



[OFF]

FX184 09JAN2023 EGSS-KMEM DC10 N312FE RELEASE 1751 09JAN23
OFF 1 STANSTED-MEMPHIS INTL
WX PROG 0918 0921 1000 1003 1006 1009
OBS 0912 0912 0912 0912 0912 0912
ATC C/S FX184 EGSS/STN KMEM/MEM CRZ SYS M.82
09JAN2023 N312FE 1751/1811 0548/0556 GND DIST 5192
DC-10-30 / STA 0333 AIR DIST 5299
CTOT:.... G/C DIST 3798
AVG WIND 262/021
MAXIMUM TOW 555000 LAW 411000 ZFW 391000 AVG W/C M009
ESTIMATED TOW 555000 LAW 318741 ZFW 315000 AVG ISA M010
AVG FF LB/HR 20332
FUEL BIAS P00.0
TKOF ALTN
ALTN KSTL
FL STEPS EGSS/0310/FOR/0320

*** ETOPS/ETP FLIGHT ***

DISP RMKS PAYLOAD/CARGO LIMITED BY MTOW
WARNING: FLIGHT EXCEEDS AIRCRAFT RANGE
NOTICE: SID OR FIX "PLEASE" NOT FOUND
ERROR: FIX OR AIRWAY "CHECK" NOT FOUND
ERROR: FIX OR AIRWAY "SIMBRIEF" NOT FOUND
ERROR: FIX OR AIRWAY "ROUTING" NOT FOUND
ERROR: FIX OR AIRWAY "INFORMATION" NOT FOUND

PLANNED FUEL

FUEL ARPT FUEL TIME

TRIP MEM 236259 1137
CONT 5% 11813 0035
ALTN STL 14953 0043
FINRES 14760 0100
ETOPS/ETP 0 0000

MINIMUM T/OFF FUEL 277785 1355

EXTRA -37785 0000

T/OFF FUEL 240000 1206
TAXI STN 6000 0020

BLOCK FUEL STN 246000
PIC EXTRA
TOTAL FUEL
REASON FOR PIC EXTRA

FMC INFO:
FINRES+ALTN 29713
TRIP+TAXI 242259

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: ALAN MIRANDA

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 14953

MEL/CDL ITEMS DESCRIPTION

ROUTING:

ROUTE ID: DEF RTE
EGSS/22 PLEASE FOR KMEM/27

DEPARTURE ATC CLEARANCE:

.
. .

OPERATIONAL IMPACTS

WEIGHT CHANGE UP 1.0	TRIP P 0425 LBS	TIME P 0000
WEIGHT CHANGE DN 1.0	TRIP M 0398 LBS	TIME P 0000
FL CHANGE UP FL1	NOT AVAILABLE	
FL CHANGE DN FL1	TRIP P 1046 LBS	TIME M 0005
FL CHANGE DN FL2	TRIP P 1204 LBS	TIME M 0010
SPD CHANGE CI 0	NOT AVAILABLE	
SPD CHANGE CI 400	NOT AVAILABLE	

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

STBY:

RIGHT:

-----TIMES

	ESTIMATED	SKED	ACTUAL
OUT	1751Z/1751L	1751Z/1751L	.....Z
OFF	1811Z/1811L	1811Z/1811L	.....Z
ON	0548Z/2348L	0325Z/2125L	.....Z
IN	0556Z/2356L	0333Z/2133L	.....Z
BLOCK TIME	1205	0942	.....

-----WEIGHTS

	EST	MAX	ACTUAL	
PAX	0		.....
CARGO	42.9		.....
PAYLOAD	42.9		.....
ZFW	315.0	391.0	.....
FUEL	246.0	246.0	.....	POSS EXTRA 0.0
TOW	555.0	555.0	TOW.....	
STAB TRIM			.....
LAW	318.7	411.0	.....

-----TERRAIN CLEARANCE CHECK

DD CHECK - TERRAIN CLEARANCE CHECK DISABLED

DP CHECK - TERRAIN CLEARANCE CHECK DISABLED



FLIGHT LOG

MOST CRITICAL MORA 13200 FEET AT FOR///MXSHR 05 AT TOC

AWY	FL	IMT	MN	WIND	OAT	EFOB	PBRN			
POSITION	LAT	EET	ETO	MORA	ITT	TAS	COMP	TDV	AFOB	ABRN
IDENT	LONG	TTLT	ATO	DIS	RDIS	GS	SHR	TRP		
FREQ										
STANSTED	N5153.1	...	23	020					240.0	6.0
EGSS	E00014.1	0000	...	020	5192	454	M019		....	....
DCT				310	022	.82	310/049	M54	224.2	21.8
T O C	N5314.1	0016	...	100	021	473	M019	M07		
	E00106.1	0016	...	109	5083	454	5	290	....	....
SCOTTISH FIR/UIR										
-EGPX	N5500.0	0015	...							
	E00330.8	0031	...	124	4959					
COPENHAGEN FIR										
-EKDK	N5609.0	0010	...							
	E00500.0	0041	...	74	4885					
POLARIS FIR										
-ENOR	N5700.0	0007	...							
	E00606.0	0048	...	65	4820					
SWEDEN FIR										
-ESAA	N6142.0	0039	...							
	E01210.7	0127	...	321	4499					
HELSINKI FIR										
-EFIN	N6846.3	0100	...							
	E02119.2	0227	...	493	4006					
POLARIS FIR										
-ENOR	N6909.7	0003	...							
	E02149.5	0230	...	24	3982					
DCT				310	293	.82	219/026	M59	171.0	75.0
FORSOL (HAM	N7043.2	0014	...	132	303	468	P025	M12		
FOR	E02349.9	0244	...	112	3870	493	1	317	....	....
318										
BODO OCEANIC FIR										
-ENOB	N6527.5	0117	...							
	E00639.0	0401	...	572	3298					
ETOPS	N7403.3	0004	...	320	202	.82	275/022	M58	144.6	101.4
ENTRY	W00829.3	0405	...	26	199	469	M020	M09		
			...	39	3259	449	3	313	....	....
REYKJAVIK FIR										
-BIRD	N6327.3	0025	...							
	E00000.0	0430	...	185	3074					



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

SHANWICK OCEANIC FIR												
-EGGX	N6026.5	0045	...									
	W01000.0	0515	...	330	2744							
				320	202	.82	275/022	M58	117.3	128.7		
ETP1	N7126.2	0014	...	26	199	469	M020	M09				
	W04321.3	0529	...	116	2628	449	3	313	....	....
GANDER FIR/UIR												
-CZQX	N5425.1	0115	...									
	W03000.0	0644	...	550	2078							
				320	202	.82	275/022	M58	60.7	185.3		
ETOPS	N5507.9	0140	...	26	199	469	M020	M09				
EXIT	W07720.9	0824	...	757	1321	449	3	313	....	....
MONCTON FIR												
-CZQM	N4608.4	0022	...									
	W05729.0	0846	...	156	1165							
BOSTON FIR/UIR												
-KZBW	N4316.4	0042	...									
	W06700.0	0928	...	321	844							
NEW YORK FIR/UIR												
-KZNY	N4112.3	0031	...									
	W07352.0	0959	...	225	619							
CLEVELAND FIR/UIR												
-KZOB	N4000.3	0017	...									
	W07750.9	1016	...	135	484							
INDIANAPOLIS FIR/UIR												
-KZID	N3911.6	0012	...									
	W08032.8	1028	...	89	395							
DCT				320	202	.82	275/022	M58	8.2	237.8		
T O D	N3639.1	0039	...	26	199	469	M020	M09				
	W08915.7	1107	...	286	109	449	3	313	....	....
DCT									3.7	242.3		
MEMPHIS INT	N3502.5	0030	...									
KMEM	W08958.6	1137	...	109					....	....

-----
ETOPS/ETP CRITICAL POINT INFORMATION (ETOPS RULE TIME: 180MIN)

CRITICAL POINT FOR FUEL REQUIREMENTS: N7126.2 W04321.3

ETOPS INFORMATION

ETOPS	SAP	ELTME TIME (AAP)	DIST ISA	MORA W/C	ICE	CFUEL	FOB	COND
ENTRY N7403.3	EGPO W00829.3	0406 0215 (ENSB)	952 M10	046 P000	3.4	74.3	144.6	DX
ETP1 N7126.2	EGPO/CYYR W04321.3	0530 0252	1201/1177 M11/M17	142/111 M003/M012	4.1	87.3	117.3	DX
EXIT N5507.9	CYYR W07720.9	0825 0121 (CYUY)	602 M23	044 P022	1.7	38.5	60.7	DX

ENRTE	ALTNS	(WEATHER	SUITABILITY	PERIOD)
EGPO	23:33	03:34	WX MIN:	600-3219
CYYR	01:34	04:57	WX MIN:	600-3219

FCST	WX:	
9999-7000		
9999-9999		

-----
WIND INFORMATION

CLIMB			T O C			FOR			T O D		
350	309/065	-56	350	309/065	-56	350	207/035	-67	360	288/053	-56
310	311/052	-54	330	310/061	-55	330	206/037	-63	340	294/053	-55
200	292/027	-36	310	311/052	-54	310	205/040	-59	320	301/053	-52
150	313/034	-27	290	307/041	-53	290	205/041	-55	300	307/054	-49
100	304/032	-14	270	294/030	-51	270	206/040	-50	280	300/049	-44

DESCENT

350	291/053	-56
310	304/053	-50
200	279/039	-25
150	278/032	-12
100	269/028	-02



[ATC Flight Plan]

ICAO FLIGHT PLAN

FF EGTTZQZX EGPXZQZX ENORZQZX ENOBZQZX BGGLZQZX CZEGZQZX CZULZQZX
CZYZZQZX KZMPZQZX KZOBZQZX KZAUZQZX KZIDZQZX KZMEZQZX
091751 CYULSBFP
(FPL-FX184-IS
-DC10/H-SDE1E2E3FGHIJ2J3J4J5M1RWXY/LB1D1
-EGSS1751
-N0468F310 PLEASE FOR/N0469F320
-KMEM1127 KSTL
-PBN/A1B1C1D1L1O1S2 DOF/230109 REG/N312FE EET/EGPX0032 EKDK0041
ENOR0048 ESAA0128 EFIN0227 ENOR0230 BGGL0347 ENOB0401 BIRD0431
EGGX0515 CZEG0634 CZQX0644 CZUL0647 CZQM0846 CZYZ0857 KZBW0928
KZMP0946 KZNY0959 KZAU1009 KZOB1016 KZID1028 KZME1058 PER/D
RALT/EGPO CYYP RMK/TCAS)



[Additional Info]

D I S P A T C H B R I E F I N G I N F O FX184 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 FX184 / 09JAN2023
LIDO/WEATHER SERVICE DATE : 09Jan2023 TIME : 17:51 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=
ENOR POLARIS FIR
WS SIGMET U03 VALID 091525/091900 ENMI- ENOR POLARIS FIR
SEV TURB FCST WI N7055 E02620 - N7115 E02805 - N7025
E03120 - N7005 E03040 - N7055 E02620 SFC/FL060 STNR
NC=
BGGL NUUK FIR
WS SIGMET U01 VALID 091715/092115 BGSE- 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=

Tropical Cyclone SIGMETs:

No Wx data available

Volcanic Ash SIGMETs:

No Wx data available

Departure:

EGSS/STN STANSTED
SA 091720 AUTO 26011KT 9999 FEW045 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 091654 VRB04KT 10SM FEW250 09/02 A3030 RMK AO2 SLP262
T00890017
FT 091720 0918/1024 18005KT P6SM FEW250
FM092100 18004KT P6SM BKN250
FM101500 21008KT P6SM SCT250



Destination Alternates:

KSTL/STL ST LOUIS LAMBERT INTL

SA 091651 20008KT 10SM SCT200 BKN250 07/M01 A3022 RMK AO2 SLP243
T00671006 \$FT 091720 0918/1024 19008KT P6SM FEW250
FM101000 23007KT P6SM SCT250

Critical ETOPS Airports:

EGPO/SYY STORNOWAY

SA 091720 25010KT 9999 VCSH FEW020 SCT031 05/02 Q0993

FT 091659 0918/1003 24012KT 9999 FEW015 SCT025
PROB30 TEMPO 0918/1003 25015G25KT 7000 -SHRA

CYJR/YJR GOOSE BAY

SA 091700 26016KT 15SM DRSN FEW012 FEW030 M19/M28 A2965 RMK
SF1SC1 SLP046FT 091740 0918/1018 26012G22KT P6SM FEW012 SCT030
BECMG 0920/0922 25008KT
FM100000 24008KT P6SM SCT020
FM101100 27008KT P6SM SCT025 BKN150
FM101600 28008KT P6SM BKN025 OVC140
TEMPO 1016/1018 BKN020 OVC140
RMK NXT FCST BY 100000Z

AIRPORTLIST ENDED



[NOTAM]

LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION
VALID: 2301091751 - 2301100939 STD(EOBT)+TRIP+ALTN+3HRS
FX184 /09JAN OFP-NR: 1
ROUTE: EGSS - KMEM ALTN: KSTL
N0468F310 PLEASE FOR/N0469F320

=====

DEPARTURE AIRPORT - DETAILED INFO

=====

EGSS/STN STANSTED

+++++ AIRPORT +++++

A8530/22 VALID: 10-JAN-23 0900 - 10-JAN-23 1000
STANSTED RADAR FREQUENCY 120.625MHZ **U/S** (FOR APPROXIMATELY 30
MIN BTN 0900-1000). DURING THE OUTAGE, ALTERNATE FREQUENCY 132.050
MHZ SHALL BE USED.
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 +++++

A0060/23 VALID: 09-JAN-23 1300 - 09-JAN-23 1800

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 +++++

A0057/23 VALID: 09-JAN-23 1300 - 09-JAN-23 1800

MEM NAV ILS RWY 36R CAT II/III NA

A0059/23 VALID: 09-JAN-23 1300 - 09-JAN-23 1800

MEM NAV ILS RWY 36L CAT II/III NA

A0058/23 VALID: 09-JAN-23 1300 - 09-JAN-23 1800

MEM NAV ILS RWY 36C 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.



CYYR/YJR GOOSE BAY

+++++ AIRPORT +++++

S1570/23 VALID: 09-JAN-23 1524 - 09-JAN-23 2324

RSC 08 6/6/6 20 PCT COMPACTED SNOW, 20 PCT COMPACTED SNOW, 20 PCT COMPACTED SNOW. 180FT WIDTH. REMAINING WIDTH 3/4IN DRY SNOW. VALID JAN 09 1512 - JAN 09 2312.

RSC 26 6/6/6 20 PCT COMPACTED SNOW, 20 PCT COMPACTED SNOW, 20 PCT COMPACTED SNOW. 180FT WIDTH. REMAINING WIDTH 3/4IN DRY SNOW. VALID JAN 09 1512 - JAN 09 2312.

RSC 15 3/3/3 70 PCT 1/2IN DRY SNOW, 70 PCT 1/2IN DRY SNOW, 70 PCT 1/2IN DRY SNOW. VALID JAN 09 1504 - JAN 09 2304.

RSC 33 3/3/3 70 PCT 1/2IN DRY SNOW, 70 PCT 1/2IN DRY SNOW, 70 PCT 1/2IN DRY SNOW. VALID JAN 09 1504 - JAN 09 2304.

ADDN NON-GRF/TALPA INFO:

CRFI 15 -22C .30/.30/.30 OBS AT 2301091504.

CRFI 33 -22C .30/.30/.30 OBS AT 2301091504.

RMK: **TWY TWY ALPHA**, BRAVO, CHARLIE, DELTA, FOXTROT, 202301091042, DRY SNOW, 1/2IN. **TWY ALPHA** 1, NOVEMBER, QUEBEC, 202301091509, DRY SNOW ON TOP OF ICE, 1/2IN. SLIPPERY CONDITIONS. **TWY GOLF**, HOTEL, JULIET, 202301091522, COMPACTED SNOW. SLIPPERY CONDITIONS. PATCHY CONTAMINANT. **TWY KILO**, 202301091523, DRY SNOW, 3/4IN. **TWY LIMA**, 202301091524, **CLOSED**. **TWY PAPA**, 202301091043, DRY SNOW ON TOP OF ICE, 1/2IN.

RMK: APN APRON I, 202301091520, DRY SNOW, 1/2IN. SLIPPERY CONDITIONS. APN APRON II, 202301091051, DRY SNOW ON TOP OF ICE, 1/2IN. APN APRON III, APRON III BRAVO, APRON VI, 202301091522, COMPACTED SNOW. SLIPPERY CONDITIONS. PATCHY CONTAMINANT. APN APRON IV, APRON IV BRAVO, APRON V, 202301091523, DRY SNOW, 3/4IN.

E0078/23

MEDICAL EMERG ACFT NOT AUTH DUE TO MEDICAL FACILITY CONSTRAINTS

E6785/22

PPR FOR ALL MIL AND STATE ACFT WITH STOP OVERS IN CYYR.

CTC 5 WING OPS CENTRE VIA 5WGWO(AT)FORCES.GC.CA OR

FBO HANDLER FOR ASSIGNMENT OF PPR NUMBER

H4324/22

GOOSE **TACAN** UJR 110.3MHZ/CH40X **U/S**

E6742/22

AUTOLAND PROCEDURES NOT RECOMMENDED DUE TO POSSIBLE INTERFERENCE TO RADALT FROM 5G NETWORK RESULTING IN DEGRADED SYSTEM PERFORMANCE. REPORT ANY SUSPECTED CASES OF INTERFERENCE TO ATC OR TC

+++++ RUNWAY +++++

E5778/22

180 DEG TURNS NOT AUTH ON **RWY 15/33** FOR ACFT WITH MTOW OF GREATER THAN 7000KG (15,500 POUNDS)

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

E6430/22

ILS AND **LOC RWY 08** **AVBL** FOR MIL USE ONLY



=====

EXTENDED AREA AROUND DEPARTURE

=====

EGTT LONDON FIR/UIR

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

B0061/23 VALID: 10-JAN-23 0800 - 13-JAN-23 1600

NEWQUAY LOWER AIRSPACE RADAR SERVICES MAY BE UNAVAILABLE DUE MAINT

B0073/23

MARHAM LOWER AIRSPACE RADAR SERVICE OPR HR

09-13 0800-1700

17 0800-1700

18 0800-1730

19-20 0800-1700

B0072/23 VALID: 09-JAN-23 1526 - 09-JAN-23 1800

LEEMING LOWER AIRSPACE RADAR SERVICE **NOT AVAILABLE**

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

N0005/23

REPORT 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.

N0003/23

AIR 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

N0221/22

AIR 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 +++++

H0093/23 VALID: 10-JAN-23 0830 - 10-JAN-23 1200

AIR TO AIR REFUELLING WILL TAKE PLACE IN THE FOLLOWING AREAS: AREA
10E 0830-1200 FL230-FL260
F) FL230 G) FL260

H0094/23 VALID: 10-JAN-23 0830 - 10-JAN-23 1200

AIR TO AIR REFUELLING WILL TAKE PLACE IN THE FOLLOWING AREAS: AREA
10W 0830-1200 FL230-FL260
F) FL230 G) FL260

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

01/552 **VALID: 09-JAN-23 1730 - 09-JAN-23 1815**

AIRSPACE AR111(W) ACT FL250-FL290

01/071 **VALID: 09-JAN-23 1700 - 09-JAN-23 1800**

AIRSPACE AEROBATIC AREA WI AN AREA DEFINED AS 1NM
RADIUS OF CKV092029 (7NM NE M91) SFC-3500FT AGL

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

A0279/22

V74 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

01/760 VALID: 09-JAN-23 1730 - 09-JAN-23 1830

AIRSPACE AR330(W) ACT FL180-FL220

01/758 VALID: 09-JAN-23 1700 - 09-JAN-23 1800

AIRSPACE AR116(W) ACT FL200-FL220

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 CARKO 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 2130

SCOTTISH 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 +++++

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, STIRLINGSHERE). 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

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

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

EGPX **SCOTTISH FIR/UIR**

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

ENOR **NORWAY FIR**

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

A0129/23

OBST MAST LIGHT OEYENSKALVEN PSN 6416N01105E 65M AGL **U/S**

A0123/23

OBST LIGHTS HYWIND TAMPEN HY01, HY10 AND HY11 PSN 612100N 0021500E
U/S. HGT 624FT AMSL

A0046/23

FARRIS APP: FOR ATS OUTSIDE OPENING HRS CONTACT POLARIS ACC WEST
OF OSLOFJORDEN 127.250MHZ, EAST OF OSLOFJORDEN 118.875MHZ. EXPECT
LIMITED ATS, IFR APPROACH SERVICES **NOT AVAILABLE**

A0039/23

NO UHF COVERAGE POLARIS ACC SECTOR 26 FREQ 278.525 MHZ

A0020/23

OBST LGT AT 'GULESLETEN WINDFARM' ON MAST 14 PSN 614034N
0050906E, MAST 30 PSN 614039N 0050631E, MAST 47 PSN
614003N0050215E **U/S**. MAX HGT 2783FT AMSL, 519FT AGL

A7659/22

FARRIS APP HRS OF SER: MON-THU 0500-2200, FRI 0500-2100, SAT
0530-2030, SUN 0630-2200

A7390/22

UKRAINIAN CRISIS - ALL RUSSIAN REGISTERED AIRCRAFT AND AIRCRAFT
OWNED, CHARTERED OR OPERATED BY NATURAL OR LEGAL PERSONS FROM THE
RUSSIAN FEDERATION OR BY OPERATORS HOLDING AIR OPERATOR
CERTIFICATE (AOC) ISSUED BY THE RUSSIAN FEDERATION AUTHORITIES ARE
PROHIBITED TO ENTER, EXIT OR OVERFLY AIRSPACE OVER THE TERRITORY
OF NORWAY. EMERGENCY LANDINGS ARE EXEMPTED. FOR ANY OTHER PURPOSE
OF FLIGHT APPLICATION MUST BE SUBMITTED TO TRAFFIC(AT)CAA.NO AT
LEAST 48 HOURS BEFORE FLIGHT

A7108/22

BELARUS AIR OPERATORS AND BELARUS ACFT ARE NOT PERMITTED IN
AIRSPACE OVER NORWEGIAN TERRITORY

A6562/22

POWERSPAN MARKERS MISSING DUE **WIP** IN SVARTISEN-RANA SPAN. AREA,
PSN 663522N 0133433E - 663558N 0133426E. MAX HGT 2150FT AMSL



+++++ WAYPOINT +++++

A0017/23

AMEND BETRO RMK TO READ TACTICAL WAYPOINT ENQP, FRA (I), REF ENR 4.4.1

A0016/23

AMEND AMLAB RMK TO READ TACTICAL WAYPOINT ENQJ, FRA (I), REF ENR 4.4.1

A0015/23

AMEND AMKUX RMK TO READ TACTICAL WAYPOINT ENQA, FRA (I), REF ENR 4.4.1

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

A0106/23 VALID: 10-JAN-23 0900 - 10-JAN-23 1500

SAR EXERCISE WILL TAKE PLACE GISUNDET/SENJA, PSN 692300N 0180449E, RADIUS 3 NM, ACTIVITY WILL INCLUDE HELICOPTERS AND UNMANNED ACFT F) GND G) 4000FT AMSL

A7736/22 VALID: 10-JAN-23 0700 - 13-JAN-23 1730

DAILY 0700-1730

UNMANNED ACFT WILL TAKE PLACE AT BJARKOEYA WI PSN:

690236N 0163405E - 690010N 0163952E - 685510N 0161415E - 685830N 0161030E - 690236N 0161657E - (690236N 0163405E)

OPR WILL MONITOR FREQ 118.200 MHZ

F) GND G) 4000FT AMSL

A0135/23 VALID: 10-JAN-23 0700 - 10-JAN-23 1900

UNMANNED ACFT (BLOS) WILL TAKE PLACE BYNESET PSN 632330N 0100700E. RADIUS 2NM. MAX HGT 400 FT AGL. CONTACT TEL +47 97497815

F) GND G) 1500FT AMSL

A0144/23 VALID: 10-JAN-23 0700 - 10-JAN-23 1600

UNMANNED ACFT (BLOS) POWERLINE INSPECTION WILL TAKE PLACE IN HOLMESTRAND AREA PSN 594104N 0101714E - 592730N 0102010E - 592301N 0100505E - 593846N 0095848E - (594104N 0101714E). MAX HGT 400FT AGL. CTC TEL +47 99574652

F) GND G) 1700FT AMSL

A7737/22

DANGER AREA END356 TARVA **ACTIVATED**

F) GND G) FL225

A7796/22

DANGER AREA END257 AWES LISTA **ACTIVATED**. CTC KITEMILL TEL: +47 90075724. VHF FREQ 126.45 MHZ. REAL TIME ACTIVATION 30 MIN NOTICE F) GND G) 4000FT AMSL

A0073/23

TEMPO RESTRICTED AREA **ACTIVATED** 'SUNDEVOLLEN' PSN 600346N 0101840E, RADIUS 4 NM, 3000FT AGL. ALL FLYING PROHIBITED INCLUDING UNMANNED ACFT. HOSP/SAR/POLICE/MIL EXEMPTED. CTC +47 33 35 84 82

F) GND G) 3250FT AMSL

A0133/23

UNMANNED ACFT (BLOS) OPERATIONS WILL TAKE PLACE SUNDEVOLLEN PSN 600346N 0101838E

0105101E, RADIUS 1NM, MAX 400 FT AGL. CTC +47 45977583

F) GND G) 650FT AMSL

A7735/22

06 0800-1430, 09-13 0700-1730, 16-20 0800-1430

UNMANNED ACFT WILL TAKE PLACE AT GRytoEYA WI PSN:

690010N 0163952E - 685730N 0164700E - 685220N 0164400E - 684925N 0163750E - 684915N 0163130E - 685400N 0161530E - 685510N 0161415E - (690010N 0163952E)

OPR WILL MONITOR FREQ 120.100 MHZ

F) GND G) 4000FT AMSL

**A7794/22**

PERM RESTRICTED AREA EN R202 AMENDED TO READ KOLLSNES
PROSESSANLEGG, PSN 603215N 0044931E - 603233N 0045121E - 603349N
0045058E - 603332N 0044916E - 603317N 0045000E. ALL TFC PROHIBITED
EXC HOSP/MIL/SAR/POLICE/FIRE. SPECIAL PERMISSION MAY BE GRANTED BY
EQUINOR, TEL +47 56 38 47 77, E-MAIL LEDPROD(AT)EQUINOR.COM.
REF AIP NORWAY ENR 5.1
F) GND G) 3000FT AMSL

A7793/22

PERM RESTRICTED AREA EN R207 STURETERMINALEN ESTABLISHED PSN
603632N 0045050E - 603752N 0045009E - 603800N 0045134E - 603625N
0045217E - (603632N 0045050E). ALL TFC PROHIBITED EXC
HOSP/MIL/SAR/POLICE/FIRE. SPECIAL PERMISSION MAY BE GRANTED BY
EQUINOR, TEL +47 56 38 62 22, E-MAIL STUSKIFT(AT)EQUINOR.COM. REF
AIP NORWAY ENR 5.1
F) GND G) 3000FT AMSL

A6823/22

MON-FRI 0600-1600
UNMANNED ACFT VLOS WILL TAKE PLACE AT TANEM/TULLUAN AREA PSN
631900N 0102547E - 631553N 0102428E - 631607N 0102715E - 631900N
0102707E (631900N 0102547E) MAX HGT 400FT AGL. PILOT CONTACT +47
45869417
F) GND G) 1300FT AMSL

+++++ ROUTE +++++

A7772/22

MNM ALT CHANGED. ATC SURVEILLANCE MINIMUM ALT CHANGED IN SALEN TMA
B TO 4800 FT AMSL. REF AIP SWEDEN **AD** 2 ESKS 4-91, ATC SURVEILLANCE
MINIMUM ALTITUDE CHART.
ORIGIN: ESSA NOF USER:JE REF: ES/B4389/22

ENOB BODO OCEANIC FIR

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

A7390/22

UKRAINIAN CRISIS - ALL RUSSIAN REGISTERED AIRCRAFT AND AIRCRAFT
OWNED, CHARTERED OR OPERATED BY NATURAL OR LEGAL PERSONS FROM THE
RUSSIAN FEDERATION OR BY OPERATORS HOLDING AIR OPERATOR
CERTIFICATE (AOC) ISSUED BY THE RUSSIAN FEDERATION AUTHORITIES ARE
PROHIBITED TO ENTER, EXIT OR OVERFLY AIRSPACE OVER THE TERRITORY
OF NORWAY. EMERGENCY LANDINGS ARE EXEMPTED. FOR ANY OTHER PURPOSE
OF FLIGHT APPLICATION MUST BE SUBMITTED TO TRAFFIC(AT)CAA.NO AT
LEAST 48 HOURS BEFORE FLIGHT

A7108/22

BELARUS AIR OPERATORS AND BELARUS ACFT ARE NOT PERMITTED IN
AIRSPACE OVER NORWEGIAN TERRITORY

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.

CZEG EDMONTON FIR

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

F0060/23 VALID: 09-JAN-23 2000 - 09-JAN-23 2200

EDMONTON CENTRE FREQ 132.775MHZ AT EDMONTON **U/S**

F0057/23 VALID: 09-JAN-23 1900 - 09-JAN-23 2100

EDMONTON CENTRE PERIPHERAL STATION (PAL) 134.4MHZ AT SANIRAJAK
U/S

F0055/23 VALID: 08-JAN-23 1950 - 09-JAN-23 2359

EDMONTON CENTRE PERIPHERAL STATION (PAL) 132.5MHZ AT YELLOWKNIFE
U/S

F3839/22

DESIGNATED PORTIONS WITHIN CZEG AIRSPACE ARE STRUCTURED
FOR ONE WAY TFC AS FOLLOWS:

FL350 AND FL390 ARE STRUCTURED AND **AVBL** AS WESTBOUND

CRUISING FL WITHIN AN AREA BOUNDED BY

7800N 09000W - 6930N 10700W - 6320N 08820W - 6442N 08000W -

6245N 08000W - 6500N 06800W - 6508N 06620W - 7445N 08930W

THENCE COUNTER CLOCKWISE ALONG THE CTA BOUNDARY TO 7800N 09000W
DAILY 1200-2200

F3530/22

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

F3468/22

ALL ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECTLY OR
INDIRECTLY OWNED, CHARTERED, LEASED, OPERATED OR OTHERWISE
CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN
FEDERATION OR OF BELARUS OR BY A CORPORATION OR ENTITY THAT IS
INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION OR
BELARUS, AND ALL OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE
(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BELARUSIAN AUTHORITIES
ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL
AIRSPACE (INCLUDING FLT WITHIN 12NM OF CANADA'S COASTS).
EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INFLIGHT EMERG.
ALL AUTH OBTAINED PRIOR TO 27 FEB 2022 FOR ACFT AND OPS SUBJECT TO
THIS NOTAM ARE REVOKED.

HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER FLT SEEKING AN EXCEPTION
TO THIS RESTRICTION MUST RECEIVE AUTH GRANTED AFTER 27 FEB 2022 FM
THE MINISTER OF TRANSPORT TO OPERATE IN CANADA'S TERRITORIAL
AIRSPACE. AFFECTED ACFT WISHING TO OBTAIN SUCH AN AUTH OR CLR
INTO CANADA'S TERRITORIAL AIRSPACE MAY APPLY TO THE MINISTER OF
TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAIL AT
OPERATIONS.AVIATION(AT)TC.GC.CA.



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

L6543/22

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

L6538/22

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

L6061/22

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

L5673/22

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

M1614/22

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



+++++ ROUTE +++++

F4042/22

AMEND PUBLICATIONS: CZEG EDMONTON FIR: MANDATORY IFR ROUTES:

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

PART 1 OF 3

F4042/22 NOTAMR F3739/22

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

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

E)

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

PART 2 OF 3

F4042/22 NOTAMR F3739/22

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

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

E)

ELLKS ARR

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

PART 3 OF 3

**F4041/22**

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

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 ++++++

N0062/23 VALID: 09-JAN-23 1600 - 09-JAN-23 1800

BLASTING ACT WILL TAKE PLACE WITHIN 5NM RADIUS CENTRED ON 613240N
0733559W (APRX 11NM SSW KATTINIQ/DONALDSON AD)
F) SFC G) 6500FT AMSL

**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 KAIAGAMAC 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



CZYZ TORONTO FIR

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

G2836/22

LASER LGT OPS DISPLAY WILL TAKE PLACE
421637N 0830527W (APRX 6NM W CYQG AD) ,
GREEN LGT PROJECTED VERTICALLY,
POTENTIAL TO CREATE TEMPO EFFECTS TO VISION.
COCKPIT ILLUMINATION MAY OCCUR BEYOND THIS DIST

G2472/22

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

G2417/22

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

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

G2778/22

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

M3167/22

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

+++++ ROUTE +++++

G2693/22

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



KZMP

MINNEAPOLIS FIR/UIR

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

01/048 VALID: 09-JAN-23 2330 - 10-JAN-23 0215

AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER
SIDE OF A LINE FM AXN064050 TO AXN050035 TO AXN038040 SFC-3300FT

01/779 VALID: 09-JAN-23 2045 - 09-JAN-23 2245

AIRSPACE SNOOPY EAST MOA ACT 300FT UP TO BUT NOT
INCLUDING FL180

01/778 VALID: 09-JAN-23 2045 - 09-JAN-23 2245

AIRSPACE BEAVER MOA ACT 300FT UP TO BUT NOT
INCLUDING FL180

01/777 VALID: 09-JAN-23 2045 - 09-JAN-23 2245

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

01/767 VALID: 09-JAN-23 1830 - 09-JAN-23 1900

AIRSPACE AR406H(W) ACT FL260-FL280

01/763 VALID: 09-JAN-23 1800 - 09-JAN-23 1830

AIRSPACE AR406H(E) ACT FL260-FL280

01/747 VALID: 09-JAN-23 1445 - 09-JAN-23 1930

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

01/748 VALID: 09-JAN-23 1445 - 09-JAN-23 1930

AIRSPACE SNOOPY EAST MOA ACT 300FT UP TO BUT NOT
INCLUDING FL180

01/746 VALID: 09-JAN-23 1445 - 09-JAN-23 1930

AIRSPACE BEAVER MOA ACT 300FT UP TO BUT NOT
INCLUDING FL180

A0022/23

ZMP MN..ROUTE ZMP.

V561 PIERRE (PIR) **VORTAC**, SD TO JAMESTOWN (JMS) **VOR/DME**, ND MOCA
3500.

A0021/23

ADS-B, AUTO DEPENDENT SURVEILLANCE

REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B) SERVICES MAY
NOT BE **AVBL** WI AN AREA DEFINED AS 123NM RADIUS OF 453344N1001716W.
AP AIRSPACE AFFECTED MAY INCLUDE ABR, MBG, PIR, ASY, 3W8, 6V5,
7L2, 84D.

F) 3000FT G) 11000FT

**3/1294**

PART 1 OF 2 ND..AIRSPACE GRAND FORKS AFB,
ND..TEMPORARY FLIGHT
RESTRICTIONS.

JANUARY 8-14, 2023 LOCAL. PURSUANT TO 49 USC 40103(B)(3),
THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE
DEFINED IN THIS NOTAM AS 'NTL DEFENSE AIRSPACE'. ANY PERSON WHO
KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING OPS IN THIS
AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC
40103(B)(3). PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROC MAY
BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW
ENFORCEMENT/SECURITY PERSONNEL.

PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL ACFT
FLT OPS ARE PROHIBITED: WI AN AREA DEFINED AS 480100N0972331W
(GFK285009.1) TO 475430N0972331W (GFK243008.8) TO 475430N0972701W
(GFK246011) TO 480100N0972701W (GFK280011.3) TO THE POINT OF
ORIGIN SFC-2400FT MSL
EFFECTIVE 2301080600 UTC (0000 LOCAL 01/08/23) UNTIL 2301150559
UTC (2359 LOCAL 01/14/23).

WI AN AREA DEFINED AS 480840N0972230W (GFK317013.7) TO
474640N0972230W (GFK207013.1) THEN CLOCKWISE ON A 11 NM ARC
2301080600-2301150559

END PART 1 OF 2

PART 2 OF 2 ND..AIRSPACE GRAND FORKS AFB,
ND..TEMPORARY FLIGHT

CENTERED ON 475740N0972230W (GFK264007.7) TO THE POINT OF ORIGIN
2400FT MSL-FL180

EFFECTIVE 2301080600 UTC (0000 LOCAL 01/08/23) UNTIL 2301150559
UTC (2359 LOCAL 01/14/23).

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

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

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

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

4. MINNEAPOLIS CENTER, PHONE 651-463-5580, IS THE
FAA COORDINATION FACILITY.

2301080600-2301150559

END PART 2 OF 2

A0019/23

ZMP 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 23NM RADIUS OF 453735N0873129W. AP AIRSPACE AFFECTED MAY
INCLUDE ESC.

F) SFC G) 3000FT.

A0443/22

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

**A0446/22**

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

A0445/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
430222N0973100W (YKN319009.3) TO 444621N0965237W (FSD348067.6) TO
461153N1030943W (DIK188042.9) TO 490034N1031102W (ISN018050.7) TO
490002N0963026W (ROX281033.2) TO 462710N0901055W (IWD205005.3) TO
473339N0883732W (CMX348024.1) TO 462322N0862152W (SAW091042.8) TO
454055N0862242W (ESC094029.9) TO 452028N0865951W (ESC170023.2) TO
434117N0870950W (BAE053059.7) TO 435821N0873316W (OSH089043.3) TO
441252N0890340W (OSH300025.6) TO 440755N0901649W (DLL325041.4) TO
431007N0911620W (ODI168045.5) TO 433918N0920449W (RST104023.7) TO
424612N0923325W (ALO331014.6) TO 424629N0925853W (MCW135024.6) TO
413949N0932808W (DSM024015.8) TO 411129N0933501W (DSM162015.1) TO
405648N0933352W (LMN034027.9) TO 401833N0970113W (PWE275037.9) TO
401503N0990239W (HSI226035.2) TO 415928N0990204W (ONL198032.7) TO
423644N0981832W (ONL053018.8) 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

A0444/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
450649N0862332W (TVC309044.7) TO 463201N0862242W (SAW080043.4) TO
464907N0855503W (SAW069067.0) TO 462433N0843601W (SSM273011.8) TO
455031N0833757W (SSM144044.5) TO 451608N0830358W (APN069023.6) TO
434743N0824506W (MBS077059.7) TO 433459N0845912W (MOP263011.1) TO
434055N0870119W (BAE056064.7) TO POINT OF ORIGIN SFC-5000FT AGL.
HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE
INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND
CAT A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

A0447/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
444936N1000940W (PIR349025.9) TO 434628N0995120W (PIR149039.5) TO
433542N1004219W (PHP111050.0) TO 444557N1005855W (DPR111036.4) TO
POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER
DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES,
SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG
NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF
COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS
DIRECTIVE 2021-23-13

A0371/22

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

2/0127

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

**A0264/22**

ROUTE ZMP ZLC.

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

V218, V505 SQUEAK, MN MCA 10000 NORTHBOUND.

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

AIRSPACE UAS WI AN AREA DEFINED AS 480829N0971609W

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

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

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

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

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

08/202

AIRSPACE UAS WI AN AREA DEFINED AS 485439N0971530W

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

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

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

POINT OF ORIGIN 11000FT-FL180

A0186/22

ROUTE ZMP.

V71 BAYAF INT, SD TO COP MEA 6000.

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

ROUTE ZMP.

V171 ROLAG, MN TO APRIW, MN NA EXCEPT FOR ACFT EQUIPPED WITH

SUITABLE RNAV SYSTEM WITH GPS.

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

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

EAU.

A0045/22

ZMP.

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

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

DAYLE MCA TO READ V510 6500W.

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

ROUTE ZMP.

V129 EAU CLAIRE (EAU) **VORTAC**, WI R-341 TO COP MEA 6000.EAU **VORTAC** R-341 **UNUSABLE** BEYOND 40 NM BELOW 6000.**A0169/21**V561 JAMESTOWN (JMS) **VOR/DME**, ND TO PIERRE (PIR) **VORTAC**, SD MOCA 3800.**A0159/21**

ROUTE ZMP ZKC.

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

ROUTE ZMP.

V505 ALMAY, MN TO PRAGS, MN MOCA 2800.

**A0136/21**

..ROUTE ZMP.

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

ROUTE ZMP.

V172 WUNOT, IA TO LINDE, IA MOCA 3900.

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

01/752 VALID: 09-JAN-23 1600 - 10-JAN-23 0400

AIRSPACE R4305 ACT SFC-FL250

A0018/23 VALID: 09-JAN-23 1600 - 10-JAN-23 0400

ZMP AIRSPACE DCC TRAILING WIRE STNR ALT RESERVATION WI
AN AREA DEFINED AS 471300N0900500W TO 463700N0871100W TO
470700N0870900W TO 474500N0900500W TO POINT OF ORIGIN
F) FL200 G) FL250

01/741 VALID: 09-JAN-23 1330 - 09-JAN-23 2100

AIRSPACE R4201B ACT SFC-9000FT

01/742 VALID: 09-JAN-23 1330 - 09-JAN-23 2100

AIRSPACE R4201A ACT SFC-FL230

KZOB**CLEVELAND FIR/UIR**

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

01/764 VALID: 09-JAN-23 1800 - 09-JAN-23 1930

AIRSPACE 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 KEYER, 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

A0209/22V252 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.**KZAU****CHICAGO FIR/UIR**

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

A0006/23

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

A0004/23

ZAU IA..ROUTE ZAU ZKC.

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**.**01/007**

OBST STACK (ASR UNKNOWN) 434255N0874218W (7.7NM SE SBM) 1131FT (535FT AGL) NOT LGTD

A0212/22ZAU COM DOMESTIC CPDLC **AVBL** ON KUSA**A0199/22**

RDO ALTIMETER UNREL WI CHICAGO 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

A0197/22

ROUTE ZAU.

V274 PULLMAN (PMM) **VOR/DME**, MI TO VICTORY (VIO) **VOR/DME**, MI NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. PMM **VOR UNUSABLE** BEYOND 10 NM.**A0195/22**

ROUTE ZAU.

V84 PIVOT, MI TO PULLMAN (PMM) **VOR/DME**, MI NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.PMM **VOR UNUSABLE** BEYOND 10 NM.**A0172/22**V173 SPINNER (SPI) **VORTAC**, IL TO PEOTONE (EON) **VORTAC**, IL MOCA 2400.**A0139/22**

V84 STORY, IL TO PIVOT, MI MEA 4000 EASTBOUND, 3000 WESTBOUND.

**A0138/22**

V526 MUSKY, MI TO MAPER, MI MEA 4500.

A0017/21

V67 SPINNER (SPI) **VORTAC**, IL TO BURLINGTON (BRL) **VOR/DME**, IA MOCA 2300.

A0016/21

V67 BURLINGTON (BRL) **VOR/DME**, IA TO IOWA CITY (IOW) **VOR/DME**, IA MOCA 2200.

A0011/21

ROUTE ZAU.

V30 SQUIB, MI TO LITCHFIELD (LFD) **VOR/DME**, MI NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

PMM **VOR UNUSABLE**.

+++++ ROUTE +++++

2/8985

MI..ROUTE ZAU ZOB.

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

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.

=====

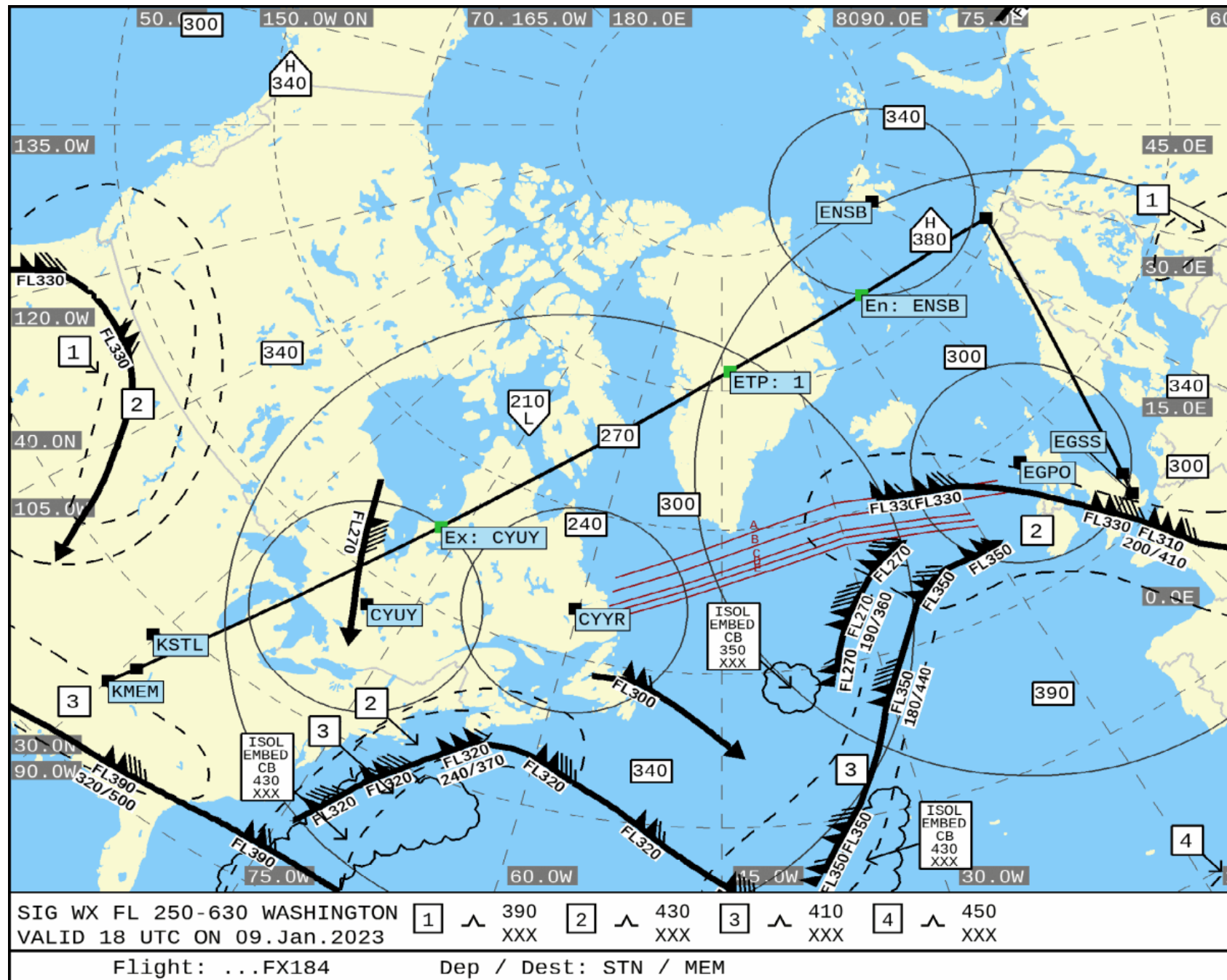
CREW BULLETIN

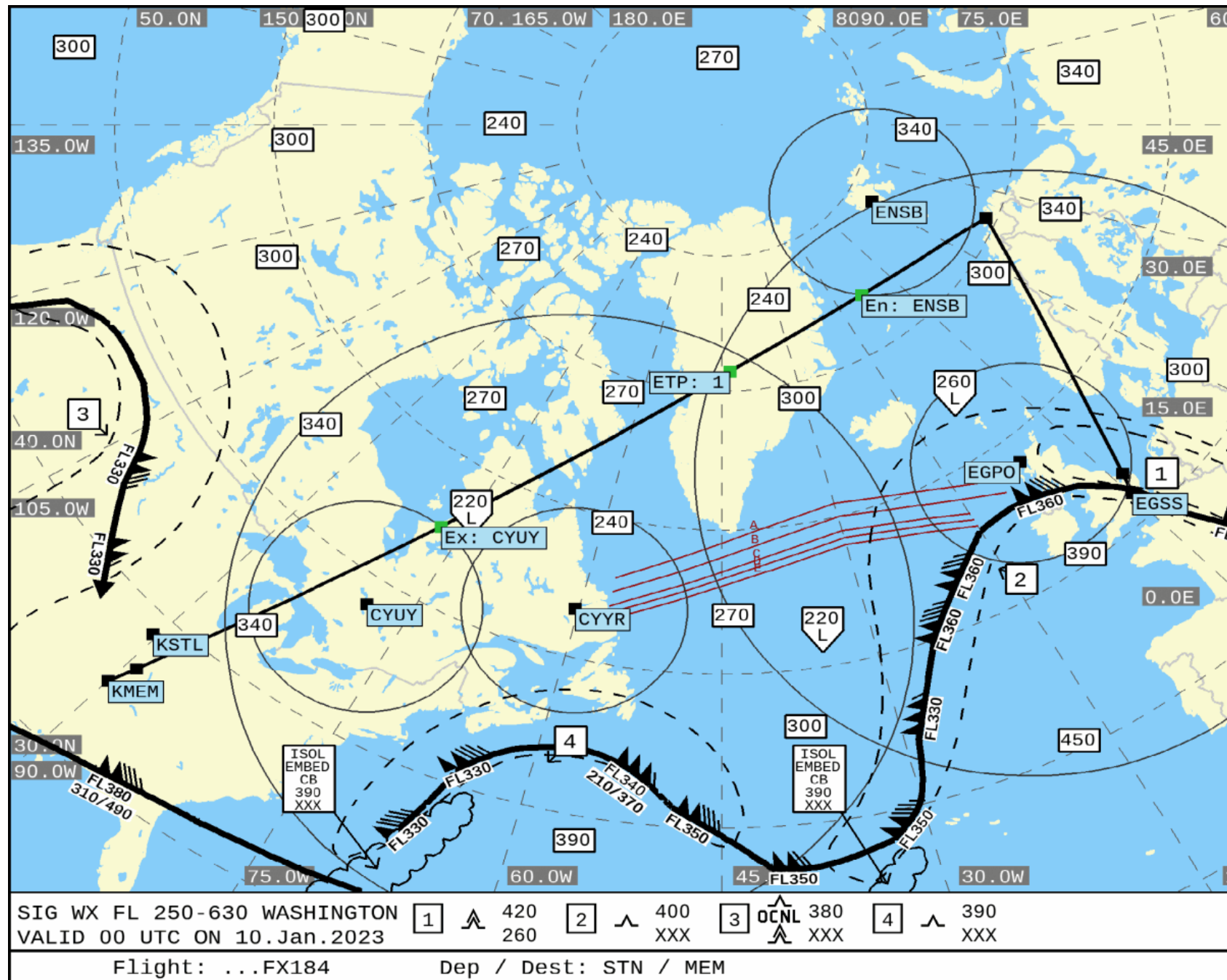
=====

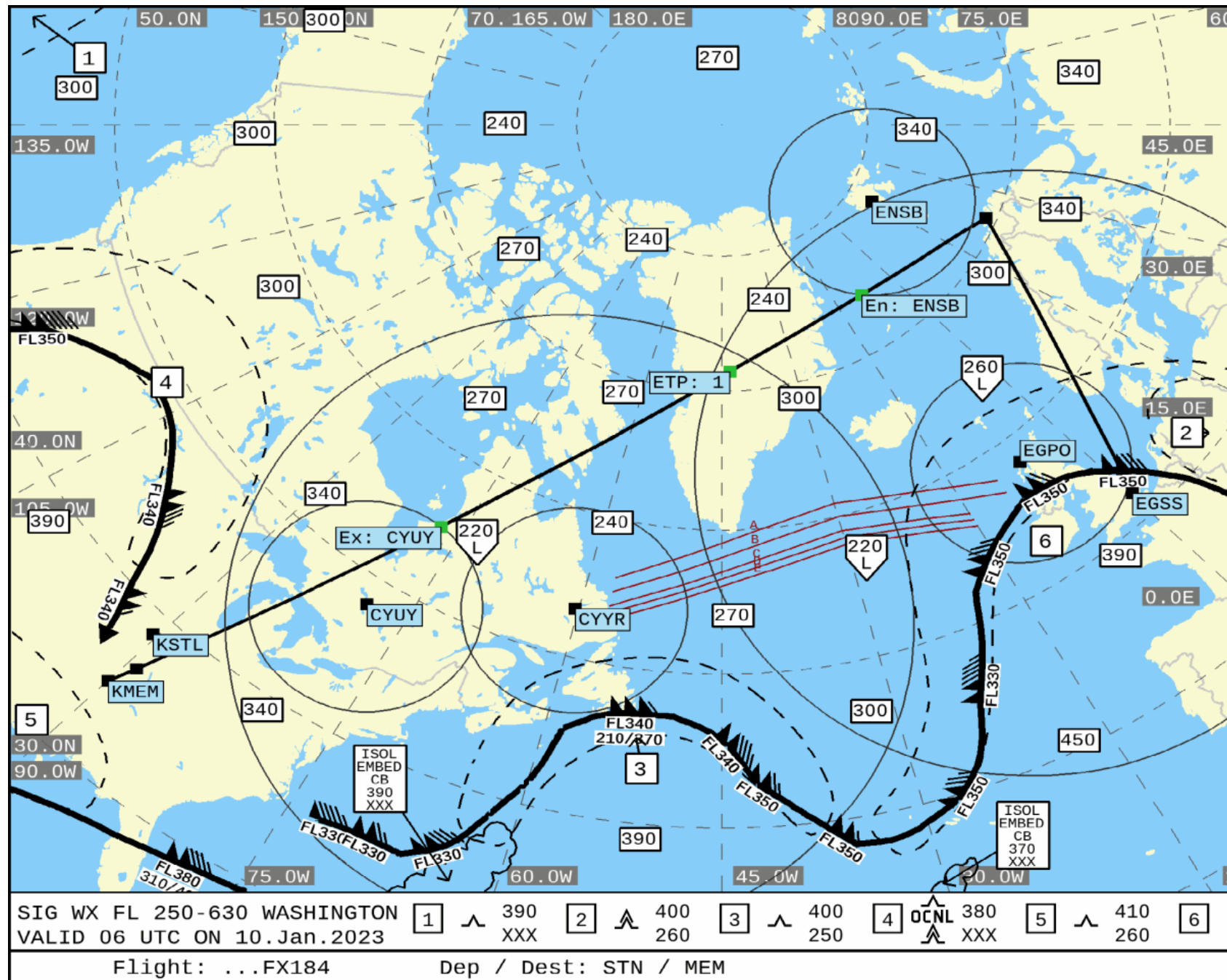
NIL

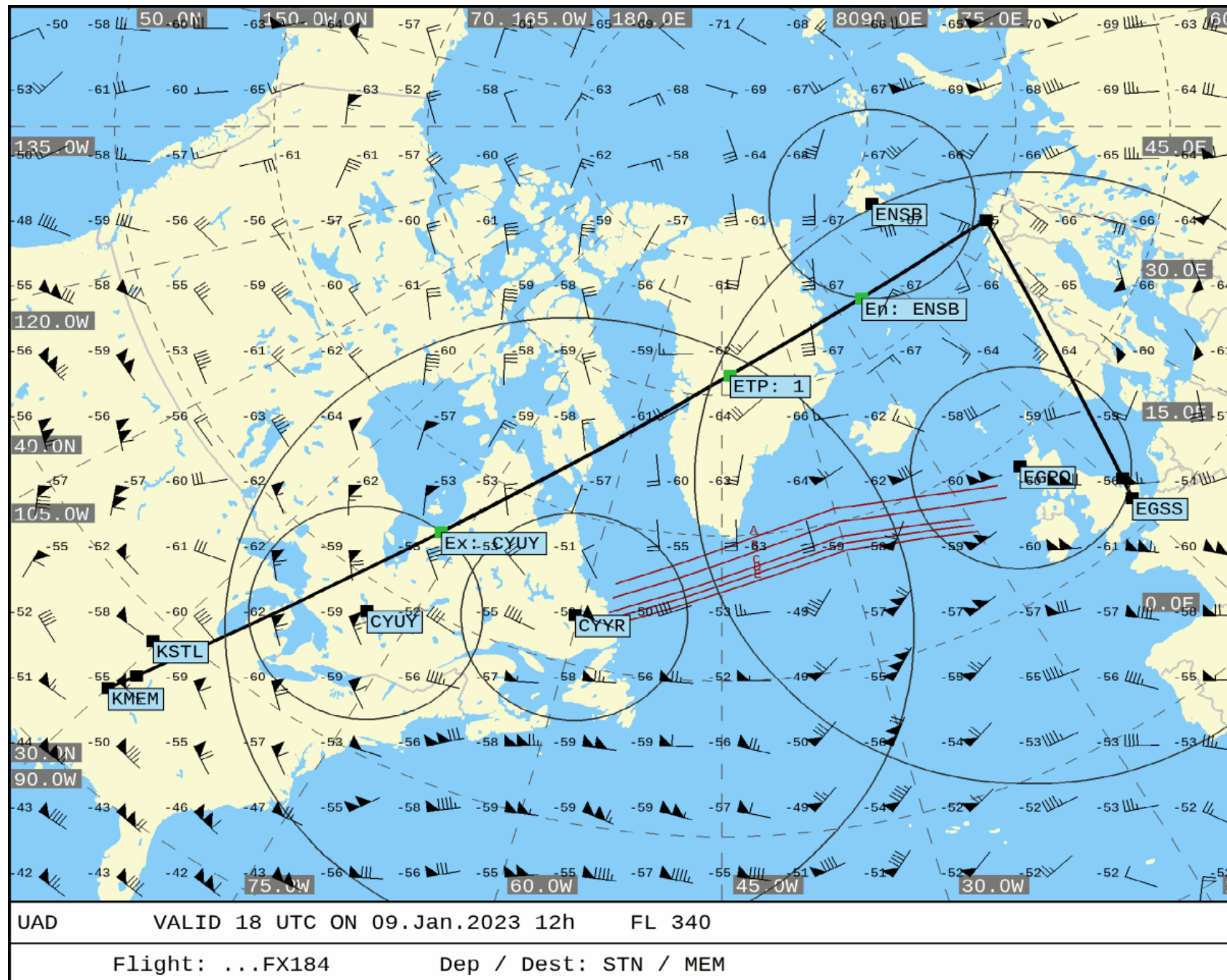
===== END OF LIDO-NOTAM-BULLETIN =====



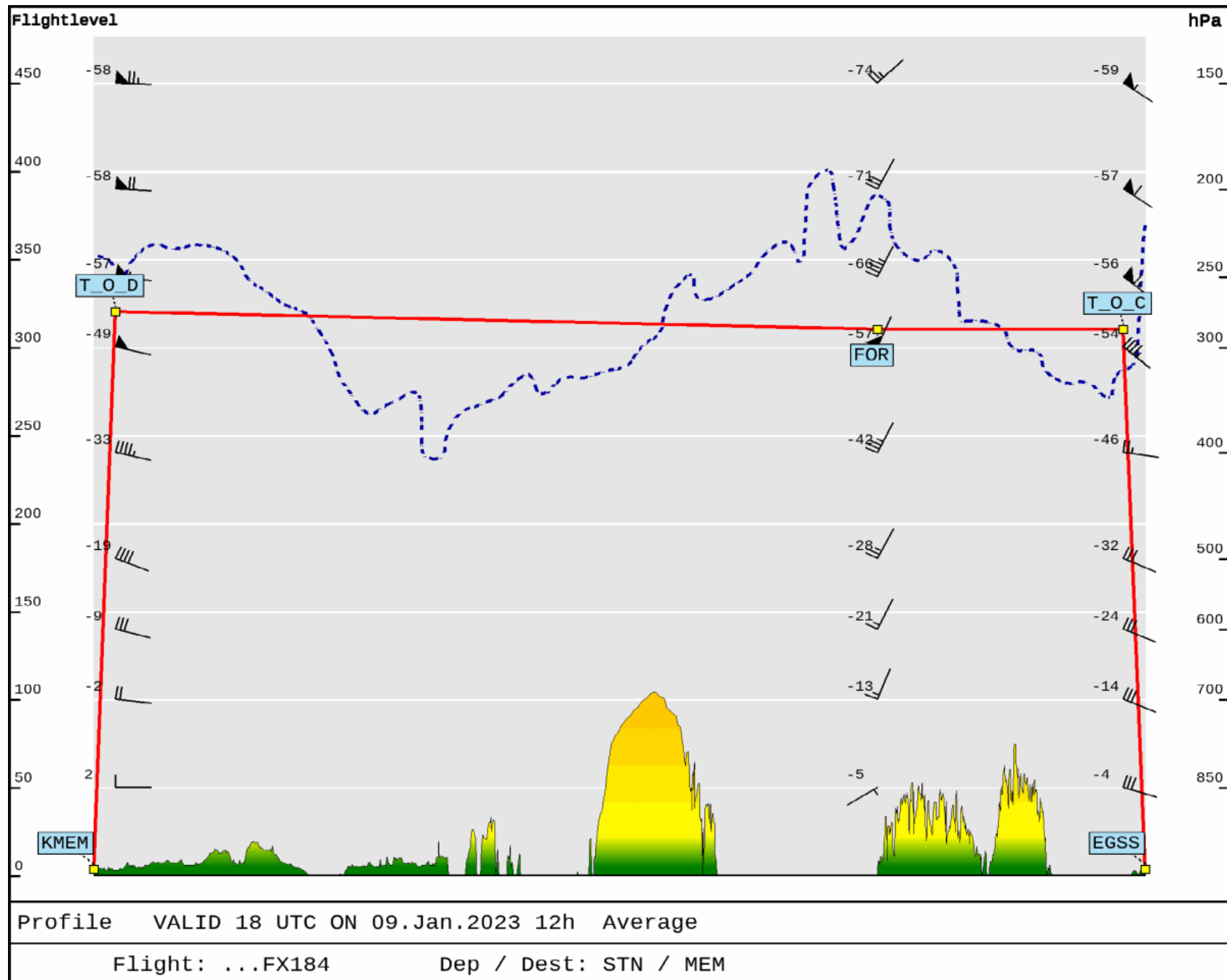














End of Document: Total Number of Pages: 68