX PRISON,
APRX 5NM NE OF CYUL AD) IS RESTRICTED. NO PERSON SHALL OPR A
REMOTELY PILOTED ACFT (RPAS, DRONE) WITHIN THE AREA DESCRIBED
UNLESS AUTH BY THE DEPUTY DIRECTOR GENERAL OF SECURITY,
CORRECTIONAL SERVICES AT 514-864-8010 EXT 50502
OR EMAIL: SOUTIEN-DGAS(A)MSP.GOUV.QC.CA.
F) SFC G) 1100FT AMSL

N4485/22

DAILY 1200-2330
BLASTING ACT WILL TAKE PLACE WITHIN 3NM RADIUS CENTERED ON
463758N 0735730W (APRX 2.9NM W ST-MICHEL-DES-SAINTS/LAC KAIGAMAC
WATER AD) SFC TO 492FT AGL
F) SFC G) 2329FT AMSL

N4469/22

AMEND PUBLICATIONS: BLASTING ACT WILL TAKE PLACE
WITHIN 1476FT RADIUS CENTERED ON 480235N 0773450W
(APRX 8NM ESE VAL-DOR AD)
F) SFC G) 328FT AGL

N4227/22

DAILY 1600-2300
BLASTING ACT WILL TAKE PLACE WITHIN RADIUS 2600FT CENTRE
482440N 0774834W ((APRX 18NM NNE VAL-D'OR/LAC STABELL
(WATER)(CLS2))
F) SFC G) 2133FT AMSL

N3151/22

AMEND PUBLICATIONS: BLASTING ACT WILL TAKE PLACE
WITHIN 1519FT RADIUS CENTERED ON 482355N 0683610W
(APRX 6NM WSW RIMOUSKI AD) .
F) SFC G) 787FT AMSL

+++++ ROUTE +++++

H4316/22

AMEND PUBLICATIONS: T699: TERMINAL AREA CHARTS:
QUEBEC CHART:
WPT TO READ OTPUT INSTEAD OF OTBUT

H4302/22

AMEND PUBLICATION:
J545 AND J551: ENROUTE HIGH ALTITUDE: HI1: BTN YVO AND MT:
CHANGEOVER POINT SHOULD READ 96 NM FROM YVO AND 68 NM FROM MT

N4336/22

V316 YWK **DME** UNREL BTN YWK AND YZV

H4020/22

DAILY 1600-2300
L713: BTN YVO AND LIBUT: MEA/MOCA TO READ 3200
AR17:BTN YVO AND LIBUT: MOCA TO READ 3200

H3997/22

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

H3876/22

V372 BTN YVO AND TAGET **NOT SUITABLE** FOR **VOR** NAV



KZBW BOSTON FIR/UIR

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

A0013/23

ZBW 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 123NM RADIUS OF 440655N0763043W. AP AIRSPACE AFFECTED MAY
INCLUDE SYR, ROC, ART, BUF, OGS, SLK, LKP, RME.
F) SFC G) 13000FT

A0770/22

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

A0771/22

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
443432N0695308W (AUG004015.8) 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

A0747/22

ZBW CT..AIRSPACE NEW BRITAIN, CT..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. LASER LGT BEAMS MAY BE INJURIOUS TO PILOTS/AIRCROWS/PAX
EYES WI SFC-13000 VER AND 5NM HORIZONTALLY. OTHER VISUAL EFFECTS,
FLASH BLINDNESS, AFTER IMAGE, GLARE, AND DISTRACTION MAY OCCUR AT
GREATER DIST. (YANKEE) / Y90 / (TRACON)
TEL 860-386-3580 IS THE FAA CDN FACILITY.
F) SFC G) 13000FT

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
DEPARTTMENT ARE AUTH IN THE AIRSPACE. HANOVER FIRE DEPARTTMENT
TEL 781-826-0360IS 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.

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**.

**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**.

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.**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 +++++

01/526 VALID: 09-JAN-23 1230 - 09-JAN-23 2100

AIRSPACE R4102B ACT 2000FT-3999FT

01/525 VALID: 09-JAN-23 1230 - 09-JAN-23 2100

AIRSPACE R4102A ACT SFC-1999FT

KZOB**CLEVELAND FIR/UIR**

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

01/764 VALID: 09-JAN-23 1800 - 09-JAN-23 1930AIRSPACE STINGER TEMPORARY MOA ACT 6000FT UP TO
BUT NOT INCLUDING FL180**A0005/23**

ZOB 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 123NM RADIUS OF 440655N0763043W. AP AIRSPACE AFFECTED MAY

INCLUDE SYR, ROC, ART, BUF, OGS, SLK, LKP, RME.

F) SFC G) 13000FT.

A0004/23

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

A0002/23

ZOB WV..ROUTE ZOB ZDC.

V44 MORGANTOWN (MGW) **VOR/DME**, WV TO KEYS, WV MEA 5400.

**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.

KZID INDIANAPOLIS FIR/UIR

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

01/768 VALID: 09-JAN-23 1845 - 09-JAN-23 2045

AIRSPACE BUCKEYE MOA ACT 5000FT UP TO BUT NOT
INCLUDING FL180

A0268/22

ZID WV..ROUTE ZID.
V44 PARKERSBURG (JPU) **VOR/DME**, WV R-241 TO YORK (YRK) **VORTAC**, KY
R-062 NA SOUTHWESTBOUND EXCEPT FOR ACFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS.

A0267/22

ZID WV..ROUTE ZID.
V59 PARKERSBURG (JPU) **VOR/DME**, WV R-176 TO BECKLEY (BKW) **VOR/DME**,
WV R-359 NA SOUTHBOWN EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS.

11/182

OBST STACK (ASN UNKNOWN) 383820N0834147W (5.9NM NE
FGX) 830FT (299FT AGL) NOT LGTD

A0257/22

RDO ALTIMETER UNREL WI INDIANAPOLIS 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

A0190/22

ROUTE ZID.
V171 LOUISVILLE (IIU) **VORTAC**, KY MCA 7000 NORTHWESTBOUND.

**A0144/22**

ROUTE ZID.

V310 LOUISVILLE (IIU) **VORTAC**, KY R-131 TO UNCKL, KY MEA 9000
EXCEPT FOR AIRCRAFT WITH SUITABLE RNAV SYSTEM WITH GPS.**A0135/22**

ROUTE ZID.

V171 MCFEE INT, KY TO LOUISVILLE (IIU) **VORTAC**, KY MEA 9000 EXCEPT
FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.**A0138/22**

ROUTE ZID.

V51 LIVINGSTON (LVT) **VOR/DME**, TN R-350 TO LOUISVILLE (IIU) **VORTAC**,
KY R-167 MEA 7000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS.**A0054/21**

ROUTE ZID.

V178 MAUDD, KY MCA 3400 EASTBOUND.

A0053/21

ROUTE ZID.

V178 MCFEE, KY MCA 3400 WESTBOUND.

A0032/21

ROUTE ZID.

V53 HOUSE, IN MCA 10000 SOUTHEASTBOUND.

IIU **VORTAC** R-332 AT 64NM **UNUSABLE** BELOW 10000.

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

01/729 VALID: 10-JAN-23 0501 - 10-JAN-23 1059

AIRSPACE R3704A ACT SFC-10000FT

01/730 VALID: 09-JAN-23 1100 - 10-JAN-23 0400

AIRSPACE R3401A ACT SFC-FL220

12/477

AIRSPACE R3404 ACT SFC-4100FT

KZME MEMPHIS FIR/UIR

Please see section EXTENDED AREA AROUND DESTINATION



[Company NOTAM]

=====

CREW ALERT

=====

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.

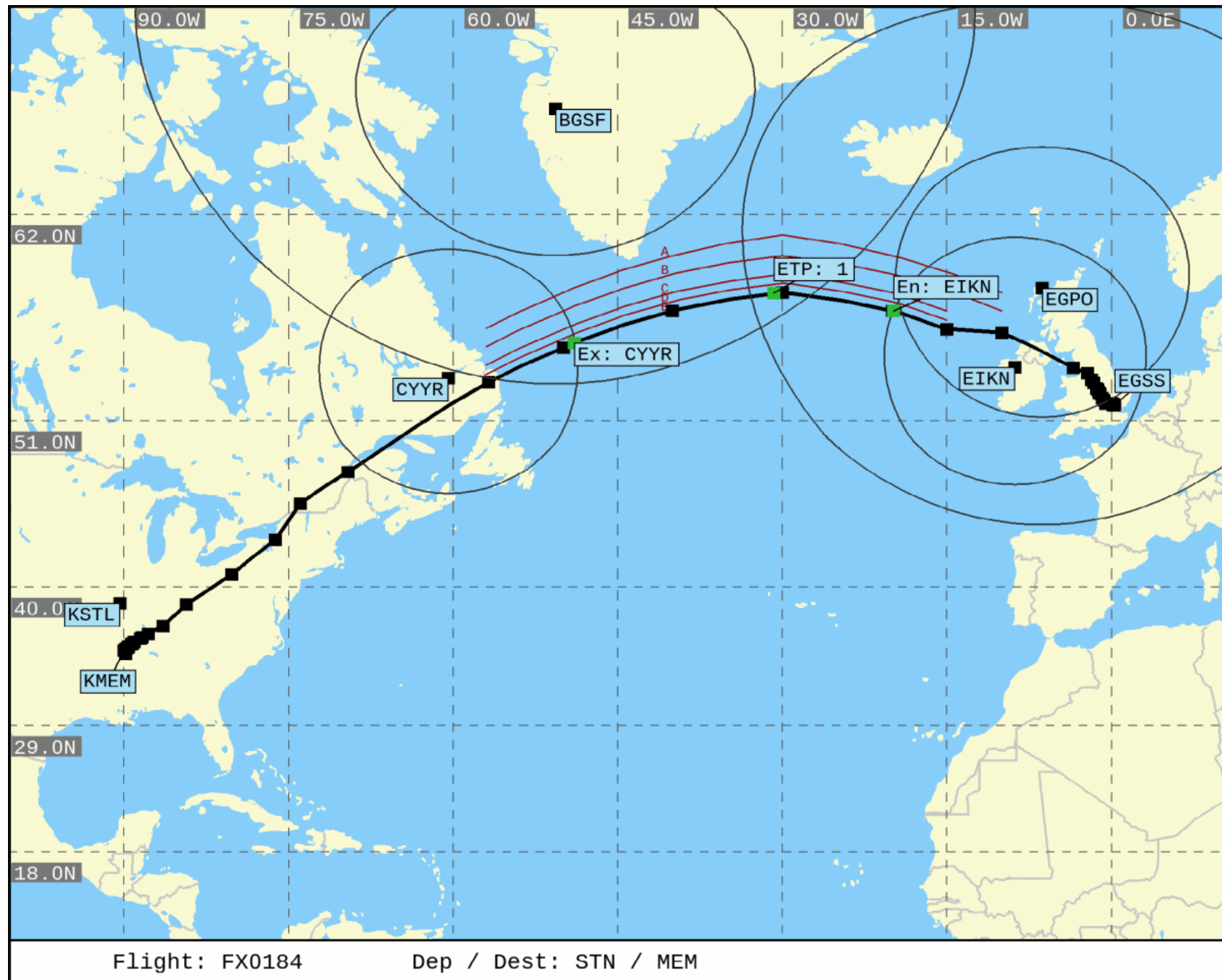
=====

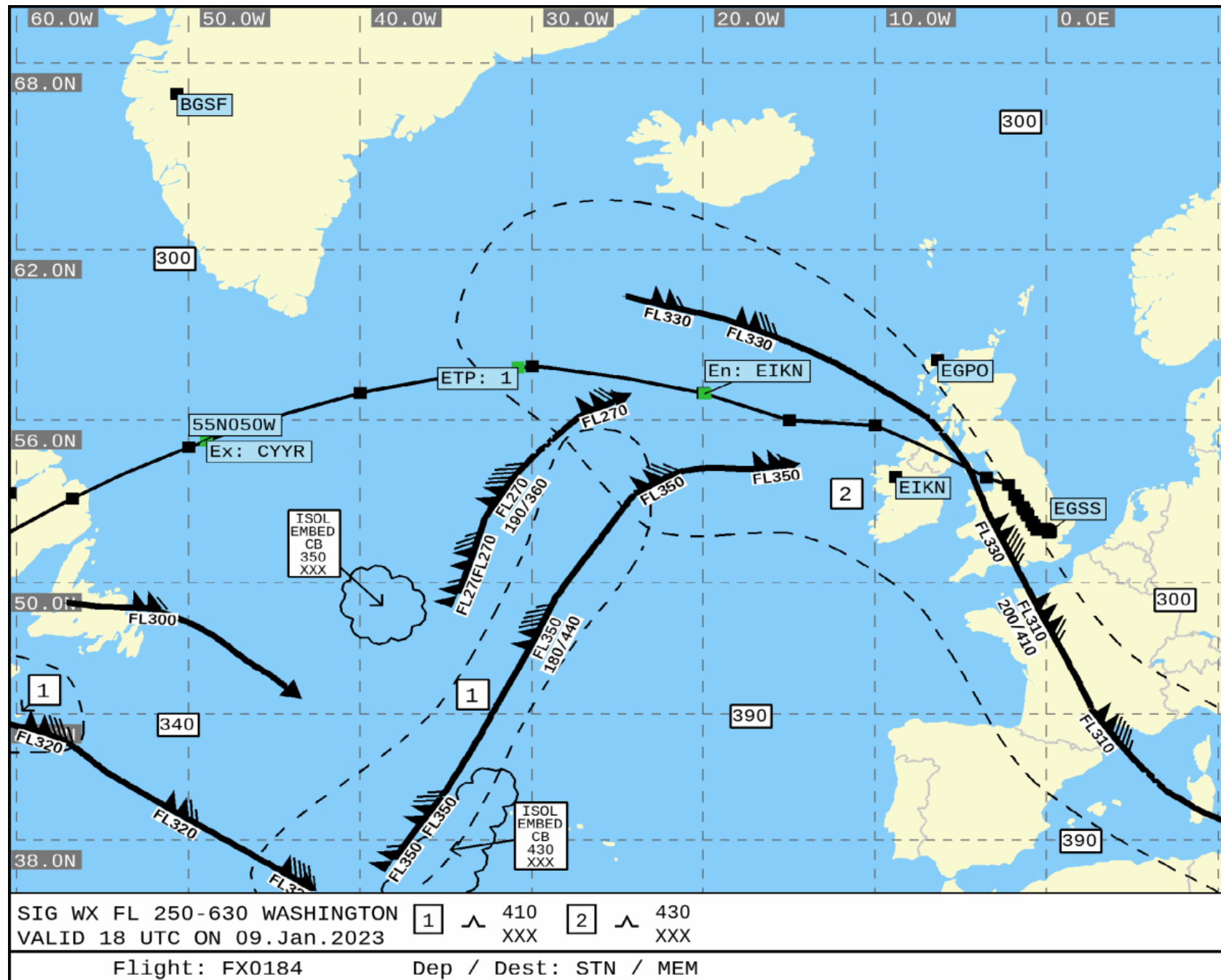
CREW BULLETIN

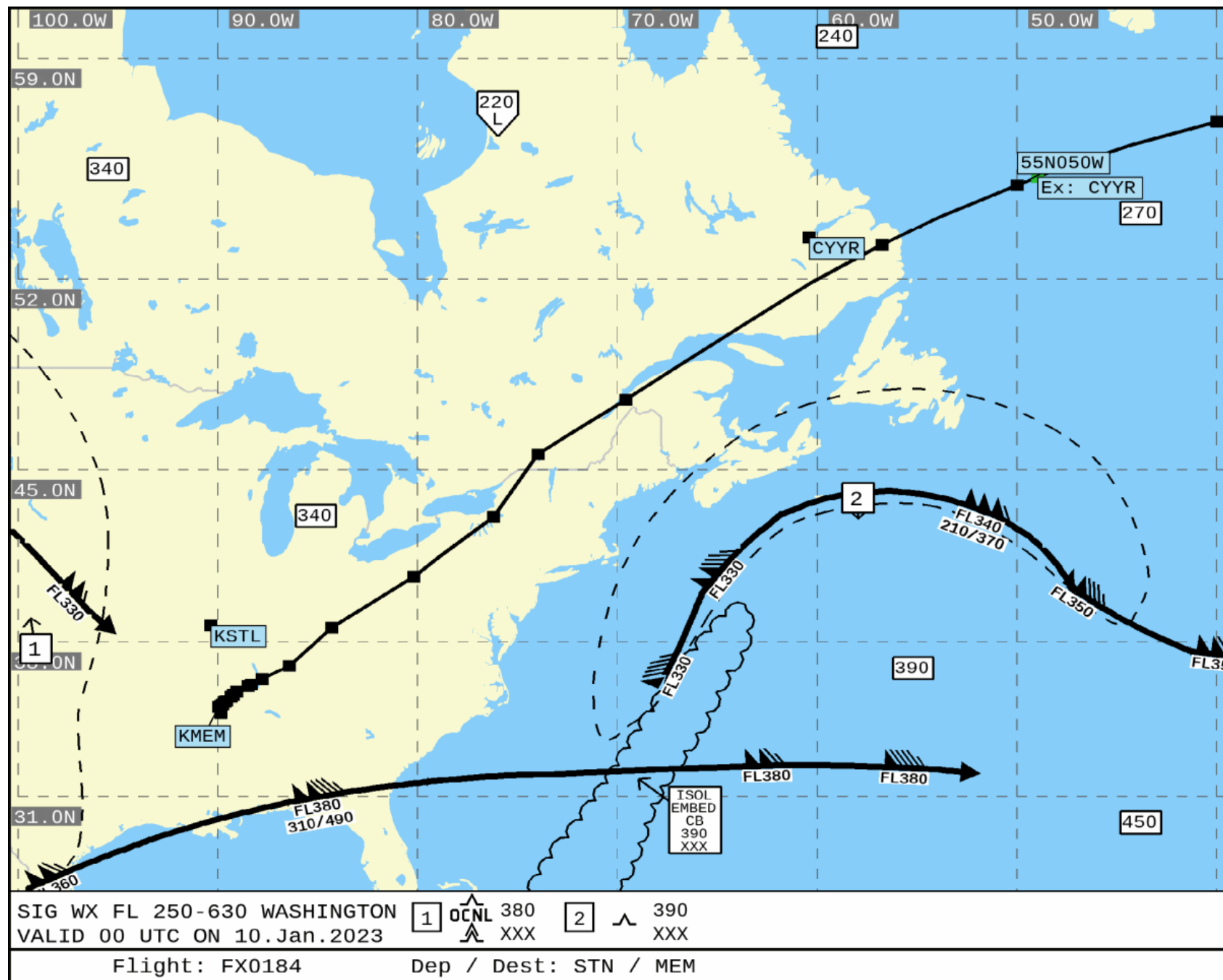
=====

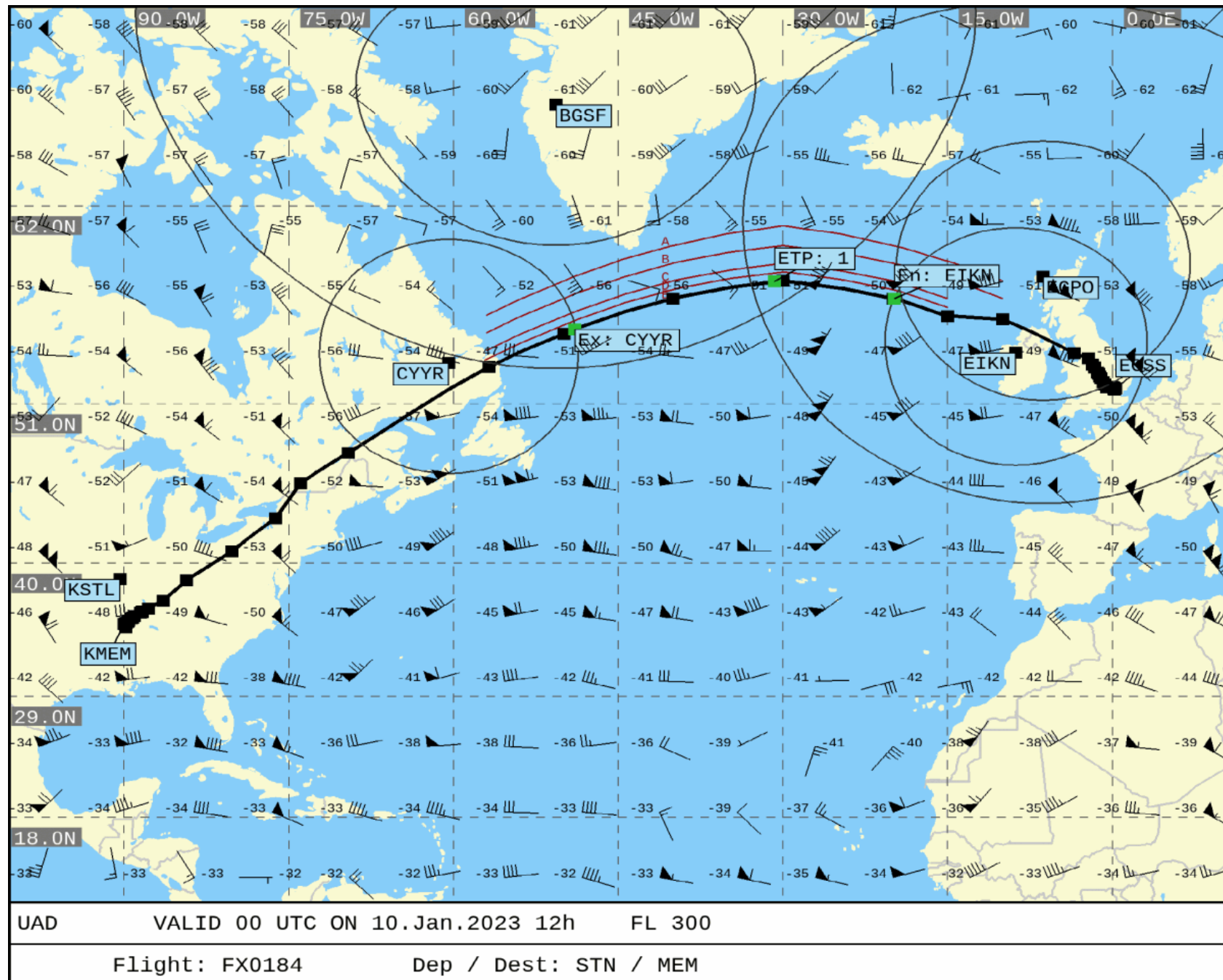
NIL

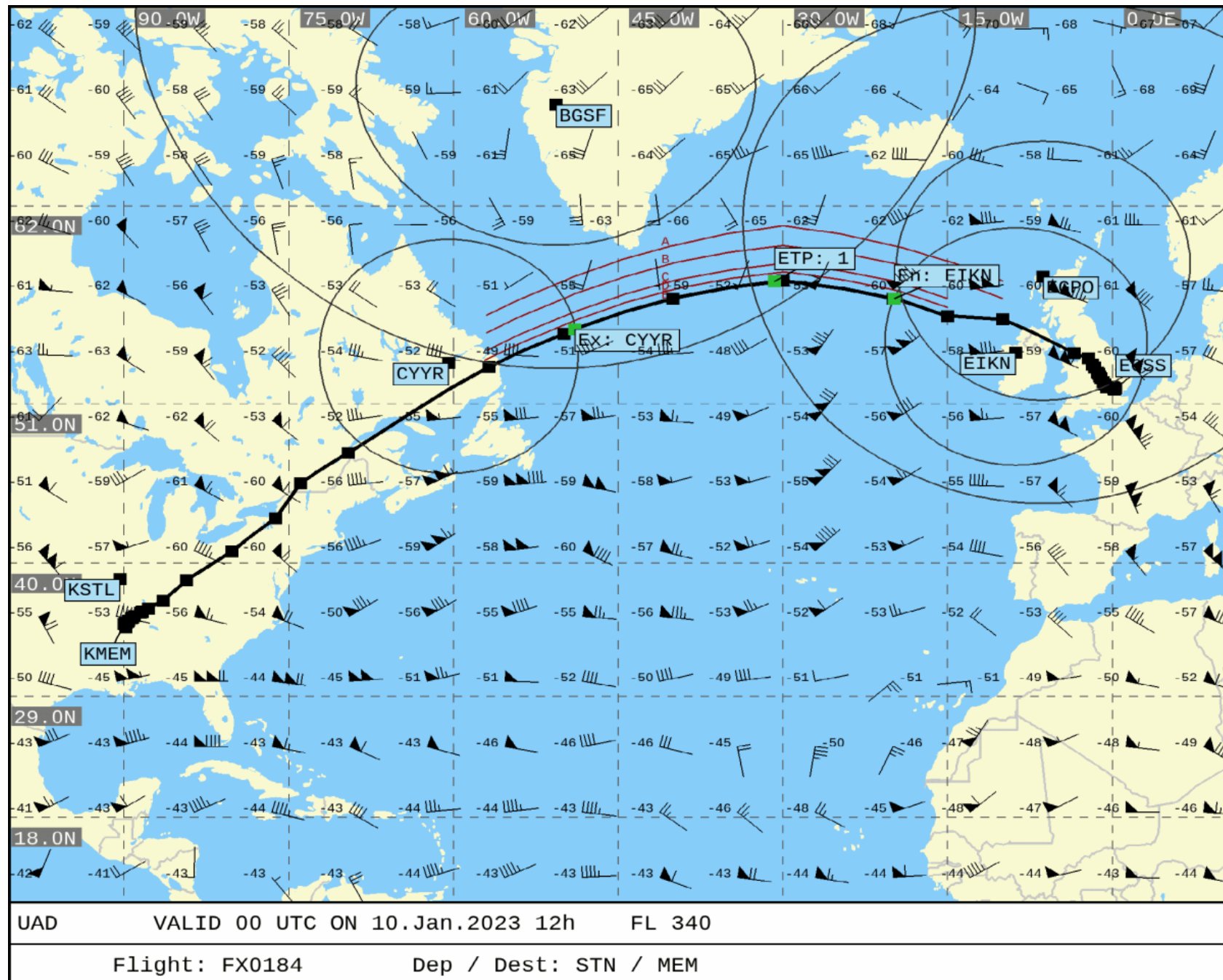
===== END OF LIDO-NOTAM-BULLETIN =====

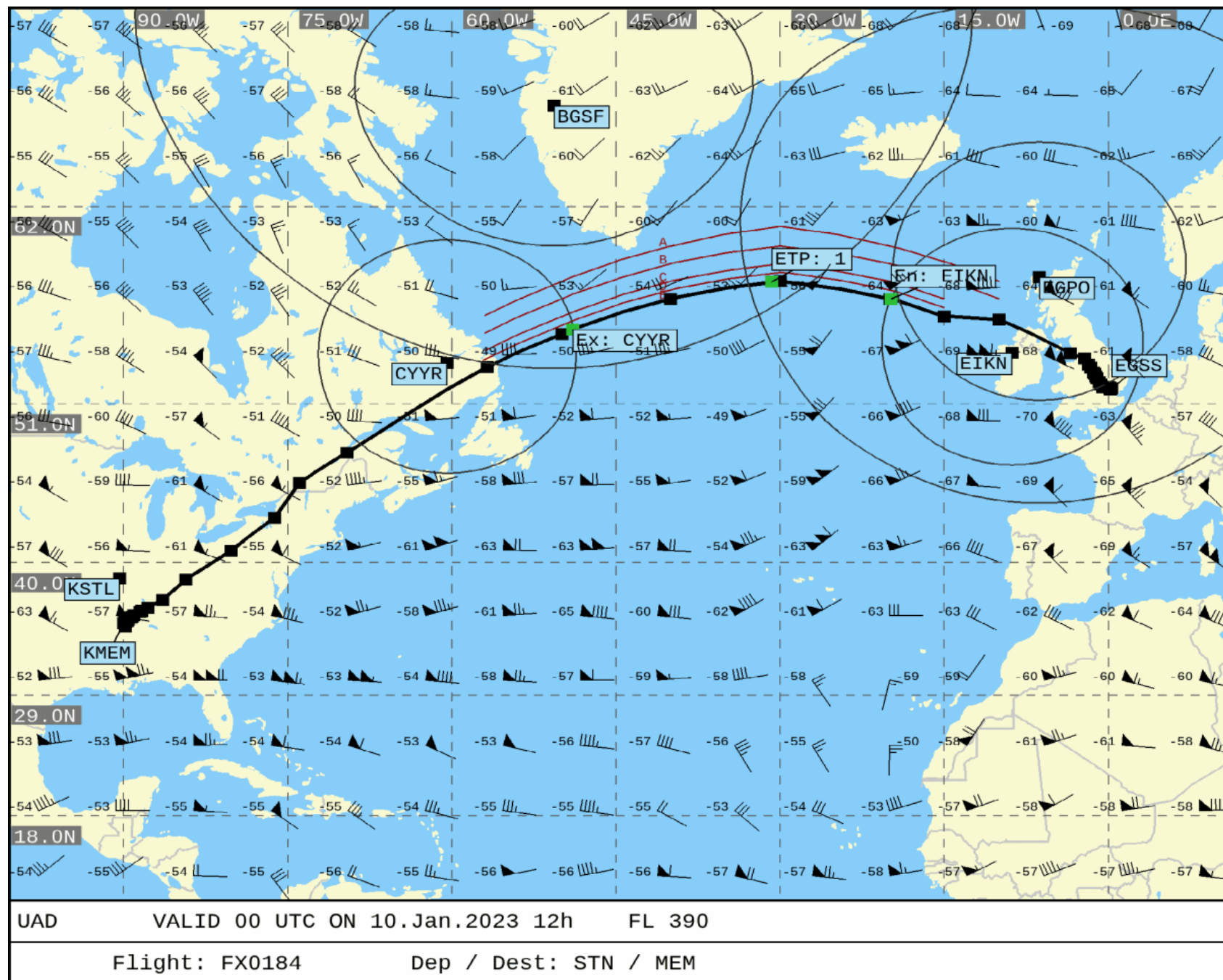


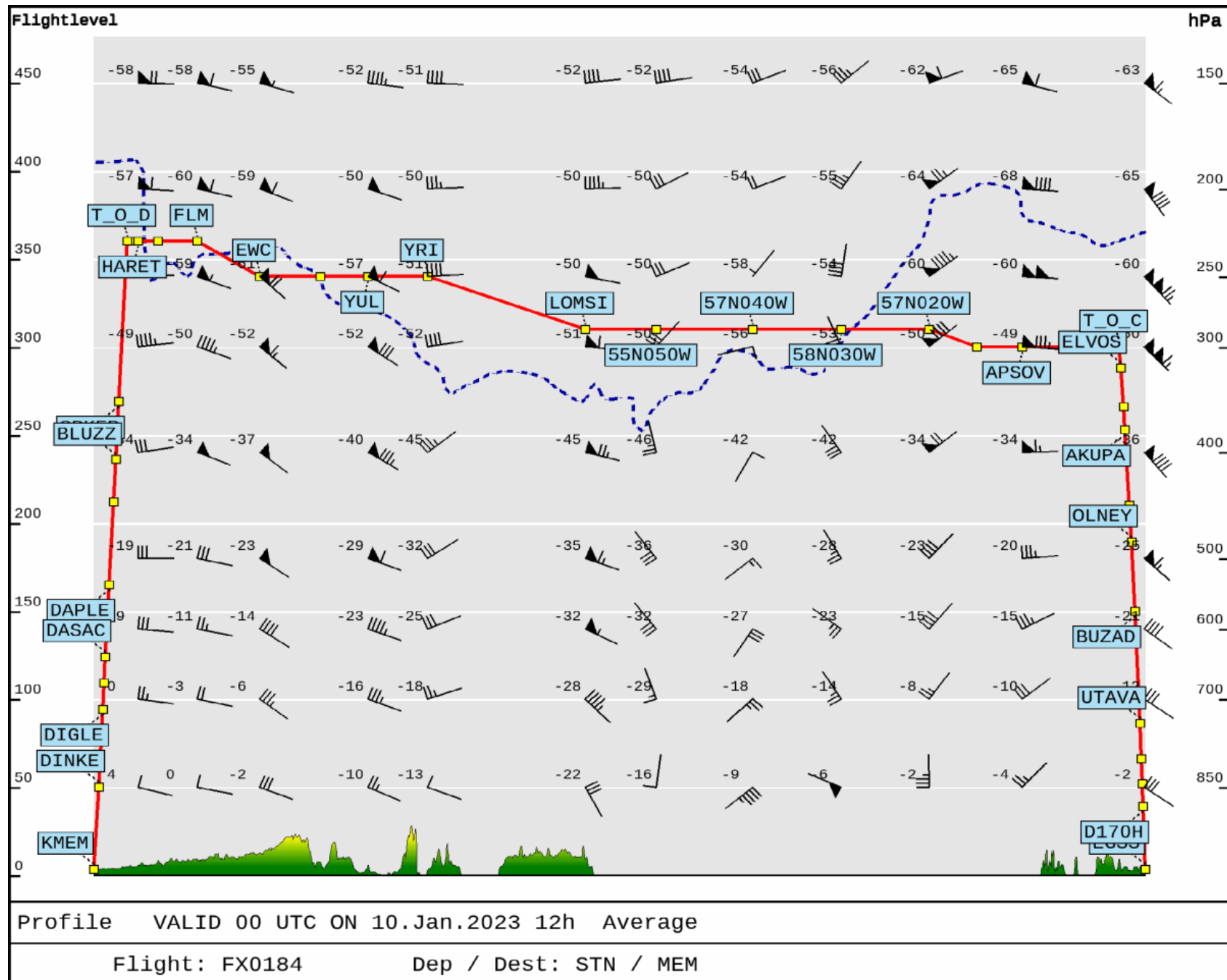














End of Document: Total Number of Pages: 63