



[OFP]

OFP 1/0/1-01 NOV-PREPARED BY: C.BREUER TXL-TEL:1 800 555 0199

.....
TCC221C/TCC221C PJTGE/77L SELCAL/EGAQ ROUTE: DEF RTE

DEP: KPHL 27L ELEV 36 FT COST INDEX: 250 TTL G/C DIST: 4128NM
ARR: SBGR 10R ELEV 2461 FT SPEED: ECON TTL F/P DIST: 4280NM
ALT: SBKP 15 PERF: 6.0% TTL ADIST: 4268NAM
INIT FL/TEMP: 350/M52

TKOF ALT: AVGE WC: P001

.....
CODES PAX CARGO PTTL UNDL :
105 265 9275 32595 18312L :
:
DOM ZFM TOM LAM :
156946 MAL 209106 348359 223168 :
PLN 189541 270220 204856 : SIGNATURE COMMANDER
ACT :

ROUTING: N0487F350 DCT KINER/M083F350 L461 BOVIC DCT PIREX L462
DAWIN/N0490F350 L462 LAMKN/N0490F360 UL462 ANU/N0495F350
UA312 DALGA/N0488F370 UA312 TONOM UL452 VUMON/N0482F390
UL452 ILKUS/N0485F380 UZ38 VUNOX SANPA1A

ATIS:

.....
FUEL CORR. ENDUR: ANALYSED TRIP FUEL:
NO DATA AVAILABLE FOR THIS
FLIGHT
065364 0855 TRIP FUEL
003268 0027 CONT 5%
003861 0032 ALT / SBKP
003011 0030 FINAL RES
001150 0010 ATC
001725 0015 WXX
002300 0020 HOLD
..... ADDFU
80679 1109 PLNTOF
..... ALT DIFF
..... EXTRA / POSS 18312L
..... ACTTOF
635 0020 TAXI
..... BLOCK / MTCAP 162619

NO TANKERING RECOMMENDED
DISPATCH DEFINED

ZFM INCR 1000 KG: TF +246 KG ZFM DECR 1000 KG: TF -197 KG
2000 FT BELOW: TF +1685 KG / EET 08.45

.....ALTERNATE INFO.....
ALTN/RWY TYPE DIST COMP/LVL TIME/PNLTY FUEL/PNLTY F.RES
SBKP/15 - 0152 M005/220 0032/- 03861/- 03011

SBKP/ REOR13A VUMEV DCT ENTIT ITEDI1A

.....
KPHL/PHL STD 2155 ETD 2155 OFB EST TOF 2215 TOF
SBGR/GRU STA 0730 ETA 0718 ONB EST LDG 0710 LDG
HRS 0935 0923 BLOCK FLIGHT



AWY -BDRY	WAYPOINT MORA	AVTT W/V	SPD TAS	GS TAS	FL TP	TMP	R/DST	MIN	ACC	ETO/ATO RF/FU
	KPHL/27L						4280/119			80.7/0.6
DCT		29/012								
	TOC		840		CLB	P03	4161/283	016	0016	.../...
	22	24/099								75.2/6.1
DCT										
-KZWY	BDRY		834	534	350		4026	015	0031	.../...
	20	24/100	487	461						73.2/8.1
DCT										
	KINER	120	834	534	350	-49	3878/129	017	0048	.../...
	20	24/100	487	461						71.1/10.3
L461										
	BOVIC	141	830	501	350	-44	3749/351	015	0103	.../...
	20	24/105	490	517						69.0/12.3
DCT										
	PIREX	159	830	477	350	-43	3398/157	045	0148	.../...
	20	24/069	491	533						63.3/18.1
L462										
	KOZIK	168	830	475	350	-44	3241/202	019	0207	.../...
	20	23/034	490	558						60.7/20.6
L462										
	TARMO	169	830	479	350	-44	3039/129	026	0233	.../...
	20	23/021	490	557						57.5/23.8
L462										
	ZABOR	169	830	486	350	-44	2910/52	016	0249	.../...
	20	20/005	490	559						55.5/25.8
L462										
-TJZS	DAWIN	169	830	488	350	-44	2858/96	006	0255	.../...
	20	14/002	490	562						54.7/26.6
L462										
	NEYDU	169	830	489	350	-44	2762/59	012	0307	.../...
	20	08/009	490	563						53.3/28.0
L462										
-TTZP	LAMKN	169	838	493	350	-44	2703/53	007	0314	.../...
	20	08/007	494	563						52.4/28.9
UL462										
	ANU	169	837	489	*360	-47	2650/54	007	0321	.../...
	20	08/010	490	558						51.5/29.8
UA312										
	PPR	163	839	491	*350	-44	2596/105	007	0328	.../...
	24	09/013	495	557						50.7/30.6
UA312										
	FOF	163	839	494	350	-44	2491/63	013	0341	.../...
	59	08/013	495	556						49.1/32.2
UA312										
	TOXUN	161	839	497	350	-44	2428/297	007	0348	.../...
	29	06/011	495	556						48.2/33.1
UA312										
-SYGC	DALGA	161	839	503	350	-44	2131/26	036	0424	.../...
	20	04/015	495	548						43.9/37.4
UA312										
	LEPOD	161	836	499	*370	-49	2105/52	003	0427	.../...
	20	03/017	488	544						43.3/38.0
UA312										
	LOKIT	161	836	498	370	-49	2053/75	006	0433	.../...
	20	03/017	488	542						42.6/38.7
UA312										
	TIM	161	837	498	370	-49	1978/98	009	0442	.../...
	21	03/015	488	546						41.5/39.8



UA312													
-SMPM	BDRY		837	493	370		1883		012	0454	.../...		
	23	04/011		488	544						40.2/41.1		
UA312													
	KOXAM	158	837	493	370	-49	1880/194	000	0454	.../...			
	23	04/011		488	544						40.2/41.2		
UA312													
-SBAZ	TONOM	158	837	491	370	-49	1686/33	024	0518	.../...			
	38	05/010		488	546						37.4/43.9		
UL452													
	ESUNA	155	837	483	370	-49	1653/26	004	0522	.../...			
	36	09/011		488	548						36.9/44.4		
UL452													
	TIKBA	155	837	484	370	-49	1627/227	003	0525	.../...			
	31	09/011		489	548						36.6/44.7		
UL452													
	DARBU	155	837	486	370	-49	1400/60	028	0553	.../...			
	35	08/010		489	548						33.4/47.9		
UL452													
	TORAX	155	838	489	370	-49	1340/71	007	0600	.../...			
	24	06/008		489	552						32.5/48.8		
UL452													
	ELABI	155	839	485	370	-49	1269/32	009	0609	.../...			
	25	09/009		489	544						31.5/49.8		
UL452													
	PUMKU	155	839	482	370	-49	1237/99	004	0613	.../...			
	27	12/010		490	536						31.1/50.2		
UL452													
	RONUB	155	839	482	370	-49	1138/102	012	0625	.../...			
	35	13/009		490	538						29.7/51.6		
UL452													
	TOPUR	155	840	480	370	-49	1036/16	013	0638	.../...			
	35	15/010		490	530						28.3/53.0		
UL452													
	IBDAN	155	840	479	370	-49	1020/157	002	0640	.../...			
	34	15/011		490	525						28.0/53.3		
UL452													
-SBBS	VUMON	153	840	478	370	-49	863/42	020	0700	.../...			
	38	17/013		490	523						25.8/55.5		
UL452													
	PAMOV	152	836	470	*390	-54	821/121	005	0705	.../...			
	28	21/022		482	528						25.2/56.2		
UL452													
	KORVO	151	836	470	390	-55	700/142	015	0720	.../...			
	36	22/027		481	536						23.6/57.8		
UL452													
	ILKUS	151	837	476	390	-55	558/21	018	0738	.../...			
	65	23/030		482	530						21.7/59.6		
UZ38													
	GEKON	157	840	483	*380	-53	537/39	003	0741	.../...			
	58	24/029		485	515						21.5/59.8		
UZ38													
	MUDBI	157	840	480	380	-53	498/38	005	0746	.../...			
	66	24/030		486	510						21.0/60.3		
UZ38													
	MULUV	157	840	480	380	-53	460/68	005	0751	.../...			
	59	24/030		486	510						20.5/60.8		
UZ38													
	ENRUR	160	840	479	380	-54	392/91	009	0800	.../...			
	56	24/039		485	503						19.6/61.7		



UZ38	EGDUP	160	840	485	380	-54	301/52	011	0811	.../...
	54	25/041		485	487					18.4/62.9
UZ38	NISNI	159	842	492	380	-54	249/63	006	0817	.../...
	64	26/054		486	482					17.7/63.6
UZ38	ROBAG	159	842	495	380	-54	186/10	008	0825	.../...
	64	26/062		486	484					16.9/64.4
UZ38	VIANA	158	842	495	380	-54	176/38	001	0826	.../...
	64	26/062		486	485					16.8/64.5
UZ38	EVPOM	193	843	458	380	-54	138/06	005	0831	.../...
	64	26/062		486	485					16.3/65.0
UZ38	TOD	193	843	443	380	-55	132/45	001	0832	.../...
	59	25/070		485	495					16.2/65.1
UZ38	VUNOX		310				DSC P14	087/14	007	0839 .../...
	75	27/035								16.0/65.3
SANPA1A	GR259		310				DSC P14	073/14	002	0841 .../...
	75	27/035								15.9/65.4
SANPA1A	GR262		310				DSC P16	059/29	002	0843 .../...
	75	28/028								15.8/65.5
SANPA1A	SANPA		310				DSC P15	030/04	004	0847 .../...
	74	33/023								15.7/65.6
SANPA1A	GR283		310				DSC P15	026/12	001	0848 .../...
	63	35/018								15.7/65.6
SANPA1A	LOMEN		310				DSC P14	014/14	001	0849 .../...
	54	02/015								15.6/65.7
SANPA1A	SBGR/10R						DSC	000	006	0855 .../...
	53	01/010								15.3/66.0



.....WIND INFORMATION.....

CLIMB	TOC	KINER	BOVIC
350 244/099 -52	390 243/106 -55	390 244/116 -52	390 245/104 -52
310 242/089 -44	370 243/103 -54	370 244/112 -49	370 244/103 -48
200 254/055 -21	350 244/099 -52	350 243/106 -46	350 243/102 -43
150 267/045 -10	330 245/094 -48	330 244/097 -43	330 242/099 -39
100 278/037 -03	310 245/088 -44	310 247/086 -40	310 241/097 -36

PIREX	KOZIK	TARMO	ZABOR
390 235/032 -53	390 237/033 -54	390 210/015 -55	390 274/003 -54
370 239/032 -48	370 236/032 -49	370 219/012 -49	370 278/001 -49
350 242/032 -43	350 231/033 -44	350 226/010 -44	350 123/003 -44
330 242/035 -39	330 227/033 -39	330 220/010 -38	330 124/008 -38
310 238/039 -34	310 225/034 -34	310 202/011 -33	310 128/012 -33

DAWIN	NEYDU	LAMKN	ANU
390 159/008 -54	390 114/007 -54	390 093/006 -54	400 093/013 -57
370 157/005 -49	370 094/007 -49	370 084/006 -49	380 082/011 -52
350 141/002 -44	350 083/009 -44	350 083/007 -44	360 084/010 -47
330 100/003 -38	330 090/009 -39	330 097/007 -39	340 086/008 -41
310 098/007 -33	310 118/009 -34	310 121/008 -34	320 104/007 -36

PPR	FOF	TOXUN	DALGA
390 079/013 -54	390 070/016 -54	390 060/014 -54	390 031/015 -54
370 081/013 -49	370 068/015 -49	370 059/013 -49	370 032/017 -49
350 087/013 -44	350 069/013 -44	350 061/011 -44	350 031/018 -44
330 092/012 -39	330 066/013 -39	330 061/011 -39	330 032/020 -38
310 093/011 -34	310 059/015 -34	310 060/015 -33	310 035/024 -33

LEPOD	LOKIT	TIM	KOXAM
410 012/008 -58	410 026/008 -58	410 006/002 -58	410 167/003 -59
390 031/015 -54	390 027/015 -54	390 024/013 -54	390 054/008 -54
370 032/017 -49	370 033/017 -49	370 026/015 -49	370 042/011 -49
350 031/018 -44	350 041/017 -44	350 028/015 -44	350 033/012 -44
330 032/020 -38	330 044/018 -38	330 030/015 -38	330 032/013 -38

TONOM	ESUNA	TIKBA	DARBU
410 183/005 -59	410 153/010 -59	410 153/010 -59	410 131/005 -59
390 044/003 -54	390 119/011 -54	390 119/011 -54	390 081/007 -54
370 053/008 -49	370 089/011 -49	370 089/011 -49	370 068/008 -49
350 059/014 -44	350 064/014 -43	350 064/014 -43	350 059/009 -44
330 068/017 -38	330 064/016 -38	330 064/016 -38	330 072/009 -38

TORAX	ELABI	PUMKU	RONUB
410 105/005 -59	410 107/005 -59	410 129/008 -59	410 158/006 -59
390 052/007 -54	390 081/008 -54	390 106/010 -54	390 133/008 -54
370 063/007 -49	370 089/009 -49	370 119/010 -49	370 133/009 -49
350 084/008 -43	350 101/010 -43	350 138/011 -43	350 136/009 -43
330 100/010 -38	330 109/012 -38	330 132/012 -38	330 129/011 -38



TOPUR	IBDAN	VUMON	PAMOV
410 189/012 -59	410 189/012 -59	410 205/023 -59	430 216/028 -65
390 165/011 -54	390 165/011 -54	390 200/022 -54	410 213/025 -60
370 151/011 -49	370 151/011 -49	370 194/017 -49	390 210/022 -54
350 139/011 -43	350 139/011 -43	350 183/012 -44	370 205/017 -49
330 128/010 -38	330 128/010 -38	330 169/007 -39	350 195/011 -44
KORVO	ILKUS	GEKON	MUDBI
430 214/039 -65	430 220/044 -66	420 224/040 -63	420 224/045 -64
410 219/035 -60	410 228/037 -61	400 234/033 -58	400 229/036 -58
390 225/032 -55	390 240/030 -56	380 244/029 -53	380 237/030 -53
370 229/027 -50	370 245/028 -50	360 245/026 -48	360 246/031 -48
350 234/022 -44	350 246/025 -45	340 247/024 -42	340 255/032 -43
MULUV	ENRUR	EGDUP	NISNI
420 223/045 -64	420 237/057 -64	420 246/062 -65	420 248/067 -65
400 228/036 -58	400 239/046 -59	400 249/050 -60	400 254/059 -60
380 237/030 -53	380 243/039 -54	380 252/041 -54	380 257/054 -54
360 246/031 -48	360 248/040 -48	360 251/041 -48	360 252/053 -49
340 255/033 -43	340 254/042 -43	340 249/041 -42	340 247/053 -43
ROBAG	VIANA	EVPOM	TOD
420 258/067 -65	420 258/067 -65	420 257/067 -65	420 258/073 -64
400 260/065 -59	400 260/065 -59	400 259/064 -59	400 253/071 -60
380 260/062 -54	380 260/062 -54	380 260/062 -54	380 250/070 -55
360 257/060 -48	360 257/060 -48	360 257/059 -48	360 251/070 -49
340 254/057 -43	340 254/057 -43	340 254/057 -43	340 251/070 -44
DESCENT			
350 251/069 -47			
310 260/054 -36			
200 273/035 -11			
150 291/027 -01			
100 311/022 +10			



[ATC Flight Plan]

FF KZDCZQZX KZNYZQZX KZWYZQZX TJZSZQZX TTZPZQZX SYGCZQZX SMPMZQZX
SBAZZQZX SBBSZQZX
 TNCCTCAP
(FPL-TCC221C-IS
-B77L/H-SDE1E2E3FGHIJ2J3J4J5M1RWXY/LB1D1
-KPHL2155
-N0487F350 DCT KINER/M083F350 L461 BOVIC DCT PIREX L462
 DAWIN/N0490F350 L462 LAMKN/N0490F360 UL462 ANU/N0495F350 UA312
 DALGA/N0488F370 UA312 TONOM UL452 VUMON/N0482F390 UL452
 ILKUS/N0485F380 UZ38 VUNOX SANPA1A
-SBGR0855 SBKP
-PBN/A1B1C1D1L1O1S2 DOF/251101 REG/PJTGE EET/KZNY0012 KZWY0031
 TJZS0255 TTZP0314 SYGC0424 SMPM0454 SBAZ0518 SBBS0700 SEL/EGAQ
 CODE/484DC7 RVR/075 OPR/TRADEWIND CARIBBEAN ORGN/TNCCTCAP RMK/TCAS)



[Additional Info]

D I S P A T C H B R I E F I N G I N F O TCC221C KPHL/SBGR



[Runway Analysis]

TAKEOFF AND LANDING REPORT TCC 221C KPHL-SBGR 01NOV25
 TLR-1 SEQ-151429476 01NOV25 2033Z
 A/C PJ-TGE B777-200LR GE90-110B1 BEW/CG 156946/.....

/// TAKEOFF DATA ///

APT	PRWY	POAT	PWIND	PQNH	PMRTW	FLP	MT	V1	VR	V2	PTOW	MFPTW	LIMIT
KPHL	27L	17.0	272M05	29.99	3302	5	51	62	65	69	2702	2885	FLD

RMKS D-TO1 - SEL TEMP 51
 BLEEDS ON

RWY	OAT	WIND	QNH	MRTW	FLP	V1	VR	V2	PWR	CONFIG/CONDITION
-----	-----	------	-----	------	-----	----	----	----	-----	------------------

----- ACARS RUNWAYS -----										
RWY	ACARS	LENGTH	PMTOW	NOTES						
08		5001	----							
09L		9500	3084	ILS 108.95						
09R		12000	3181	ILS 109.30						
17		6500	2769	ILS 108.75						
26		5001	2106	ILS 111.55						
27L		12000	3302	ILS 109.30						
27R		9500	2996	ILS 108.95						
35		6500	2831							

----- DRY RWY - PTOW - CALM WIND -----										
RWY	MTOW	MT	CONFIG	FLP	V1	VR	V2	LIMIT		
08	----	--								
09L	2965	44	D-TO1 - BLEEDS ON	5	157	160	165	FLD		
09R	3292	51	D-TO1 - BLEEDS ON	5	162	165	169	FLD		
17	2800	36	D-TO - BLEEDS ON	20	142	144	155	FLD		
26	1977	--		---	---	---	---	FLD		
27L	3262	50	D-TO1 - BLEEDS ON	5	159	161	165	FLD		
27R	2959	44	D-TO1 - BLEEDS ON	5	157	160	165	FLD		
35	2820	37	D-TO - BLEEDS ON	20	142	144	155	FLD		

----- DRY RWY - PTOW PLUS 6000 - CALM WIND -----										
RWY	MTOW	MT	CONFIG	FLP	V1	VR	V2	LIMIT		
08	----	--								
09L	3083	45	D-TO1 - BLEEDS ON	15	151	154	159	FLD		
09R	3292	49	D-TO1 - BLEEDS ON	5	163	166	169	FLD		
17	2800	32	TO - BLEEDS ON	20	142	145	156	FLD		
26	1977	--		---	---	---	---	FLD		
27L	3262	49	D-TO1 - BLEEDS ON	5	163	166	169	FLD		
27R	3079	44	D-TO1 - BLEEDS ON	15	151	154	159	FLD		
35	2820	34	D-TO - BLEEDS ON	20	143	146	156	FLD		



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----- LANDING DISTANCE - FLAPS 30 - MAX MANUAL BRAKING -----
              ACTUAL              FACTORED
LDW  VREF  DRY    WET    DRY    WET
2010  135  3400  4653  4591  6031
2040  135  3412  4669  4609  6055
/ 2070  135  3424  4685  4627  6078
 2100  136  3435  4701  4646  6101
 2130  136  3447  4717  4664  6125
HW/KT              -20    -28    -23    -32
TW/KT              62     84     91    117
    
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END TAKEOFF AND LANDING REPORT TCC 221C KPHL-SBGR 01NOV25



[Weather]

 KPHL --> SBGR TCC 221C / 01NOV2025
 LIDO/WEATHER SERVICE DATE : 01Nov2025 TIME : 20:33 UTC

AIRMETs:
 No Wx data available

SIGMETsS:

SBBS BRASILIA FIR/UIR
 WS SIGMET 53 VALID 011930/012330 SBBS - SBBS BRASILIA FIR
 EMBD TS FCST WI S2009 W04324 - S2025 W04245 - S2000
 W04232 - S1928 W04228 - S1845 W04227 - S1657 W04149 -
 S1538 W04406 - S1320 W04534 - S1200 W04654 - S1020
 W04719 - S1017 W04741 - S0944 W04758 - S0937 W04822 -
 S0950 W04852 - S1013 W04902 - S1031 W05105 - S1211
 W05303 - S1258 W05330 - S2009 W04324 TOP FL470 MOV E
 15KT INTSF=
 WS SIGMET 54 VALID 011930/012330 SBBS - SBBS BRASILIA FIR
 EMBD TS FCST WI S1258 W05330 - S1434 W05338 - S1643
 W05306 - S1724 W05407 - S2020 W05127 - S2220 W04955 -
 S2307 W04734 - S2338 W04639 - S2314 W04552 - S2248
 W04546 - S2032 W04358 - S2009 W04324 - S1258 W05330
 TOP FL470 MOV E 15KT INTSF=
 KZNY NEW YORK OCEANIC FIR/UIR
 WS SIGMET SIGAOA KZNY KZMA SIGMET ALFA 6 VALID 011918/012318
 KKCI- NEW YORK OCEANIC FIR
 MIAMI OCEANIC FIR
 FRQ TS OBS AT 1918Z WI N2800 W06830 - N2700 W06645 -
 N2230 W07145 - N2500 W07230 - N2800 W06830. TOP FL500.
 MOV NNE 10KT. NC.=
 WS SIGMET SIGAOB KZNY KZMA TJZS SIGMET BRAVO 5 VALID
 011923/012323 KKCI- NEW YORK OCEANIC FIR
 MIAMI OCEANIC FIR
 SAN JUAN OCEANIC FIR
 EMBD TS OBS AT 1923Z WI N2145 W06800 - N1800 W06245 -
 N1545 W06600 - N1900 W06800 - N2015 W07030 - N2145
 W06800. TOP FL500. MOV NW 25KT. NC.=
 SBAZ AMAZONICA FIR/UIR
 WS SIGMET 74 VALID 011930/012330 SBAZ - SBAZ AMAZONICA FIR
 EMBD TS FCST WI S0649 W06043 - S1347 W05334 - S1258
 W05330 - S1211 W05303 - S1031 W05105 - S1013 W04902 -
 S0950 W04852 - S0937 W04822 - S0944 W04758 - S1017
 W04741 - S1018 W04735 - S1003 W04715 - S0932 W04709 -
 S0851 W04639 - S0809 W04546 - S0651 W04505 - S0512
 W04649 - S0336 W04930 - S0304 W05038 - S0258 W05040 -
 S0304 W05040 - S0649 W06043 TOP FL470 MOV W 10KT
 INTSF=
 WS SIGMET 75 VALID 011930/012330 SBAZ - SBAZ AMAZONICA FIR
 EMBD TS FCST WI S1112 W06524 - S1150 W06511 - S1232
 W06419 - S1228 W06340 - S1334 W06152 - S1400 W06023 -
 S1506 W06036 - S1616 W06010 - S1619 W05827 - S1711
 W05825 - S1750 W05743 - S1743 W05611 - S1734 W05441 -
 S1724 W05407 - S1643 W05306 - S1434 W05338 - S1347
 W05334 - S0649 W06043 - S0701 W06115 - S0656 W06110 -
 S1045 W06523 - S1112 W06524 TOP FL470 MOV W 10KT
 INTSF=
 WS SIGMET 73 VALID 011930/012330 SBAZ - SBAZ AMAZONICA FIR
 EMBD TS FCST WI N0100 W06538 - S0656 W06110 - S0701
 W06115 - S0304 W05040 - N0221 W05343 - N0238 W05555 -
 N0116 W05847 - N0237 W05958 - N0321 W05942 - N0328
 W05946 - N0328 W05939 - N0326 W05940 - N0357 W05929 -
 N0523 W06010 - N0401 W06232 - N0422 W06448 - N0207



W06349 - N0114 W06458 - N0100 W06538 TOP FL470 MOV W 10KT INTSF=
 WS SIGMET 72 VALID 011930/012330 SBZ - SBZ AMAZONICA FIR
 EMBD TS FCST WI S0731 W07358 - S0925 W07313 - S1000
 W07210 - S1001 W07116 - S0928 W07035 - S1104 W07038 -
 S1107 W06840 - S0955 W06631 - S0948 W06521 - S1045
 W06523 - S0656 W06110 - N0100 W06538 - N0046 W06618 -
 N0215 W06723 - N0146 W06951 - S0007 W07006 - S0113
 W06924 - S0415 W06957 - S0406 W07037 - S0501 W07246 -
 S0731 W07358 TOP FL470 MOV W 10KT INTSF=
 WS SIGMET 77 VALID 011930/012330 SBZ - SBZ AMAZONICA FIR
 EMBD TS FCST WI S0055 W05153 - S0304 W05040 - S0258
 W05040 - S0304 W05038 - S0336 W04930 - S0509 W04653 -
 S0324 W04349 - N0008 W04838 - S0055 W05153 TOP FL470
 MOV W 10KT INTSF=
 WS SIGMET 78 VALID 011935/012330 SBZ - SBZ AMAZONICA FIR
 EMBD TS FCST WI S0453 W04722 - S0512 W04649 - S0651
 W04505 - S0618 W04448 - S0606 W04412 - S0600 W04409 -
 S0600 W04409 - S0442 W04323 - S0429 W04309 - S0411
 W04231 - S0351 W04225 - S0302 W04328 - S0315 W04402 -
 S0324 W04349 - S0509 W04653 - S0452 W04722 - S0453
 W04722 TOP FL470 MOV W 10KT INTSF=
 WS SIGMET 80 VALID 012000/012330 SBZ - SBZ AMAZONICA FIR
 EMBD TS FCST WI N0223 W05357 - N0221 W05343 - S0055
 W05153 - N0007 W04840 - N0204 W04814 - N0425 W05137 -
 N0410 W05146 - N0410 W05123 - N0333 W05123 - N0333
 W05207 - N0333 W05207 - N0215 W05252 - N0223 W05357 -
 N0223 W05357 TOP FL470 MOV W 10KT INTSF=

Tropical Cyclone SIGMETs:
No Wx data available

Volcanic Ash SIGMETs:
No Wx data available

Destination:

SBGR/GRU GUARULHOS-GOV ANDRE FRANCO MON
 SA 012000Z 14006KT 7000 FEW015 SCT070 22/18 Q1016
 FT 011630 0118/0224 25005KT 9999 BKN030 FEW045TCU TX25/0118Z
 TN19/0209Z
 PROB40 0118/0121 5000 TSRA BR FEW008 BKN030 FEW040CB
 BECMG 0121/0123 08004KT BKN011
 PROB30 0209/0211 4000 BR
 BECMG 0211/0213 BKN020
 BECMG 0213/0215 36008KT
 PROB40 0215/0219 7000 SHRA BKN025 FEW040TCU
 PROB40 0221/0224 30010KT 3500 TSRA SCT030 FEW040CB
 RMK PGE

Destination Alternates:

SBKP/VCP VIRACOPOS INTL
 SA 012015Z 20007KT 9999 SCT040 FEW045TCU BKN100 28/17
 Q1014 RETS
 FT 011930 0120/0218 27007KT 9999 TSRA SCT040 FEW045CB TX28/0120Z
 TN20/0209Z
 BECMG 0120/0122 20007KT NSW SCT035
 BECMG 0122/0124 07005KT
 BECMG 0201/0203 NSW NSC
 BECMG 0209/0211 02012KT SCT025 FEW035TCU
 PROB40 0217/0218 6000 TSRA BKN020 FEW050CB
 RMK PGE

Departure:



KPHL/PHL PHILADELPHIA INTL
SA 011954Z 30014G23KT 10SM SCT060 BKN250 17/01 A2999 RMK AO2
RAB26E36 SLP156 P0000 T01720006 \$
FT 011952 0120/0224 30015G25KT P6SM SCT050 BKN250
FM012200 30008KT P6SM SCT050 BKN250
FM020800 VRB03KT P6SM SCT250
FM021700 26005KT P6SM SCT250

AIRPORTLIST ENDED



[Notam]

LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION
VALID: 2511012155 - 2511021022 STD(EOBT)+TRIP+ALTN+3HRS
TCC 221C /01NOV OFP-NR: 1/0/1
ROUTE: KPHL - SBGR ALTN: SBKP
N0487F350 DCT KINER/M083F350 L461 BOVIC DCT PIREX L462
DAWIN/N0490F350 L462 LAMKN/N0490F360 UL462 ANU/N0495F350 UA312
DALGA/N0488F370 UA312 TONOM UL452 VUMON/N0482F390 UL452
ILKUS/N0485F380 UZ38 VUNOX SANPALA

DEPARTURE AIRPORT - DETAILED INFO

KPHL/PHL PHILADELPHIA INTL

AIRPORT

- 11/003 VALID: 01-NOV-25 1903 - 01-NOV-25 2300
SVC TFC MANAGEMENT PROGRAM ALERT SEE ATCSCC MSG
A3644/25 VALID: 01-NOV-25 1753 - 30-APR-26 1300
PHL TWY N CL LGT AT TWY S U/S
10/229 VALID: 31-OCT-25 0321 - 30-NOV-25 1000
TWY SS3 HLDG PSN SIGN FOR RWY 09R/27L LGT U/S
10/190 VALID: 27-OCT-25 0247 - 31-DEC-25 1000
TWY S7 HLDG PSN SIGN NORTHEAST SIDE FOR RWY
09R/27L LGT U/S
10/189 VALID: 27-OCT-25 0242 - 31-DEC-25 1000
RWY 35 RWY EXIT SIGN AT TWY E2 SW SIDE LGT U/S
10/188 VALID: 27-OCT-25 0240 - 31-DEC-25 1000
RWY 09R RWY EXIT SIGN AT TWY S8 NW SIDE LGT U/S
10/165 VALID: 22-OCT-25 1136 - 31-DEC-25 1100
TWY S13 HLDG PSN SIGN FOR APCH END RWY 09R LGT U/S
10/160 VALID: 22-OCT-25 0134 - 31-DEC-25 1000
RWY 35 RWY EXIT SIGN AT TWY S SE SIDE LGT U/S
A3550/25 VALID: 21-OCT-25 0818 - 19-JAN-26 1100
PHL TWY E EDGE LGT BTN TWY E1 AND TWY B NOT STD
10/147 VALID: 20-OCT-25 0141 - 31-DEC-25 1100
RWY 09L RWY EXIT SIGN AT TWY K1 LGT U/S
10/145 VALID: 19-OCT-25 0223 - 30-NOV-25 2200
TWY S9 HLDG PSN SIGN FOR RWY 09R/27L LGT U/S
A3522/25 VALID: 16-OCT-25 1930 - 30-NOV-25 1100
PHL TWY E3 BTN RWY 17/35 AND TWY E CLSD
A3521/25 VALID: 16-OCT-25 1929 - 30-NOV-25 1100
PHL TWY B BTN TWY E AND TWY J CLSD
A3520/25 VALID: 16-OCT-25 1927 - 30-NOV-25 1100
PHL TWY E BTN TWY E2 AND TWY G CLSD
10/128 VALID: 16-OCT-25 1510 - 21-NOV-25 1600
TWY E CL LGT BTN TWY G AND TWY E4 NOT STD
10/124 VALID: 16-OCT-25 0328 - 30-NOV-25 1000
TWY S3 HLDG PSN SIGN FOR RWY 09R/27L LGT U/S
10/105 VALID: 14-OCT-25 0225 - 31-DEC-25 1100
TWY W HLDG PSN SIGN NORTHEAST SIDE FOR APCH END
RWY 09L LGT U/S
10/023 VALID: 06-OCT-25 0328 - 31-DEC-25 2300
TWY D HLDG PSN SIGN SOUTHWEST SIDE FOR APCH END
RWY 08 LGT U/S
A3385/25 VALID: 06-OCT-25 0327 - 31-DEC-25 0300
PHL TWY Z HLDG PSN SIGN FOR RWY 09R/27L LGT U/S
A3327/25 VALID: 30-SEP-25 0203 - 07-NOV-25 1600



PHL TWY T BTN RWY 09L/27R AND TWY P CLSD
A3326/25 VALID: 30-SEP-25 0201 - 07-NOV-25 1600
PHL TWY U BTN TWY P AND TWY S CLSD
09/237 VALID: 30-SEP-25 0200 - 07-NOV-25 1500
TWY P BTN TWY W AND TWY N CLSD
A3307/25 VALID: 29-SEP-25 0053 - 31-DEC-25 1000
PHL TWY K CL LGT BTN TWY N AND TWY T U/S
A3228/25 VALID: 22-SEP-25 2228 - 31-DEC-25 1000
PHL APRON HLDG PAD FOR RWY 09R CLSD
09/152 VALID: 22-SEP-25 2217 - 31-DEC-25 1000
TWY Z TWY DIRECTIONAL SIGN FOR APN DEICING SPOT 1
MISSING
A3227/25 VALID: 22-SEP-25 2204 - 31-DEC-25 1000
PHL TWY J CL LGT BTN TWY K3 AND TWY R U/S
A3226/25 VALID: 22-SEP-25 2156 - 31-DEC-25 1000
PHL TWY J CL LGT BTN TWY F AND TWY E5 U/S
A3224/25 VALID: 22-SEP-25 2153 - 31-DEC-25 1000
PHL TWY J CL LGT BTN TWY R AND TWY Y U/S
09/148 VALID: 22-SEP-25 2144 - 31-DEC-25 1000
TWY K4 RWY APCH BDRY SIGN FOR RWY 09L/27R NOT STD
09/147 VALID: 22-SEP-25 2140 - 31-DEC-25 1000
TWY Y LOCATION SIGN BTN TWY K AND TWY P MISSING
09/146 VALID: 22-SEP-25 2129 - 31-DEC-25 1000
TWY Y TWY DIRECTION SIGN FOR TWY P MISSING
09/145 VALID: 22-SEP-25 2125 - 31-DEC-25 1000
TWY L LOCATION SIGN BTN RWY 09L/27R AND TWY K
MISSING
A3054/25 VALID: 31-AUG-25 2022 - 31-DEC-25 1000
PHL TWY N CL LGT AT TWY J U/S
08/242 VALID: 31-AUG-25 2015 - 31-DEC-25 1000
TWY F LOCATION SIGN BTN RWY 09L/27R AND TWY K NOT
STD
A3052/25 VALID: 31-AUG-25 2008 - 31-DEC-25 1000
PHL TWY S10 CL LGT BTN RWY 09R/27L AND TWY S U/S
08/222 VALID: 27-AUG-25 2101 - 31-DEC-25 1000
RWY 09L TWY DIRECTION SIGN AT TWY D LGT U/S
08/211 VALID: 26-AUG-25 0125 - 31-DEC-25 1000
TWY P HLDG PSN SIGN FOR ILS NORTHWEST SIDE LGT U/S
08/046 VALID: 08-AUG-25 0451 - 31-DEC-25 1100
RWY 09R TWY DIRECTION SIGN AT TWY S5 LGT U/S
A2806/25 VALID: 08-AUG-25 0451 - 31-DEC-25 1100
PHL TWY J CL LGT AT TERMINAL CD ALLEY U/S
A2627/25 VALID: 18-JUL-25 1614 - 16-NOV-25 1000
PHL TWY S4 CLSD
07/005 VALID: 01-JUL-25 0238 - 31-DEC-25 1000
RWY 27R HLDG PSN SIGN AT RWY 17/35 SE SIDE LGT U/S
A0109/25 VALID: 08-JAN-25 1900 - UFN
/CYN/ NAV TACAN AZM U/S
A1562/24 VALID: 03-APR-24 1455 - UFN
/OOD/ NAV TACAN AZM U/S

+++++ RUNWAY +++++

A3395/25 VALID: 07-OCT-25 0102 - 31-DEC-25 1000
PHL TWY S3 ELEVATED RWY GUARD LGT AT RWY 09R/27L U/S
A2805/25 VALID: 08-AUG-25 0452 - 31-DEC-25 1100
PHL RWY 27L PAPI U/S

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

A3528/25 VALID: 17-OCT-25 0227 - 06-NOV-25 2000
PHL NAV ILS RWY 27R LOC U/S
A3320/25 VALID: 02-OCT-25 0901 - UFN



PHL IAP PHILADELPHIA INTL,
PHILADELPHIA, PA.
RNAV (GPS) RWY 17, AMDT 3E...
LNAV/VNAV DA 364/HAT 353 ALL CATS. TEMPORARY CRANE 239FT MSL
4284FT SOUTHWEST OF RWY 17 (2025-AEA-416-NRA).

A2252/25 VALID: 16-JUN-25 1600 - UFN

PHL IAP PHILADELPHIA INTL,
PHILADELPHIA, PA.
RNAV (GPS) Y RWY 9L, AMDT 2...
LNAV/VNAV DA 412/HAT 399 ALL CATS. VISIBILTY ALL CATS RVR 3500.
LNAV MDA 520/HAT 507 ALL CATS. VISIBILITY CAT C/D RVR 5500. VDP
1.42NM TO RW9L. TEMPORARY CRANE 201FT MSL 3813FT NORTHWEST OF RWY
9L (2025-AEA-531-OE).

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DESTINATION AIRPORT - DETAILED INFO
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SBGR/GRU GUARULHOS-GOV ANDRE FRANCO MON

+++++ RUNWAY +++++

J0993/25 VALID: 22-OCT-25 0330 - 05-JAN-26 0759
OCT 22 TIL 30 WED THU 0330-0759 NOV 09 TIL JAN 05 MON SUN
0330-0759

RWY 10R/28L CLSD DUE TO MAINT SER

J0992/25 VALID: 20-OCT-25 0500 - 11-JAN-26 0759
OCT 20 TIL OCT 28 MON TUE 0500-0759 NOV 04 TIL NOV 26 TUE WED THU
FRI SAT 0200-0959 DEC 02 TIL JAN 11 TUE WED THU FRI SAT 0400-0759
RWY 10L/28R CLSD DUE TO MAINT SER

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

SBKP/VCP VIRACOPOS INTL

+++++ AIRPORT +++++

J0929/25 VALID: 06-OCT-25 1000 - 03-JAN-26 2100
DLY 1000-2100
TEMPORARY RESTRICTED AREA (ACROBATIC FLT) SUBJ AUTH/COOR ACADEMIA
APP COORD 223215S/0471354W, 223252S/0471357W, 223254S/0471341W,
223218S/0471334W ACT F) GND G) 5000FT AMSL

J0962/25 VALID: 30-SEP-25 1214 - 27-DEC-25 2156
SEP 30 1214-SS OCT 01 TIL DEC 27 SR-SS
PARAGLIDING (PARAMOTOR) WILL TAKE PLACE WI COORD
224926.6S/0471834.8W, 224719.3S/0472303.9W, 225236.1S/0472039.6W,
224951.9S/0472618.0W (NOVA ODESSA, SP) DNG F) GND G) 3000FT AMSL

J0844/25 VALID: 09-SEP-25 0330 - 04-DEC-25 0730
SEP 09 TIL 13 23 TIL 27 0330-0730 OCT 01 TIL 04 07 TIL 11 14 TIL
18 21 TIL 25 28 TIL 31 0330-0730 NOV 04 TIL 08 18 19 22 25 TIL 28
0330-0730 DEC 02 TIL 04 0330-0730
AD CLSD DUE TO MAINT SER

J0823/25 VALID: 04-SEP-25 0000 - 01-DEC-25 2359
OBST ERECTED (CRANES) LGTD AT COORD:
1) 225643,99S/0470235,81W, ALT BASE 730,00M (2395FT), HGT 82,00M
(269FT) AND ALT OTP 812,00M (2664FT) RADIUS 50M 2)
225645,75S/0470234,48W, ALT BASE 730,00M (2395FT), HGT 82,00M
(269FT) AND ALT OTP 812,00M (2664FT) RADIUS 50M



+++++ STAR +++++

J0803/25 VALID: 30-OCT-25 0000 - 13-NOV-25 0000
TRIGGER NOTAM -
AIRAC AIP SUP A120/25
SUP (E-AIP) 120/25
WEF 30 OCT 25 TIL 19 AUG 26
STAR RNAV VERME 1A - UTLOT 3A RWY 15 TRANSITION GNOME NOT AVBL

=====
EXTENDED AREA AROUND DEPARTURE
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KZDC WASHINGTON FIR/UIR

10/820 VALID: 01-NOV-25 1600 - 03-NOV-25 1059
AIRSPACE R5303A ACT SFC-6999FT
A1618/25 VALID: 01-NOV-25 1300 - 03-NOV-25 0001
ZDC SVC PATUXENT APP OPN
10/696 VALID: 01-NOV-25 1300 - 01-NOV-26 2300
AIRSPACE GLD WI AN AREA DEFINED AS 3NM RADIUS OF
355552N0781441W (7.6NM SE LHZ) SFC-4000FT SAT SUN 1300-2300
10/698 VALID: 01-NOV-25 1300 - 02-NOV-25 2359
AIRSPACE UNMANNED ROCKET WI AN AREA DEFINED AS 3NM
RADIUS OF BAL122027.6 SFC-14000FT DLY 1300-2359
11/016 VALID: 01-NOV-25 1100 - 02-NOV-25 0300
AIRSPACE SEYMOUR JOHNSON ECHO MOA ACT 7000FT UP
TO BUT NOT INCLUDING FL180
A1633/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W110 ACT
F) SFC G) FL230
A1637/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W50C ACT
F) SFC G) FL750
A1636/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W122 ACT
F) SFC G) UNL
A1635/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W50B ACT
F) SFC G) FL750
A1634/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W386 ACT
F) SFC G) UNL
A1642/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W107A ACT
F) SFC G) UNL
A1641/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W72A ACT
F) SFC G) UNL
A1640/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W107C ACT
F) SFC G) UP TO BUT NOT INCLUDING FL180
A1639/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W50A ACT
F) SFC G) FL750
A1638/25 VALID: 01-NOV-25 0000 - 30-NOV-25 2359
ZDC W72B ACT
F) SFC G) UNL
10/626 VALID: 01-NOV-25 0000 - 03-NOV-25 1259
AIRSPACE R6606 ACT SFC-FL230
A1632/25 VALID: 30-OCT-25 0835 - UFN
ZDC 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 43NM RADIUS OF 362730N0784031W. AIRSPACE AFFECTED MAY INCLUDE AVC, CXE, DAN, HNZ, LHZ, TDF, W63, W78.

F) SFC G) 3000FT

A1614/25 VALID: 27-OCT-25 1856 - UFN

ZDC NC..ROUTE ZDC ZTL.
V296 LILLS INT, NC TO HUSTN INT, NC NA.
FAY VOR R-271 UNUSABLE BEYOND 52 NM.

A1609/25 VALID: 25-OCT-25 2258 - UFN

ZDC AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SER BCST (TIS-B), FLT INFO SER BCST (FIS-B) SER MAY NOT BE AVBL WI AN AREA DEFINED AS 92NM RADIUS OF 371829N0741550W. AP AIRSPACE AFFECTED MAY INCLUDE MFV, OXB, SBY, TGY, WAL.
F) SFC G) UNL

A1513/25 VALID: 05-OCT-25 1150 - UFN

ZDC 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 61NM RADIUS OF 400515N0770050W. AP AIRSPACE AFFECTED MAY INCLUDE 8N8, 9D4, BWI, CXY, HGR, RDG, RVL, THV, N68, W35.
F) 1000FT G) 2000FT

10/078 VALID: 03-OCT-25 1402 - UFN

COM BUCKS ELBOW REMOTE COM A/G 263.100 CHANGED TO 379.225

A1430/25 VALID: 28-SEP-25 1830 - UFN

ZDC 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 21NM RADIUS OF 360400N0794551W. AP AIRSPACE AFFECTED MAY INCLUDE BUY, GSO.
F) SFC G) 1999FT.

09/564 VALID: 27-SEP-25 0400 - 19-DEC-25 0359

AIRSPACE R5302B ACT 100FT AGL-14000FT

09/563 VALID: 27-SEP-25 0400 - 19-DEC-25 0359

AIRSPACE R5302C ACT 100FT AGL-3000FT

09/562 VALID: 27-SEP-25 0400 - 19-DEC-25 0359

AIRSPACE R5302A ACT SFC-14000FT

A1400/25 VALID: 23-SEP-25 2003 - UFN

ZDC ROUTE ZDC.
V139 NORFOLK (ORF) VORTAC, VA R-033 TO LNSKY INT, VA MEA 4000 NORTHEASTBOUND.
V139 NORFOLK (ORF) VORTAC, VA R-033 TO LNSKY INT, VA MEA 3000 SOUTHEASTBOUND.

A1399/25 VALID: 23-SEP-25 1957 - UFN

ZDC ROUTE ZDC.
V38 HARCUM (HCM) VORTAC, VA R-107 TO LNSKY INT, VA NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

A1366/25 VALID: 13-SEP-25 1300 - 01-NOV-25 2300

SAT SUN 1300-2300
ZDC SVC PATUXENT APP OPN

A1349/25 VALID: 03-SEP-25 1510 - UFN

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, DC. THIS NOTAM CANCELS FDC 4/1783 TO PROVIDE SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT OPERATIONS (UAS) IN THE WASHINGTON DC METROPOLITAN AREA SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE WASHINGTON DC METROPOLITAN AREA FLIGHT RESTRICTED ZONE (FRZ). ADDITIONALLY, THIS NOTAM SUPPLEMENTS THE DC SFRA, INCLUDING THE DC FRZ FDC NOTAMS WITH SPECIAL SECURITY INSTRUCTIONS, INCLUDING OPERATING REQUIREMENTS, THAT ARE SPECIFIC TO UAS OPERATIONS, INCLUDING OPERATIONS BY



RECREATIONAL OPERATORS, CIVIL (INCLUDING COMMERCIAL), AND PUBLIC OPERATORS, IN THE DC SFRA PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339, 93.341, AND 99.7, AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3).

SECTION I. SPECIAL NOTES ON UAS OPERATIONS IN THE DC SFRA:

A. THE FAA HAS ESTABLISHED THE DC SFRA, INCLUDING THE DC FRZ, PURSUANT TO 49 USC 40103(B)(3). PERSONS OPERATING UAS IN THE DC SFRA WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY 14 CFR SECTIONS END PART 1 OF 9

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, 93.335, 93.337, 93.339, 93.341, AND 99.7, AND THE FOLLOWING UAS-SPECIFIC SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS MAY FACE RESPONSE AND ENFORCEMENT ACTIONS AS DESCRIBED IN 14 CFR 93.333 AND DC SECURITY INSTRUCTIONS, WASHINGTON, DC. THIS NOTAM FLIGHT RESTRICTED ZONE (FRZ) FDC NOTAMS.

B. UAS OPERATIONS ARE PROHIBITED IN THE DC FRZ UNLESS AN AIRSPACE WAIVER IS GRANTED IN ACCORDANCE WITH SECTION V, B. BELOW.

C. UAS OPERATORS WHO DO NOT COMPLY WITH APPLICABLE AIRSPACE RESTRICTIONS ARE WARNED THAT PURSUANT TO 10 U.S.C. SECTION 130I AND 6 U.S.C. SECTION 124N, THE DEPARTMENT OF DEFENSE (DOD), THE DEPARTMENT OF HOMELAND SECURITY (DHS) OR THE DEPARTMENT OF JUSTICE (DOJ) MAY TAKE SECURITY ACTION THAT RESULTS IN THE INTERFERENCE, DISRUPTION, SEIZURE, DAMAGING, OR DESTRUCTION OF UNMANNED AIRCRAFT DEEMED TO POSE A CREDIBLE SAFETY OR SECURITY THREAT TO PROTECTED PERSONNEL, FACILITIES, OR ASSETS.

SECTION II. OPERATING REQUIREMENTS FOR DC SFRA (RECREATIONAL AIRCRAFT UAS OPERATIONS):
END PART 2 OF 9

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, ALL RECREATIONAL AIRCRAFT UAS OPERATIONS ARE PROHIBITED WITHIN THE DC SFRA UNLESS IN COMPLIANCE WITH ALL OF THE REQUIREMENTS LISTED BELOW. REFER TO SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF RECREATIONAL AIRCRAFT OPERATIONS.

A. THE UAS IS REGISTERED AND MARKED AS REQUIRED BY THE FAA. REFER TO INSTRUCTIONS PROVIDED AT [HTTPS://WWW.FAA.GOV/UAS/GETTING_STARTED/REGISTER_DRONE](https://www.faa.gov/uas/getting_started/register_drone).

B. THE UAS WEIGHS LESS THAN 55 LBS, INCLUDING ALL ADDED EQUIPMENT (SUCH AS CAMERAS) ATTACHED TO THE AIRCRAFT.

C. OPERATIONS MUST REMAIN AT OR BELOW 400 FEET ABOVE GROUND LEVEL (AGL) UNLESS ISSUED A SIGNIFICANT GOVERNMENTAL INTEREST (SGI) WAIVER ISSUED BY THE SYSTEM OPERATIONS SUPPORT CENTER (SOSC) 9-ATOR-HQ-SOSC@FAA.GOV

D. OPERATIONS MUST REMAIN WITHIN VISUAL LINE OF SIGHT OF THE OPERATOR AND IN COMPLIANCE WITH THE FOLLOWING:
END PART 3 OF 9

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS, WASHINGTON,
1. OPERATIONS MUST BE CONDUCTED UNDER VISUAL METEOROLOGICAL CONDITIONS (VMC).
2. OPERATIONS MUST NOT BE CONDUCTED DURING NIGHT AS DEFINED IN 14 CFR SECTION 1.1.
3. FLIGHTS UNDER SPECIAL VISUAL FLIGHT RULES (SVFR) ARE NOT AUTHORIZED.
E. OPERATIONS MUST COMPLY WITH ALL RESTRICTIONS AND LIMITATIONS UNDER 49 USC 44809(A), (B), AND (C), EXCEPTION FOR LIMITED RECREATIONAL OPERATIONS OF UNMANNED AIRCRAFT.
F. OPERATIONS MUST NOT INTERFERE WITH AND MUST GIVE WAY TO MANNED AIRCRAFT.



G. RECREATIONAL AIRCRAFT UAS OPERATIONS ARE PROHIBITED IN THE DC FRZ.
END PART 4 OF 9

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS,
WASHINGTON,
SECTION III. OPERATING REQUIREMENTS FOR DC SFRA (CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS):

ALL CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS ARE PROHIBITED WITHIN DC SFRA UNLESS IN COMPLIANCE WITH 14 CFR PART 107 OR THE OPERATOR'S APPLICABLE FAA GRANT OF EXEMPTION PURSUANT TO 49 USC SECTION 44807, AND FAA CERTIFICATE OF AUTHORIZATION OR WAIVER (COA). REFER TO SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS.

SECTION IV. OPERATING REQUIREMENTS FOR DC SFRA (PUBLIC UAS OPERATIONS):

ALL PUBLIC UAS OPERATIONS ARE PROHIBITED WITHIN DC SFRA, UNLESS IN COMPLIANCE WITH THE OPERATOR'S APPLICABLE CERTIFICATE OF AUTHORIZATION (COA) OR WAIVER OR OPERATING UNDER 14 CFR PART 107. REFER TO SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF PUBLIC UAS OPERATIONS.

END PART 5 OF 9

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS,
WASHINGTON,
SECTION V. ADDITIONAL GENERAL OPERATING REQUIREMENTS AND GUIDANCE FOR DC SFRA (ALL TYPES OF UAS OPERATIONS):

A. UAS OPERATIONS IN THE DC SFRA MUST NOT PENETRATE RESTRICTED AREAS, PROHIBITED AREAS, OR TEMPORARY FLIGHT RESTRICTIONS (TFR). RESTRICTED AND PROHIBITED AREAS ARE DEPICTED ON CHARTS AVAILABLE THROUGH THE FAA. REFER TO

WWW.FAA.GOV/AIR_TRAFFIC/FLIGHT_INFO/AERONAV. INFORMATION ON CURRENT TFR'S CAN BE OBTAINED AT [HTTP://TFR.FAA.GOV](http://TFR.FAA.GOV).

B. UAS OPERATIONS IN THE DC SFRA MUST NOT PENETRATE THE DC FRZ. UAS OPERATIONS ARE PROHIBITED IN THE DC FRZ UNLESS SPECIFICALLY AUTHORIZED VIA THE TSA/FAA AIRSPACE WAIVER PROCESS. CERTAIN COMMERCIAL AND PUBLIC UAS OPERATIONS ARE ELIGIBLE TO REQUEST AIRSPACE WAIVERS TO OPERATE IN THE DC FRZ. APPLICATION GUIDELINES CAN BE FOUND AT:

WWW.TSA.GOV/SITES/DEFAULT/FILES/UAS_FRZ_WAIVER_APPLICANTS_TSA_GUIDELINES.PDF

WWW.TSA.GOV/SITES/DEFAULT/FILES/UAS_FRZ_WAIVER_APPLICANTS_TSA_GUIDELINES.PDF

END PART 6 OF 9

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS,
WASHINGTON,
WWW.TSA.GOV/SITES/DEFAULT/FILES/UAS_FRZ_WAIVER_APPLICANTS_TSA_GUIDELINES.PDF

WWW.TSA.GOV/SITES/DEFAULT/FILES/UAS_FRZ_WAIVER_APPLICANTS_TSA_GUIDELINES.PDF

WWW.TSA.GOV/SITES/DEFAULT/FILES/UAS_FRZ_WAIVER_APPLICANTS_TSA_GUIDELINES.PDF

WWW.TSA.GOV/SITES/DEFAULT/FILES/UAS_FRZ_WAIVER_APPLICANTS_TSA_GUIDELINES.PDF

WWW.TSA.GOV/SITES/DEFAULT/FILES/UAS_FRZ_WAIVER_APPLICANTS_TSA_GUIDELINES.PDF

WWW.TSA.GOV/SITES/DEFAULT/FILES/UAS_FRZ_WAIVER_APPLICANTS_TSA_GUIDELINES.PDF

C. UAS OPERATORS SHOULD BE AWARE OF OTHER NOTAMS, WHICH ADDRESS SECURITY SENSITIVE INCIDENTS, EVENTS, OPERATIONS, AND/OR LOCATIONS SUCH AS MILITARY OR OTHER FEDERAL FACILITIES, CERTAIN STADIUMS, POWER PLANTS, ELECTRIC SUBSTATIONS, DAMS, OIL REFINERIES, NATIONAL



PARKS, EMERGENCY, SERVICES AND OTHER INDUSTRIAL COMPLEXES. IN ADDITION TO THE PREVIOUSLY MENTIONED LINK, INFORMATION REGARDING PUBLISHED NOTAMS CAN BE FOUND AT: NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/. D. UAS OPERATIONS MUST NOT INTERFERE WITH AND MUST GIVE WAY TO MANNED AIRCRAFT.

SECTION VI. DEFINITIONS:
END PART 7 OF 9

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS,
WASHINGTON,

A. RECREATIONAL AIRCRAFT UAS: UAS MUST MEET THE REQUIREMENTS PRESCRIBED BY 49 USC 44809, TO QUALIFY AS A RECREATIONAL AIRCRAFT, WHICH IS USED EXCLUSIVELY FOR RECREATIONAL PURPOSES. UAS USED FOR COMMERCIAL ACTIVITY DO NOT QUALIFY AS RECREATIONAL AIRCRAFT.

B. CIVIL, INCLUDING COMMERCIAL UAS: CIVIL UAS OPERATIONS GENERALLY COMPRISE FLIGHTS CONDUCTED BY PRIVATE SECTOR ENTITIES FOR COMMERCIAL PURPOSES. REFER TO 14 CFR PART 107 OR 49 USC SECTION 44807, FOR ADDITIONAL DETAILS ON UAS OPERATIONS THAT ARE ADDRESSED BY SECTION III OF THIS NOTAM.

C. PUBLIC UAS: PUBLIC UAS OPERATIONS GENERALLY INCLUDE GOVERNMENTAL OPERATIONS, INCLUDING DEPARTMENT OF DEFENSE (DOD) AND NATIONAL GUARD (NG) FLIGHTS. REFER TO 49 USC SECTION 40102(A) (41), WHICH PROVIDES THE DEFINITION OF "PUBLIC AIRCRAFT" AND 49 USC SECTION 40125 PROVIDES THE QUALIFICATIONS FOR PUBLIC AIRCRAFT STATUS.

SECTION VII. RESOURCES:
END PART 8 OF 9

ZDC SECURITY SPECIAL SECURITY INSTRUCTIONS,
WASHINGTON,

A. THE CODE OF FEDERAL REGULATIONS CAN BE FOUND AT WWW.ECFR.GOV.

B. ANY UAS OPERATOR WITH QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA NATIONAL CAPITOL REGION COORDINATION CENTER (NCRCC) AT 866-598-9522.

C. FAA INFORMATION TO HELP UAS OPERATORS UNDERSTAND REQUIREMENTS AND RESTRICTIONS, WHICH COULD BE IN EFFECT AT THEIR INTENDED OPERATING LOCATION, IS AVAILABLE AT [HTTPS://WWW.FAA.GOV/UAS/RECREATIONAL_FLIERS/WHERE_CAN_I_FLY/B4UFLY](https://www.faa.gov/uas/recreational_fliers/where_can_i_fly/b4ufly)
/ END PART 9 OF 9

06/636 VALID: 23-JUN-25 0957 - 31-DEC-25 2209
AIRSPACE PJE WI AN AREA DEFINED AS 2NM RADIUS OF
360506N0782216W (00NC) SFC-14000FT DLY SR-SS

A0871/25 VALID: 16-JUN-25 2206 - UFN
ZDC NC..ROUTE ZDC.
V103 ELKINS (EKN) VORTAC, WV TO CLARKSBURG (CKB) VOR/DME, WV MOCA
5000.

A0784/25 VALID: 02-JUN-25 1947 - 28-FEB-26 2359
ZDC COM CPDLC ROUTE MESSAGING NOT AVBL

A0714/25 VALID: 31-MAY-25 0000 - 01-JUN-26 0400
ZDC VA..AIRSPACE STAFFORD, VA..LASER LGT RESEARCH WI AN
AREA DEFINED AS .50NM RADIUS OF 382954N0772214W (BRV004009.8) SFC-
FL430. NAVAL REASEARCH LABORATORY. THE SYSTEM IS INTERMITTENT,
WITH POSSIBLE OPS 24HRS A DAY, 7 DAYS A WEEK. THE LASER BEAM MAY
BE INJURIOUS TO PILOTS/AIRCROWS AND PASSENGERS EYES FOR A DISTANCE
FM SFC-FL430. HOWEVER, THIS SYSTEM USES AIR SEARCH RADAR UNIT AND
ADS-B TO ENSURE THE LASER IS SHUTDOWN IN THE EVENT AN ACFT
APPROACHES THE AREA OTHER VISUAL EFFECTS, E.G.,
FLASHBLINDNESS, AFTER IMAGE, GLARE, AND DISTRACTION MAY OCCUR AT
GREATER DISTANCES. THE POTOMAC /PCT/ TRACON TELEPHONE 540-349-7575
IS THE FAA COORDINATION FACILITY.
F) SFC G) FL430

A0588/25 VALID: 24-APR-25 2034 - UFN
ZDC NC..ROUTE ZDC ZTL.



V454 GIZMO, NC TO LIBERTY (LIB) VORTAC, NC MEA 3100.
A0587/25 VALID: 24-APR-25 2031 - UFN
ZDC NJ..ROUTE ZDC.
V166 DUPONT (DQO) VORTAC, DE TO WOODSTOWN (OOD) VORTAC, NJ MEA
2100.
V469 DUPONT (DQO) VORTAC, DE TO WOODSTOWN (OOD) VORTAC, NJ MEA
2100.
A0501/25 VALID: 04-APR-25 1743 - UFN
ZDC VA..ROUTE ZDC.
V286 CAPE CHARLES (CCV) VORTAC, VA R-323 TO TAPPA INT, VA DME
REQUIRED.
RIC VORTAC R-048 UNUSABLE.
A0354/25 VALID: 03-MAR-25 1624 - UFN
ZDC NC..ROUTE ZDC.
V157, V54 FAYETTEVILLE (FAY) VOR/DME, NC TO KINSTON (ISO) VORTAC,
NC NA . ISO R-256 UNUSABLE.
A0247/25 VALID: 18-FEB-25 1920 - UFN
ZDC ROUTE ZDC ZNY.
V210 SPERY, PA TO YARDLEY (ARD) VOR/DME, PA DISREGARD MOCA. MEA
3500.
02/040 VALID: 04-FEB-25 0214 - 31-DEC-25 2359
AIRSPACE UAS WI AN AREA DEFINED AS RADIUS OF
392116N0771018W (6NM N W50) TO 391418N0770251W (5.6NM E W50) TO
390756N0765328W (6.7NM NE FME) TO 390653N0765419W (6.7NM WNW FME)
TO 385935N0765932W (3NM W CGS) TO 385904N0765852W (2NM E CGS) TO
385758N0770012W (3NM SW CGS) TO 385944N0770231W (6NM W CGS) TO
385604N0770715W (5.4NM W CGS) TO 385831N0771414W (11NM E IAD) TO
390011N0771533W (10.3NM ENE IAD) TO 390122N0771447W (11NM ENE IAD)
TO 390206N0771645W (14NM W W50) TO 390433N0772748W (7NM N IAD) TO
390718N0773122W (10NM NNE IAD) TO 390851N0773144W (11NM NNE IAD)
TO 391052N0773038W (13NM N IAD) TO 391315N0772733W (6NM W W50) TO
POINT OF ORIGIN SFC-400FT AGL
01/775 VALID: 31-JAN-25 1302 - 28-FEB-27 2359
AIRSPACE UAS WI AN AREA DEFINED AS 1.1NM RADIUS OF
ILM068025 (6NM NE N21) SFC-1200FT AGL
A1929/24 VALID: 27-SEP-24 1354 - UFN
ZDC ROUTE ZDC.
V252 ROBBINSVILLE (RBV) VORTAC, NJ TO DUPONT (DQO) VORTAC, DE MEA
2200.
A1917/24 VALID: 26-SEP-24 1451 - UFN
ZDC MD..ROUTE ZDC.
V123, V170, V268 SWANN INT, MD DISREGARD EMI R-129.
EMI VORTAC R-129 UNUSABLE.
A1916/24 VALID: 26-SEP-24 1451 - UFN
ZDC MD..ROUTE ZDC.
V379 SMYRNA (ENO) VORTAC, DE R-251 TO DEALE, MD DME REQUIRED
EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
EMI VORTAC R-161 UNUSABLE.
A1763/24 VALID: 03-SEP-24 2030 - UFN
ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.
THIS NOTAM REFERENCES THE WASHINGTON DC SPECIAL FLIGHT RULES AREA
(SFRA). IN ADDITION TO SPECIAL SECURITY INSTRUCTIONS FOR AIRCRAFT
OPERATIONS IN THE DC SFRA THAT ARE IN EFFECT PURSUANT TO 14 CODE
OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339,
93.341, 93.343, 93.345, AND 99.7, AND 49 UNITED STATES CODE (USC)
SECTION 40103(B)(3) THE FOLLOWING RESTRICTIONS APPLY:
A. ALL VFR AIRCRAFT OPERATIONS FROM THE SURFACE UP TO BUT NOT
INCLUDING FL180, MUST COMPLY WITH THE FOLLOWING DC SFRA SPEED
RESTRICTIONS, EXCLUDING FAA-APPROVED DOD, DHS, LAW ENFORCEMENT,
AND WAIVERED MEDEVAC/AIR AMBULANCE FLIGHTS:
B. WITHIN 30NM OF 385134N0770211W OR THE WASHINGTON DCA VOR/DME
AIRCRAFT MUST MAINTAIN AN INDICATED AIRSPEED OF 180 KNOTS OR LESS.
IF UNABLE, THE PILOT MUST CONTACT THE APPROPRIATE ATC FACILITY AND



ADVISE THEM OF THE AIRCRAFTS OPERATIONAL LIMITATIONS;
C. BETWEEN 30NM RADIUS AND 60NM RADIUS OF 385134N0770211W OR THE WASHINGTON DCA VOR/DME, AIRCRAFT MUST MAINTAIN AN AIRSPEED OF 230 KNOTS OR LESS. IF UNABLE, THE PILOT MUST CONTACT THE APPROPRIATE ATC FACILITY AND ADVISE THEM OF THE AIRCRAFTS OPERATIONAL LIMITATIONS PRIOR TO FLYING WITHIN 60NM RADIUS OF THE WASHINGTON DCA VOR/DME; END PART 1 OF 2

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.
THIS NOTAM

D. SPECIAL AWARENESS TRAINING FOR THE WASHINGTON DC METROPOLITAN AREA IS MANDATORY FOR ALL PILOTS THAT FLY UNDER VFR WITHIN 60NM OF THE DCA VOR/DME (14 CFR PARTS 61 AND 91, EFFECTIVE FEBRUARY 9, 2009).

THIS TRAINING IS AVAILABLE IN THE AVIATION LEARNING CENTER AT WWW.FAASAFETY.GOV. IT IS STRONGLY RECOMMENDED THAT ALL PILOTS FLYING UNDER VISUAL FLIGHT RULES (VFR) WITHIN 100NM OF THE DCA VOR/DME ALSO COMPLETE THIS TRAINING.

END PART 2 OF 2

A1764/24 VALID: 03-SEP-24 2030 - UFN

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.
THIS NOTAM

REFERENCES THE WASHINGTON DC SPECIAL FLIGHT RULES AREA (SFRA) ONLY AND EXCLUDES THE WASHINGTON DC AREA SPEED RESTRICTIONS THAT ARE NOW LOCATED IN A SEPARATE NOTAM. THIS NOTAM CANCELS FDC 4/1734. A SEPARATE NOTAM REFERENCES THE WASHINGTON DC FLIGHT RESTRICTED ZONE (FRZ) PROCEDURES AND OPERATIONS BY UNMANNED AIRCRAFT SYSTEMS (UAS), INCLUDING MODEL AIRCRAFT (HOBBYIST OR RECREATIONAL UAS ONLY), CIVIL AND COMMERCIAL OPERATIONS, AND PUBLIC OPERATIONS WITHIN THE SFRA. SPECIAL SECURITY INSTRUCTIONS FOR AIRCRAFT OPERATIONS IN THE DC SFRA ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, 93.345, AND 99.7, AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3). THIS NOTAM AND THREE RELATED NOTAMS REGARDING THE: DC FLIGHT RESTRICTED ZONE (FRZ); LEESBURG MANEUVERING AREA (LMA); AND UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS IN THE DC SFRA, CLARIFY AND SUPPLEMENT THE OPERATING REQUIREMENTS PRESCRIBED BY THE CITED 14 CFR SECTIONS.

SECTION I. RESPONSE AND ENFORCEMENT: PURSUANT TO 49 USC 40103(B)(3), THE FAA HAS ESTABLISHED THE DC SFRA AS 'NATIONAL DEFENSE AIRSPACE'. PERSONS WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY THE CITED 14 CFR SECTIONS AND THIS NOTAM MAY FACE THE FOLLOWING RESPONSE AND END PART 1 OF 9

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.
THIS NOTAM

WASHINGTON, DC. ENFORCEMENT ACTIONS:

A. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL.

B. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY FACE FAA ADMINISTRATIVE ENFORCEMENT ACTIONS, INCLUDING IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES.

C. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CRIMINAL PENALTIES UNDER 49 USC SECTION 46307.

D. THE U.S. GOVERNMENT MAY USE DEADLY FORCE AGAINST AN AIRCRAFT OPERATING IN THE DC SFRA, INCLUDING THE DC FRZ, IF IT IS DETERMINED THAT THE AIRCRAFT POSES AN IMMINENT SECURITY THREAT.

E. A VISUAL WARNING SIGNAL (VWS) FOR COMMUNICATING WITH VFR AIRCRAFT, INCLUDING DOD, LAW ENFORCEMENT, AND AEROMEDICAL



OPERATIONS, IS DEPLOYED AND IS OPERATING WITHIN THE WASHINGTON DC SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE FLIGHT RESTRICTED END PART 2 OF 9

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.
THIS NOTAM

ZONE (FRZ). THE SIGNAL CONSISTS OF HIGHLY FOCUSED RED AND GREEN COLORED LIGHTS IN AN ALTERNATING RED/RED/GREEN SIGNAL PATTERN. THE BEAM IS NOT INJURIOUS TO THE EYES OF PILOTS/AIRCREWS OR PASSENGERS, REGARDLESS OF ALTITUDE OR DISTANCE FROM THE SOURCE.

1. THIS SIGNAL MAY BE DIRECTED AT SPECIFIC AIRCRAFT SUSPECTED OF MAKING UNAUTHORIZED ENTRY INTO THE SFRA/FRZ AND ARE ON A HEADING OR FLIGHT PATH THAT MAY BE INTERPRETED AS A THREAT OR AT THE REQUEST OF THE FAA.
2. IF YOU ARE IN COMMUNICATION WITH AIR TRAFFIC CONTROL AND THIS SIGNAL IS DIRECTED AT YOUR AIRCRAFT, IMMEDIATELY COMMUNICATE WITH ATC THAT YOU ARE BEING ILLUMINATED BY A VISUAL WARNING SIGNAL.
3. IF THIS SIGNAL IS DIRECTED AT YOU AND YOU ARE NOT COMMUNICATING WITH ATC, TURN TO A HEADING AWAY FROM THE CENTER OF THE FRZ/SFRA AS SOON AS POSSIBLE AND IMMEDIATELY CONTACT ATC ON AN APPROPRIATE FREQUENCY, OR IF UNSURE OF THE FREQUENCY, CONTACT ATC ON VHF GUARD 121.5 OR UHF GUARD 243.0.

SECTION II. OPERATING REQUIREMENTS: ALL AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN THE DC SFRA UNLESS IN COMPLIANCE WITH 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, AND 93.345, AND THE END PART 3 OF 9

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.
THIS NOTAM

FOLLOWING SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS REQUIRED WASHINGTON, DC. PURSUANT TO 14 CFR SECTION 99.7 AND 49 USC SECTION 40103(B)(3):

- A. APPLICATION OF DEFINITIONS IN 14 CFR SECTION 93.335:
1. A DC SFRA FLIGHT PLAN DOES NOT FULFILL THE REQUIREMENTS FOR VISUAL FLIGHT RULES (VFR).
 2. A DC FRZ FLIGHT PLAN IS REQUIRED FOR VFR OPERATIONS IN THE DC FRZ. PILOTS MAY NOT FILE A DC FRZ FLIGHT PLAN WHILE AIRBORNE
- B. ADDITIONS TO REQUIREMENTS IN 14 CFR SECTION 93.339 - DC SFRA:
1. AIRCRAFT OPERATING IN THE DC SFRA MUST BE EQUIPPED WITH AN OPERABLE TWO WAY RADIO CAPABLE OF COMMUNICATING WITH AIR TRAFFIC CONTROL (ATC) ON APPROPRIATE RADIO FREQUENCIES OR UNICOM. IT IS HIGHLY RECOMMENDED THAT A PILOT CONTINUOUSLY MONITOR VHF FREQUENCY 121.5 OR UHF FREQUENCY 243.0 FOR EMERGENCY INSTRUCTIONS WHEN OPERATING AN AIRCRAFT IN THE DC SFRA, EITHER IN AN AIRCRAFT THAT IS SUITABLY EQUIPPED, OR BY USE OF PORTABLE EQUIPMENT.
 2. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER VFR TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA/FRZ WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT
- END PART 4 OF 9

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.
THIS NOTAM

- WITH AIR TRAFFIC CONTROL (ATC) MUST IMMEDIATELY SQUAWK 7600 AND EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPT WHEN THE WASHINGTON, DC. DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE.
3. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER INSTRUMENT FLIGHT RULES (IFR) TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA/FRZ WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT WITH ATC MUST CONTINUE THE FLIGHT IN COMPLIANCE WITH THE TWO-WAY RADIO COMMUNICATIONS FAILURE PROCEDURES FOUND IN THE FAA AERONAUTICAL INFORMATION MANUAL (AIM)



AND/OR APPLICABLE CODE OF FEDERAL REGULATIONS (CFR).

4. ANY PERSON OPERATING AN AIRCRAFT TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE MUST IMMEDIATELY ADVISE ATC AND COMPLY WITH ALL INSTRUCTIONS FROM ATC. IF UNABLE TO CONTACT ATC, PILOTS MUST EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPT WHEN THE WASHINGTON, DC DEPARTURE POINT IS WITHIN THE SFRA AND THE DEPARTURE END PART 5 OF 9

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.

THIS NOTAM

POINT IS CLOSER THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE.

5. THE PROCEDURES IN SECTION II, SUBSECTION A, B, AND C DO NOT AUTHORIZE PENETRATION OF RESTRICTED AREAS OR PROHIBITED AREAS.

6. AIRCRAFT DEPARTING AIRPORTS WITHIN THE DC SFRA WITH LIMITED TWO-WAY RADIO COMMUNICATIONS MUST ESTABLISH TWO-WAY COMMUNICATIONS AS SOON AS FEASIBLE, NORMALLY WITHIN 2NM OF THE DEPARTURE POINT.

7. PATTERN WORK OPERATIONS AT UN-CONTROLLED AIRPORTS WITHIN THE DC SFRA (BUT NOT WITHIN THE DC FRZ) MUST BE CONDUCTED IN ACCORDANCE WITH 14 CFR SECTION 93.339 (C) AND THE PROCEDURES SPECIFIED IN THE MOST CURRENT POTOMAC TRACON LETTER TO AIRMEN (LTA) ON THE SUBJECT. THE LETTER CAN BE FOUND AT:

[HTTPS://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/](https://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/) (SEARCH LOCATION PCT).

(A) ALL PILOTS WHO INTEND TO CONDUCT VFR TRAFFIC PATTERN WORK AT AN AIRPORT WITHIN THE DC SFRA (NOT WITHIN THE DC FRZ) WHICH DOES NOT HAVE AN OPERATING CONTROL TOWER OR WHEN THE CONTROL TOWER IS CLOSED MUST: (1) INCLUDE "PATTERN" IN SFRA FLIGHT PLAN REMARKS.

(2) PRIOR TO DEPARTURE, CONTACT POTOMAC TRACON VIA TELEPHONE NUMBER SPECIFIED IN THE LTA TO OBTAIN TRANSPONDER CODE AND ADVISE TRACON OF INTENT TO END PART 6 OF 9

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.

THIS NOTAM

CONDUCT PATTERN WORK. WASHINGTON, DC. (3) INFORM ATC OF INTENT TO CONDUCT PATTERN WORK PRIOR TO CHANGING TO COMMON TRAFFIC ADVISORY FREQUENCY (CTAF) .

(B) UPON COMPLETION OF PATTERN WORK, PILOTS MUST CONTACT POTOMAC TRACON VIA TELEPHONE NUMBER SPECIFIED IN THE LTA TO ADVISE PATTERN WORK IS COMPLETE.

8. OPERATIONS BY UNMANNED AIRCRAFT SYSTEMS (UAS), INCLUDING MODEL AIRCRAFT (HOBBYIST OR RECREATIONAL USE ONLY), CIVIL AND COMMERCIAL OPERATIONS, AND PUBLIC OPERATIONS, ARE ONLY AUTHORIZED WITHIN THE DC SFRA, EXCLUDING THE DC FRZ, IF IN COMPLIANCE WITH THE SEPARATE FAA NOTAM, WHICH PRESCRIBES UAS-SPECIFIC OPERATING REQUIREMENTS IN THE DC SFRA.

9. ALL TESTING OF ADS-B OUT ON AIRCRAFT OR GROUND VEHICLES IN THE DC SFRA IS PROHIBITED.

SECTION III. RESOURCES:

A. THE CODE OF FEDERAL REGULATIONS CAN BE FOUND AT WWW.ECFR.GOV.

B. ANY PILOT QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA SYSTEM OPERATIONS SECURITY REPRESENTATIVE AT THE NATIONAL CAPITAL REGION COORDINATION CENTER (NCRCC) AT
END PART 7 OF 9

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.

THIS NOTAM

9-ATO-NCRCC@FAA.GOV OR (866) 598-9522.

C. FOR THOSE WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE WASHINGTON, DC. NOTIFICATION TO THE TSA AT THE NCRCC, CALL (866) 598-9520.

D. FOR THOSE WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE



NOTIFICATION TO THE FAA AT THE NCRCC, CALL (866) 598-9522.
 E. THE LATEST POTOMAC TRACON (PCT) LETTER TO AIRMEN CAN BE FOUND AT: [HTTPS://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/](https://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/) (SEARCH LOCATION PCT).
 F. INFORMATION ABOUT FAA/TSA AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT WWW.TSA.GOV/FOR-INDUSTRY/GENERAL-AVIATION OR BY CONTACTING TSA AT (571) 227-2071.
 G. SPECIAL AWARENESS TRAINING FOR THE WASHINGTON DC METROPOLITAN AREA IS MANDATORY FOR ALL PILOTS THAT FLY UNDER VFR WITHIN 60NM OF THE DCA VOR/DME (14 CFR PARTS 61 AND 91, EFFECTIVE FEBRUARY 9, 2009). THIS TRAINING IS AVAILABLE IN THE AVIATION LEARNING CENTER AT WWW.FAASAFETY.GOV. IT IS STRONGLY RECOMMENDED THAT ALL PILOTS FLYING UNDER VISUAL FLIGHT RULES (VFR) WITHIN 100NM OF THE DCA VOR/DME ALSO COMPLETE THIS TRAINING.
 END PART 8 OF 9

ZDC SECURITY INSTRUCTIONS, WASHINGTON, DC.
 THIS NOTAM

H. INDIVIDUALS MAY SUBMIT A REQUEST FOR AN FAA WAIVER AT WAIVERS.FAA.GOV. AFTER NORMAL BUSINESS HOURS, FOR EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA AT THE NCRCC AT (866) 598-9520. WASHINGTON, DC.
 I. THE TRANSPONDER REQUIREMENTS DESCRIBED IN THIS NOTAM ARE ESTABLISHED SOLELY FOR SECURITY TRACKING PURPOSES AND DO NOT IMPLY THE PROVISION OF ATC RADAR SERVICES, UNLESS ATC SERVICES ARE REQUESTED AND APPROVED.
 J. THE COMMUNICATIONS REQUIREMENTS DESCRIBED IN THIS NOTAM ARE ESTABLISHED TO MAINTAIN THE ABILITY TO IMMEDIATELY COMMUNICATE SECURITY-BASED INSTRUCTIONS, NOT NECESSARILY FOR ATC SERVICES, UNLESS ATC SERVICES ARE REQUESTED AND APPROVED.
 END PART 9 OF 9

- A0289/24 VALID: 05-FEB-24 1437 - UFN
 ZDC MD..ROUTE ZDC ZNY.
 J211 WESTMINSTER (EMI) VORTAC, MD R-300 TO BUSTR, PA NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 EMI VORTAC R-300 UNUSABLE.
- A0288/24 VALID: 05-FEB-24 1437 - UFN
 ZDC MD..ROUTE ZDC ZNY.
 V268 WESTMINSTER (EMI) VORTAC, MD R-151 TO BALTIMORE (BAL) VORTAC, MD R-334 USE BAL VOR R-334.
 EMI VORTAC R-151 UNUSABLE.
- A1506/23 VALID: 14-DEC-23 1726 - UFN
 ZDC DE..ROUTE ZDC.
 V29 DUPONT (DQO) VORTAC, DE R-181 TO SMYRNA (ENO) VORTAC, DE RESTRICTION CANCELLED DUPONT R-181 UNUSABLE BELOW 10000 USE SYMRNA R-360.
 DQO VORTAC RESTRICTION REMOVED.
- A1445/23 VALID: 07-DEC-23 1445 - UFN
 ZDC NC..ROUTE ZDC.
 V128 SWIFT INT, WV TO BITES, WV MEA 7000.
 HVQ VOR/DME UNUSABLE BELOW 7000 AT BITES.
- A0815/24 VALID: 11-FEB-23 0000 - 31-DEC-25 2359
 ZDC MD..AIRSPACE LAUREL, MD..LASER LGT RESEARCH WI AN AREA DEFINED AS 390114N0764940W (BAL230012) SFC-FL600 AGL. NASA/GODDARD SPACE CENTER GEOPHYSICAL AND ASTRONOMICAL OBSERVATORY. THE SYSTEM IS INTERMITTENT, WITH POSSIBLE OPS OCCURRING 24HRS A DAY, 7 DAYS A WEEK. THE LASER BEAM MAY BE INJURIOUS TO PILOTS/AIRCROWS AND PASSENGERS EYES FOR A DISTANCE FM SFC-FL600 AGL. HOWEVER, THIS SYSTEM USES A LASER HAZARD REDUCTION RADAR SYSTEM THAT IS SLAVED TO THE TELESCOPE MOUNT, TO ENSURE THE LASER IS DEACTIVATED IN THE EVENT AN ACFT APPROACHES. THE AREA WILL ALSO BE MONITORED BY OBSERVERS AND THE LASER BEAM WILL BE TERMINATED IF



NONPARTICIPATING ACFT ARE DETECTED. LASER IRRADIANCE LEVELS WILL NOT EXCEED THE MAXIMUM PERMISSIBLE EXPOSURE LEVELS WI THE LASER FREE, CRITICAL, AND SENSITIVE ZONES. OTHER VISUAL EFFECTS, E.G., FLASHBLINDNESS, AFTER IMAGE, GLARE, AND DISTRACTION MAY OCCUR AT GREATER DISTANCES. THE POTOMAC (PCT) TRACON TELEPHONE 540-349-7541 IS THE FAA COORDINATION FACILITY. 2302110000-2512312359
F) SFC G) FL600

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EXTENDED AREA AROUND DESTINATION
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SBBS BRASILIA FIR/UIR

J1028/25 VALID: 30-OCT-25 2015 - 27-JAN-26 0400
OCT 30/31 2015-0400 OCT 31/NOV 01 TIL JAN 26/27 1000-0400
PJE WILL TAKE PLACE SUBJ COOR ANAPOLIS APP COORD CENTER
162715S/0490601W (ZL SANTA BRANCA) RADIUS 3500M RESTRICTED F) GND
G) FL250

J0927/25 VALID: 30-OCT-25 0000 - 13-NOV-25 0000
TRIGGER NOTAM -
SIGNIFICANT MODIFICATIONS AIC AERONAUTICAL INFORMATION PUBLICATION
A22/25 WEF 30OCT25A1; SIGNIFICANT MODIFICATIONS PERM AIRAC AIP
AMDT 2511A2 AND 2511A1 WEF 30OCT25; SIGNIFICANT MODIFICATIONS IN
AIP AND IN CHARTS

J0989/25 VALID: 25-OCT-25 1000 - 10-DEC-25 0400
OCT 25/26 TIL DEC 09/10 1000-0400
PJE SUBJ AUTH/COOR ANAPOLIS APP WILL TAKE PLACE CENTER COORD
164837S0492906W RADIUS 20KM RESTRICTED F) GND G) FL250

J0976/25 VALID: 19-OCT-25 0000 - 17-JAN-26 0000
NDB MCL FREQ 310KHZ U/S

J0980/25 VALID: 14-OCT-25 1200 - 06-NOV-25 2300
OCT 14 15 1200-1500 16 1700-2000 NOV 03 TIL 06 1100-2300
SBR 622 (FORMOSA ALTA) ACT
F) SFC G) UNL

J0981/25 VALID: 14-OCT-25 1200 - 06-NOV-25 2300
OCT 14 15 1200-1500 16 1700-2000 NOV 03 TIL 06 1100-2300
RNAV RTE UL776 SEGMENT REP MOLTI/PULUV CLSD. ACFT MUST REP MOLTI
DCT MUDBI DCT REP PULUV F) FL245 G) UNL

J0955/25 VALID: 29-SEP-25 1708 - 26-NOV-25 2359
SUP AIP (E-AIP) 048/25 CNL

J0873/25 VALID: 15-SEP-25 2112 - 05-DEC-25 0400
SEP 15/16 2112-0400 SEP 16/17 TIL DEC 04/05 1000-0400
PJE SUBJ AUTH/COOR APP ANAPOLIS WILL TAKE PLACE COORD CENTER
164209.86S/0495003.26W RADIUS 20KM RESTRICTED (COOR SBR607 SBD
638) F) SFC G) FL250

J0782/25 VALID: 14-AUG-25 1745 - UFN
A/G FAC BRASILIA FIR SECT 02L AND 02U FREQ 127.300MHZ WITHDRAWN.
REF: AIP ENR 6 ENRC L2/H2, H5/L5

J0192/25 VALID: 17-APR-25 0000 - UFN
VOR/DME VCP (VIRACOPOS) FREQ 113.300MHZ CH80X ELEV
658.8040M/2161.4304FT COORD 230031.1116S/0470746.6495W H24 INSTL
REF: AIP ENR 4.1; ENR 6 ENRC L5, H5, ARC RIO/SAO PAULO, ARC
ACADEMIA

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EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)
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SBBS BRASILIA FIR/UIR



Please see section EXTENDED AREA AROUND DESTINATION

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AREA ENROUTE DEPARTURE - DESTINATION
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KZNY NEW YORK FIR/UIR

- A0507/25 VALID: 30-OCT-25 1337 - UFN
ZNY PA..ROUTE ZNY.
J220 MICAH, PA TO COP NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS. AML VDME R-009 UNUSABLE BEYOND 74 NM.
- A0504/25 VALID: 28-OCT-25 2033 - UFN
ZNY NY..ROUTE ZNY.
V29 SCOFF, PA TO BINGHAMTON (CFB) VOR/DME, NY MEA 3800.
- A0495/25 VALID: 25-OCT-25 2258 - UFN
ZNY AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SER BCST (TIS-B), FLT INFO SER
BCST (FIS-B) SER MAY NOT BE AVBL WI AN AREA DEFINED AS 92NM RADIUS
OF 371829N0741550W. AP AIRSPACE AFFECTED MAY INCLUDE MFV, OXB,
SBY, TGY, WAL.
F) SFC G) UNL
- A0493/25 VALID: 25-OCT-25 1627 - UFN
ZNY 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 120NM RADIUS OF 405946N0675623W. AP AIRSPACE AFFECTED MAY
INCLUDE ACK, CQX, HYA.
F) 1000FT G) UNL
- A0484/25 VALID: 18-OCT-25 0530 - UFN
ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SER BCST (TIS-B), FLT INFO SER BCST
(FIS-B) SER MAY NOT BE AVBL WI AN AREA DEFINED AS 9NM RADIUS OF
395400N0765015W. AP AIRSPACE AFFECTED MAY INCLUDE THV.
F) SFC G) 2000FT
- A0476/25 VALID: 08-OCT-25 1359 - UFN
ZNY ROUTE ZNY ZBW.
V16 KEEP M, NY TO CREAM, NY NA. CCC VOR R-274 AND R-057 UNUSABLE.
- A0471/25 VALID: 05-OCT-25 1150 - UFN
ZNY 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 61NM RADIUS OF 400515N0770050W. AP AIRSPACE AFFECTED MAY
INCLUDE 8N8, 9D4, BWI, CXY, HGR, RDG, RVL, THV, N68, W35.
F) 1000FT G) 2000FT
- A0407/25 VALID: 02-SEP-25 2004 - UFN
ZNY PA..ROUTE ZNY.
V116 STONYFORK (SFK) VOR/DME, PA TO WILKES-BARRE (LVZ) VORTAC, PA
MEA 4900.
- A0389/25 VALID: 22-AUG-25 1130 - UFN
ZNY AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B) SERVICES MAY
NOT BE AVBL WI AN AREA DEFINED AS 30NM RADIUS OF 382935N0705953W.
AP AIRSPACE AFFECTED MAY INCLUDE ISP.
F) SFC G) UNL.
- A0385/25 VALID: 18-AUG-25 1523 - UFN
ZNY PA..ROUTE ZNY.
T221 ALLENTOWN (FJC) VORTAC, PA TO LAAYK, PA GNSS MEA 4700.
- A0308/25 VALID: 10-JUL-25 1413 - UFN
ZNY ROUTE ZNY ZDC.
T287 FLAT ROCK (FAK) VORTAC, VA TO GORDONSVILLE (GVE) VORTAC, VA
MEA 2800.



T287 REEES, PA TO TOMYD, MD MOCA 3800.
 T287 TOMYD, MD TO HAMRR, MD GNSS MEA 2800.
 T287 CAARY, VA MCA 5400 NORTHBOUND.
 T287 DENNN, VA TO CAARY, VA MOCA 4100.
 T287 WILMY, VA TO KAIJE, VA DISREGARD MOCA.
 T287 BAMMY, WV TO REEES, PA DISREGARD MOCA.

A0251/25 VALID: 11-JUN-25 1936 - 10-JUN-26 2359
 ATTENTION ALL FLIGHT OPERATORS: FLIGHTS THAT EXPERIENCE OR SUSPECT
 GNSS INTERFERENCE ENROUTE TO THE NEW YORK OCEANIC ENTRY POINT MUST
 NOTIFY NEW YORK ATC. NOTIFICATION SHOULD BE VIA CPDLC, NY RADIO,
 OR SATCOM, CONFIRMING DEGRADATION OF NAVIGATION STATUS AND DETAILS
 OF ONGOING LOSS/IMPACTS TO THE AIRCRAFT SYSTEMS AND CAPABILITIES.

EXAMPLES OF NOTIFICATION:
 GNSS INTERFERENCE RNP10 ONLY
 NO DATA LINK
 DEGRADED NAVIGATION NO GNSS

IN ADDITION, AIRLINE DISPATCHERS CAN DIRECTLY INFORM THE NEW YORK
 OCEANIC SUPERVISOR TO MAKE THEM AWARE WHEN ONE OF THEIR FLIGHTS
 HAS BEEN IMPACTED BY GNSS INTERFERENCE BY CONTACTING 631-468-1495
 F) SFC G) UNL

A0233/25 VALID: 02-JUN-25 1947 - 28-FEB-26 2359
 ZNY COM CPDLC ROUTE MESSAGING NOT AVBL

A0180/25 VALID: 29-APR-25 1609 - UFN
 ZNY PA..ROUTE ZNY ZOB.
 J110 BELLAIRE (AIR) VOR/DME, OH R-097 TO VINSE, PA MEA 20000
 WESTBOUND EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
 GPS.
 J110 BELLAIRE (AIR) VOR/DME, OH R-097 TO VINSE, PA MEA 26000
 EASTBOUND EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
 GPS.

A0076/25 VALID: 24-FEB-25 1653 - UFN
 ZNY NY..ROUTE ZNY.
 V374 BINGHAMTON (CFB) VOR/DME, NY TO GAYEL, NY GNSS 4700 MOCA
 4700.

A0075/25 VALID: 24-FEB-25 1653 - UFN
 ZNY NY..ROUTE ZNY ZBW.
 V374, V39 VOLLU, NY TO CARMEL (CMK) VOR/DME, NY MEA 6500 EXCEPT
 FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 V39 SPARTA (SAX) VORTAC, NJ TO VOLLU, NY MEA 6500 EXCEPT FOR ACFT
 EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 CMK VOR R-266 UNUSABLE , SAX VTAC R-084 UNUSABLE BELOW 6500.

A0073/25 VALID: 24-FEB-25 1653 - UFN
 ZNY NY..ROUTE ZNY ZBW.
 V188 NYACK, NY TO CARMEL (CMK) VOR/DME, NY NA EXCEPT FOR ACFT
 EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 CMK VOR R-255 UNUSABLE.

A0072/25 VALID: 24-FEB-25 1653 - UFN
 ZNY NY..ROUTE ZNY ZBW.
 V3, V405, V419 FALLZ, NJ TO CARMEL (CMK) VOR/DME, NY NA EXCEPT FOR
 ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 CMK VOR R-255 UNUSABLE.

A0060/25 VALID: 18-FEB-25 1920 - UFN
 ZNY ROUTE ZNY ZDC.
 V210 SPERY, PA TO YARDLEY (ARD) VOR/DME, PA DISREGARD MOCA. MEA
 3500.

A0058/25 VALID: 18-FEB-25 1920 - UFN
 ZNY ROUTE ZNY.
 V210 SPERY, PA MCA 3500 EASTBOUND.

A0054/25 VALID: 18-FEB-25 1905 - UFN
 ZNY PA..ROUTE ZNY.
 V162 EAST TEXAS (ETX) VOR/DME, PA R-260 TO BOBSS INT, PA NA EXCEPT
 FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 ETX VOR R-260 UNUSABLE.



02/235 VALID: 06-FEB-25 1556 - 31-DEC-25 2359
 AIRSPACE UAS WI AN AREA DEFINED AS 3.0NM RADIUS OF
 410800N0740214W (4.5NM SE H43) SFC-400FT AGL

A0251/24 VALID: 22-JUL-24 1858 - UFN
 ZNY NY..ROUTE ZNY ZBW.
 V139, V268 HAMPTON (HTO) VORTAC, NY R-236 TO MANTA INT, NJ NA
 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 HTO VOR R-236 UNUSABLE.

A0168/24 VALID: 30-MAY-24 1916 - UFN
 ZNY PA..ROUTE ZNY.
 V116 GUYED, PA TO LACIE, PA NA EXCEPT FOR ACFT EQUIPPED WITH
 SUITABLE RNAV SYSTEM WITH GPS. SFK VOR/DME R-106 UNUSABLE BEYOND
 40 NM.

A0165/24 VALID: 28-MAY-24 2100 - UFN
 ZNY ROUTE ZNY.
 V423 WILLIAMSPORT (FQM) VOR/DME, PA TO BINGHAMTON (CFB) VOR/DME,
 NY MOCA 4300.

A0043/24 VALID: 05-FEB-24 1437 - UFN
 ZNY MD..ROUTE ZNY ZDC.
 J211 WESTMINSTER (EMI) VORTAC, MD R-300 TO BUSTR, PA NA EXCEPT FOR
 ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 EMI VORTAC R-300 UNUSABLE.

A0042/24 VALID: 05-FEB-24 1437 - UFN
 ZNY MD..ROUTE ZNY ZDC.
 V268 WESTMINSTER (EMI) VORTAC, MD R-151 TO BALTIMORE (BAL) VORTAC,
 MD R-334 USE BAL VOR R-334.
 EMI VORTAC R-151 UNUSABLE.

A0041/24 VALID: 05-FEB-24 1437 - UFN
 ZNY MD..ROUTE ZNY.
 V166 WESTMINSTER (EMI) VORTAC, MD R-088 TO COP NA EXCEPT FOR ACFT
 EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
 EMI VORTAC R-088 UNUSABLE.

A0017/13 VALID: 05-FEB-13 1200 - UFN
 QRACA CHANGE IN NEW YORK CENTER OCEANIC CLEARANCE PROCEDURES
 BEGINNING ON 5 FEBRUARY 2013 AT 1200Z, NEW YORK CENTER WILL MODIFY
 THE PROCEDURES THAT ARE USED TO ISSUE OCEANIC CLEARANCES TO
 EASTBOUND AIRCRAFT ENTERING MINIMUM NAVIGATION PERFORMANCE
 STANDARD (MNPS) AIRSPACE. THESE PROCEDURES ONLY APPLY TO AIRCRAFT
 ENTERING THE NEW YORK CENTER OCEANIC CTA FROM A FAA FACILITY. THE
 PURPOSE OF THIS NOTAM IS TO EXPLAIN THESE CHANGES.
 NORTH ATLANTIC (NAT) DOCUMENT 007, TITLED GUIDANCE CONCERNING AIR
 NAVIGATION IN AND ABOVE THE NORTH ATLANTIC MNPS AIRSPACE IS A
 GUIDANCE DOCUMENT PUBLISHED BY ICAO TO ASSIST USERS IN THE PROPER
 PROCEDURES TO BE USED WHEN OPERATING IN THE NAT. CHAPTER 5 OF
 DOCUMENT 007, TITLED OCEANIC ATC CLEARANCES, IS THE CHAPTER TO
 WHICH THESE CHANGES PERTAIN.
 THERE ARE THREE COMPONENTS TO AN OCEANIC CLEARANCE. THEY ARE
 ROUTE, END PART 1 OF 3

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



THE FLIGHT FROM THE SANTO DOMINGO FIR, THROUGH THE MIAMI FIR AND THEN THE NEW YORK FIR BEFORE ENTERING SANTA MARIA. THE AIRPORT CLEARANCE END PART 2 OF 3

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

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

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

F) FL055 G) UNL
END PART 3 OF 3

A0580/11 VALID: 28-SEP-11 1148 - UFN
QXXXX WHENEVER AN EASTBOUND NORTH ATLANTIC TRACK IS PUBLISHED THAT ORIGINATES AT JAROM OR TALGO, AIRCRAFT TRANSITIONING THE NEW YORK OCEANIC CTA AND PLANNING TO JOIN THE JAROM/TALGO TRACK MUST FILE A ROUTE FROM A POINT 42N OR SOUTH DIRECT TO 44N050W. FOR EXAMPLE, NORTH ATLANTIC TRACK (NAT) X-RAY IS PUBLISHED VIA JAROM TALGO 44N050W 46N040W 48N030W 50N020W SOMAX ATSUR. THE FOLLOWING ROUTES WOULD BE FILED TO JOIN NATX:
1. AN AIRCRAFT WISHES TO JOIN NATX FROM M201. THE CORRECT ROUTE TO FILE IN THE NEW YORK CTA IS M201 DRYED 41N060W 44N050W NATX.
2. AN AIRCRAFT WISHES TO JOIN NATX FROM M202. THE CORRECT ROUTE TO FILE IN THE NEW YORK CTA IS M202 MUNY 41N060W 44N050W NATX.
3. AN AIRCRAFT WISHES TO JOIN NATX FROM M203. THE CORRECT ROUTE TO FILE IN THE NEW YORK CTA IS M203 SELIM 40N060W 44N050W NATX.

A0346/11 VALID: 30-JUN-11 0400 - UFN
QXXXX THREE WAYPOINTS NAMED JISEL, EXXES AND CEETE HAVE BEEN ESTABLISHED IN WARNING AREA 107. THEY ARE PUBLISHED, BUT NOT CHARTED, AND EXIST IN AIRCRAFT S FLIGHT MANAGEMENT SYSTEMS. DUE TO THE FACT THAT WARNING AREA AIRSPACE IS NOT ALWAYS AVAILABLE FOR AIR TRAFFIC CONTROL USE, ROUTING OVER JISEL, EXXES OR CEETE MAY NOT BE FLIGHT PLANNED BY PILOTS OR OPERATORS. FOR ADDITIONAL INFORMATION REGARDING THESE WAYPOINTS, CONTACT CHRIS WINKELEER AT 631-468-1018 OR VIA E-MAIL AT CHRIS.WINKELEER@FAA.GOV. THIS NOTAM REPLACES NOTAM A0791/10
F) SFC G) UNL

A0258/10 VALID: 12-MAR-10 1253 - UFN
QXXXX THIS NOTAM REVISES NOTAM A0379/09. NO PROCEDURAL CHANGES HAVE BEEN MADE. IT HAS BEEN EDITED FOR BREVITY.
WESTBOUND OCEANIC FLIGHT CLEARANCE PROCEDURES.
DUE TO REGIONAL AIR TRAFFIC CONTROL AUTOMATION SYSTEM COMPATIBLY PROBLEMS THE FOLLOWING MODIFICATION WERE MADE TO WESTBOUND OCEANIC FLIGHT CLEARANCE AND RECLEARANCE PROCEDURES IN THE NORTH ATLANTIC REGION ON MAY 11, 2009. THESE PROCEDURES ARE ONLY APPLIED WITHIN THE SHANWICK, GANDER, AND NEW YORK AREA CONTROL CENTERS AND CONTINUE IN FORCE AS FOLLOWS:
AIRCRAFT THAT WILL PROCEED SOUTH OF LATITUDE 39 NORTH AND WEST OF LONGITUDE 67 WEST WILL BE CLEARED TO THE FIRST NAMED FIX IN THE NEW YORK OCA THAT IS SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN, FOLLOWED BY THE PHRASEOLOGY - VIA FLIGHT PLANNED ROUTE TO DESTINATION.
AIRCRAFT THAT WILL PROCEED SOUTH OF LATITUDE 20 NORTH AND EAST OF LONGITUDE 60 WEST WILL BE CLEARED TO THE LAST SET OF COORDINATES SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN PRIOR TO LATITUDE



20 NORTH FOLLOWED BY THE PHRASEOLOGY - VIA FLIGHT PLANNED ROUTE TO DESTINATION.

END PART 1 OF 2

A0258/10 NOTAMN A) KZNY PART 2 OF 2 B) 1003121253 C) UFN E) AIRCRAFT THAT HAVE BEEN TAKEN OFF THEIR FLIGHT PLANNED ROUTE WILL BE RECLEARED TO A FIX SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN FOLLOWED BY THE PHRASEOLOGY VIA FLIGHT PLANNED ROUTE TO DESTINATION.

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

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

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

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

F) SFC G) UNL

END PART 2 OF 2

A0429/09

VALID: 29-JUN-09 1752 - UFN

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

KZWY NEW YORK (ARTCC-OCEANIC), RONKONKOMA, NY

A1712/25

VALID: 02-NOV-25 0500 - 02-NOV-25 0603

ZWY AIRSPACE DCC EROP X3375 F9 BANDWAGON-4 AREA B STNR ALT RESERVATION WI AN AREA DEFINED AS 274800N0773900W TO 281000N0773300W TO 281100N0762700W TO 275100N0760000W TO 272300N0761200W TO 272500N0764400W TO POINT OF ORIGIN SFC-UNL. CAUTION SPACE LAUNCH / HAZARDOUS OPS AND POSSIBILITY OF FALLING SPACE DEBRIS.

A1717/25

VALID: 02-NOV-25 0500 - 02-NOV-25 0603

ZWY AIRSPACE THE ROUTES BELOW WILL BE IMPACTED BY THE ALT RESERVATION(S) DEFINED IN CARF NOTAM(S) FOR ROCKET LAUNCH/SPLASH DOWN OF EROP X3375 FALCON-9 BANDWAGON-4. AFFECTED ROUTES: ROKKT TRANSITION FOR CUUDA STAR AVAILABLE FOR PILOTS TO FILE DURING LAUNCH WINDOW. AR3/Y307 CLSD BTN ANGLL AND NUCAR. RERTE VIA HANKX VENDS DIZNY (NEXT FIX). A699 CLSD BTN NUCAR AND LOUIZ. RERTE VIA RAMJT PAAZZ SUMRS. NON-RNP 4/10 ACFT RERTE VIA SNAGY M203 PADRK (NEXT FIX) OR BAAGR M328 BDA (NEXT FIX). G437 CLSD N OF OMALY. L463 CLSD BTN BAGGR AND NUCAR. RERTE VIA KRTIS VENDS DIZNY (NEXT FIX). M204 CLSD FOR NON-RNP 4/10 ACFT BTN SUMRS AND FLUPS. RERTE NON-RNP 4/10 ACFT VIA SNAGY M203 PADRK (NEXT FIX). M327 CLSD FOR NON-RNP 4/10 ACFT BTN SUMRS AND KANUX. RERTE NON-RNP 4/10 ACFT VIA BAAGR M328 BDA (NEXT FIX). Q89 CLSD S OF WAKUP. Y185 CLSD BTN ATTIK AND 50NM SE ATTIK. END PART 1 OF 2

ZWY AIRSPACE THE ROUTES BELOW WILL BE



IMPACTED BY THE
NB AOA FL370 RERTE VIA DONQU Y185 CVIKK MATLK Q87 JROSS
(NEXT FIX)
NB AOB FL360 RERTE VIA SAPPO SUMAC OCTAL MATLK Q87 JROSS (NEXT
FIX). SB RERTE: CAKET Q97 EBAYY KRTIS RENAH FIPEK.
Y355 CLSD BTN OMALY AND NUCAR. RERTE VIA RENAH VENDS DIZNY (NEXT
FIX).
Y374 CLSD BTN RUMFO AND NUCAR. RERTE VIA RUMFO VENDS DIZNY (NEXT
FIX).
Y588 CLSD N OF ROTHM.
END PART 2 OF 2

A0766/25 VALID: 11-JUN-25 1936 - 10-JUN-26 2359
ATTENTION ALL FLIGHT OPERATORS: FLIGHTS THAT EXPERIENCE OR SUSPECT
GNSS INTERFERENCE ENROUTE TO THE NEW YORK OCEANIC ENTRY POINT MUST
NOTIFY NEW YORK ATC. NOTIFICATION SHOULD BE VIA CPDLC, NY RADIO,
OR SATCOM, CONFIRMING DEGRADATION OF NAVIGATION STATUS AND DETAILS
OF ONGOING LOSS/IMPACTS TO THE AIRCRAFT SYSTEMS AND CAPABILITIES.
EXAMPLES OF NOTIFICATION:
GNSS INTERFERENCE RNP10 ONLY
NO DATA LINK
DEGRADED NAVIGATION NO GNSS
IN ADDITION, AIRLINE DISPATCHERS CAN DIRECTLY INFORM THE NEW YORK
OCEANIC SUPERVISOR TO MAKE THEM AWARE WHEN ONE OF THEIR FLIGHTS
HAS BEEN IMPACTED BY GNSS INTERFERENCE BY CONTACTING 631-468-1495
F) SFC G) UNL

A0278/20 VALID: 13-APR-20 1817 - UFN
NEW YORK RADIO (FORMERLY ARINC) REQUESTS THAT ALL FLIGHT PLANS
THAT ARE FILED INTO ANY OF THE NEW YORK FIR OR CTA INCLUDE THE
FOLLOWING ADDRESS WHEN FILING THEIR FLIGHT PLANS:KNYCZZZX. ANY
QUESTIONS PLEASE CONTACT ANTHONY ABATE OF NEW YORK RADIO AT
631-244-2483

TJZS SAN JUAN OCEANIC FIR/UIR

10/814 VALID: 01-NOV-25 1130 - 02-NOV-25 0400
AIRSPACE R7103C ACT 2000FT-12000FT
10/816 VALID: 01-NOV-25 1130 - 02-NOV-25 0400
AIRSPACE R7103A ACT SFC-12000FT
10/815 VALID: 01-NOV-25 1130 - 02-NOV-25 0400
AIRSPACE R7103B ACT 3000FT-12000FT

A0121/25 VALID: 25-SEP-25 1349 - UFN
GNSS EQUIPPED ACFT DEPARTING TJSJ ENTERING MIAMI CENTER AIRSPACE
(ZMA) DEPENDING ON THEIR DEST MUST FILE AND OR EXP TO BE ROUTED AS
FOLLOWS. MIAMI METRO DEST:
ACONY Y308 MADIZ - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR
AIRWAYS TO DESTINATION.
REST OF FLORIDA/TEXAS DEST:
ACONY2 SAPPO Y280 CHASO OR ACONY SID SAPPO Y399 CADGE - SEE MIAMI
CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DESTINATION.
ATLANTA/EASTERN/CENTRAL U.S. DEST:
ACONY Y185 RENAH - SEE MIAMI/JACKSONVILLE PREFERRED
ROUTES/NOTAMS. NORTHEAST U.S./NEW YORK METRO/CANADA DEST:
ACONY Y185 DONQU DCT LETON FOR L451 - SEE NEW YORK CENTER.
PREFERRED ROUTES/NOTAMS: LNHOM FOR L452 - SEE NEW YORK CENTER.
REFERRED ROUTES/NOTAMS: LAMER FOR L453 - SEE NEW YORK CENTER.
PREFERRED ROUTES/NOTAMS: LUCTI FOR L454 - SEE NEW YORK CENTER. END
PART 1 OF 3

PREFERRED ROUTES/NOTAMS
GNSS EQUIPPED ACFT ENTERING SAN JUAN CENTERS AIRSPACE TJZS(ZSU) FM
NORTHEAST U.S./NEW YORK METRO/CANADA VIA NEW YORK OCEANIC AIRSPACE
DEST TIST/TISX:



L455 - KINCH L455 LENNT ZWEEK JETSS TIST/TISX.
 L456 - HANCY L456 THANK ZWEEK JETSS TIST/TISX.
 L458 - CHEDR L458 THANK ZWEEK JETSS TIST/TISX.
 L459 - KEEKA L459 ODUCA ZWEEK JETSS TIST.
 L459 - KEEKA L459 ODUCA L460 STT TISX.
 DEST TNCM/TQPF:
 L455 - KINCH L455 LENNT SLUGO TNCM/TQPF.
 L456 - HANCY L456 THANK SLUGO TNCM/TQPF.
 L458 - CHEDR L458 THANK SLUGO TNCM/TQPF.
 L459/L329 - L459 KEEKA L329 SAULT SLUGO TNCM/TQPF.
 END PART 2 OF 3

L461 - OPAUL L461 PJM TNCM/TQPF.
 DEST TAPA:
 L455 - KINCH L455 LENNT ELOPO B520 TAPA.
 L456 - HANCY L456 THANK ELOPO B520 TAPA.
 END PART 3 OF 3

A0056/25 VALID: 21-MAY-25 1305 - UFN
 TJSJ ACONY THREE DEPARTURE: AIRCRAFT SHALL FLY DIRECT TO NEXT FIX
 ON FLIGHT PLAN AFTER PALDE AND THEN AS FILED.

F) SFC G) UNL

A0034/25 VALID: 25-MAR-25 1621 - UFN

FEDERAL AVIATION ADMINISTRATION
 SAN JUAN COMBINED CONTROL FACILITY (CCF)
 CAROLINA, PR 00979-7421

ISSUED:

SAN JUAN COMBINED CONTROL FACILITY LETTER TO AIRMEN

SUBJECT: DORADO VFR PRACTICE AREA SAFETY

BACKGROUND: THE DORADO VFR PRACTICE AREA IS LOCATED IN AN AREA
 WHERE HIGH PERFORMANCE JET TRAFFIC MAY BE DESCENDING INTO SAN JUAN
 INTERNATIONAL AIRPORT. THIS POTENTIAL SAFETY RISK REQUIRES THE
 NEED FOR INCREASED AWARENESS ON THE PART OF THE PARTICIPANTS DUE
 TO THE HIGH VOLUME OF JET TRAFFIC IN AND AROUND THE VFR PRACTICE
 AREA.

PURPOSE: THE PURPOSE OF THIS LETTER TO AIRMEN IS TO ADVISE ALL END
 PART 1 OF 4

PARTICIPANTS OF THE ESTABLISHMENT OF THE DORADO VFR PRACTICE
 AREA (SEE ATTACHMENT) IN SAN JUAN COMBINED CONTROL FACILITY)
 AIRSPACE, AND TO INCREASE SAFETY IN THE OPERATIONS IN AND AROUND
 THIS AREA. THE PROCEDURES AND AREA DEFINED IN THIS LETTER WERE THE
 RECOMMENDATION AGREED TO BY A JOINT COMMITTEE OF LOCAL AREA FLIGHT
 SCHOOLS AND THE FAA.

THE DORADO VFR PRACTICE AREA IS DESCRIBED AS THAT AREA BOUNDED ON
 THE NORTH BY THE NORTHERN PUERTO RICO COASTLINE (18 DEGREES, 30
 MINUTES NORTH), TO THE WEST BY THE TOWN OF PALMAS ALTAS, TO THE
 SOUTH BY THE TOWN OF COROZAL, AND TO THE EAST BY THE TOWN OF VEGA
 ALTA. THE VERTICAL LIMITS ARE SURFACE TO 3,000 FEET MSL.

INCREASED AWARENESS MUST BE MAINTAINED BY ALL PARTICIPANTS WHILE
 FLYING IN THE PRACTICE AREA DESCRIBED BELOW DUE TO HIGH TRAFFIC
 VOLUME, AND OVERFLYING TRANSITIONING JET TRAFFIC, WHERE WAKE
 TURBULENCE MAY BE PRESENT. USE EXTREME CAUTION AND INCREASE
 OUTSIDE COCKPIT VIGILANCE.

END PART 2 OF 4

PROCEDURES: THE FOLLOWING PROCEDURES WILL RESULT IN INCREASED
 SAFETY BY ENSURING VERTICAL SEPARATION FROM OVERFLYING JET
 TRAFFIC, ALLEVIATING FREQUENCY CONGESTION, AND IMPROVING
 PARTICIPANT AWARENESS OF POTENTIAL CONFLICTING TRAFFIC.

PILOTS TRANSITIONING TO/FROM ISLA GRANDE AIRPORT SHOULD ENTER/EXIT
 THE PRACTICE AREA AT OR BELOW 1200 FEET MSL, WHILE REMAINING CLEAR
 OF SAN JUAN CLASS C AIRSPACE.

PILOTS OPERATING WITHIN THE PRACTICE AREA SHOULD COMMUNICATE THEIR



RELATIVE POSITIONS TO OTHER PARTICIPANTS ON THE AIR-TO AIR
FREQUENCY 122.75 MHZ.
PILOTS OPERATING OUTSIDE THE PRACTICE AREA MAY CONTACT SAN JUAN
APPROACH ON FREQUENCY 119.4, FOR TRAFFIC ADVISORIES.
LOCAL AREA FLIGHT SCHOOLS MAY DEVELOP MORE SPECIFIC PROCEDURES AND
END PART 3 OF 4

TRAINING FOR THE SAFE OPERATION OF PRACTICE VFR FLIGHT WITHIN
THE PRACTICE AREA, TO RECOMMEND FLIGHT PATHS, ENTRY AND EXIT
ROUTES, ALTITUDES, SAFE PRACTICES, ETC. WHICH SHOULD BE MUTUALLY
COORDINATED AND COMMUNICATED TO ALL PARTICIPATING PILOTS.
PERIODIC ANALYSIS OF EVENTS AND OPERATIONS RELATED TO THESE
PROCEDURES AND ANY RESULTING CHANGES AND MONITORING OF IMPROVED
PROCEDURES WILL SERVE TO CONTINUALLY ASSURE SAFE OPERATIONS WITHIN
THE VFR PRACTICE AREA. END PART 4 OF 4

A0032/25 VALID: 25-MAR-25 1607 - UFN
BEANO THREE STANDARD INSTRUMENT ARRIVAL (STAR)FOR TJSJ NOT
AUTHORIZED. CHAKA FOUR STANDARD INSTRUMENT ARRIVAL (STAR)FOR TJSJ
NOT AUTHORIZED.JOSHE THREE STANDARD INSTRUMENT ARRIVAL (STAR)FOR
TJSJ NOT AUTHORIZED.SAALR TWO STANDARD INSTRUMENT ARRIVAL
(STAR)FOR TJSJ NOT AUTHORIZED.TROCO THREE STANDARD INSTRUMENT
ARRIVAL (STAR)FOR TJSJ NOT AUTHORIZED.

A0084/20 VALID: 02-SEP-20 1828 - UFN
THE FOLLOWING PREFERRED ROUTES MUST BE FILED BY ACFT
DISPATCHER FOR ALL ACFT OPERATING WI THE SAN JUAN CTA/FIR AS
FOLLOWS:
TJSJ/TJIG ARRIVALS (TJIG LANDERS REPLACE TJSJ WITH SJU..TJIG)
L458-CHEDR.L458.THANK..PLING.RTE7.SAALR..TJSJ
L456-HANCY.L456.THANK..PLING.RTE7.SAALR..TJSJ
L455-KINCH.L455.LENNT.M423.PLING.RTE7.SAALR..TJSJ
Y292-PIPEK.Y355.PLING.RTE7.SAALR..TJSJ L325-SCAPA.L325.JOSHE..TJSJ
Y290-Y290.BEANO..TJSJ
A555-ILURI.A555.COY.RTE4.VEDAS..TJSJ
A636-KATOK.A636.BQN.RTE2.TJSJ (PROPS/TURBOPROPS ONLY)
G633-MELLA.G633.MAZ.RTE12.TJSJ
G633-GABAR.G633.COY.RTE4.VEDAS..TJSJ (ABOVE 10,000FT)
G633-GABAR.G633.DANDE..STT.RTE6.TJSJ (10,000FT AND BELOW)
N779-ARMUR.N779.JOSHE..TJSJ
L467-ANADA.L467.ANNER..VEDAS..TJSJ
R888-MODUX.R888.COY.RTE4.VEDAS..TJSJ
END PART 1 OF 2

R760-GOUDA.R760.COY.RTE4.VEDAS..TJSJ (ABOVE 10,000FT)
B520-JUICE.B520.STT.RTE6.TJSJ (10,000FT AND BELOW)
END PART 2 OF 2

A0112/19 VALID: 10-DEC-19 1404 - UFN
THE FOLLOWING PREFERRED ROUTES MUST BE FILED BY ACFT
DISPATCHER FOR ALL ACFT OPERATING WI THE SAN JUAN CTA/FIR AS
FOLLOWS:
TJSJ/TJIG ARRIVALS (TJIG LANDERS REPLACE TJSJ WITH SJU..TJIG)
Y355-PIPEK.Y355.PLING.RTE7.SAALR..TJSJ Y290-CALTO.Y290.BEANO..TJSJ
L458-CHEDR.L458.THANK..PLING.RTE7.SAALR..TJSJ
L456-HANCY.L456. THANK..PLING.RTE7.SAALR..TJSJ
L455-KINCH.L455.LENNT.M423.PLING.RTE7.SAALR..TJSJ
L325-SCAPA.L325.JOSHE.RTE12.TJSJ
A555-ILURI.A555.COY.RTE4.VEDAS..TJSJ
G633-MELLA.G633.MAZ.RTE12.TJSJ
G633-GABAR.G633.COY.RTE4.VEDAS..TJSJ (ABOVE 10,000FT)
G633-GABAR.G633.DANDE..STT.RTE6.TJSJ (10,000FT AND BELOW)
N779-ARMUR.N779.JOSHE.RTE12.TJSJ
M423-KIKER.M423.RAYAS..VEDAS..TJSJ
L467-ANADA.L467.ANNER..VEDAS..TJSJ
R888-MODUX.R888.COY.RTE4.VEDAS..TJSJ



END PART 1 OF 2

R760-GOUDA.R760.COY.RTE4.VEDAS..TJSJ (ABOVE 10,000FT)
B520-JUICE.B520.STT.RTE6.TJSJ (10,000FT AND BELOW)
F) SFC G) UNL
END PART 2 OF 2

A0020/21 VALID: 05-JUN-19 1915 - UFN

GNSS EQUIPPED AIRCRAFT DEPARTING FROM
EASTERN CARIBBEAN AIRPORTS
ENTERING SAN JUAN CENTERS AIRSPACE TJZS(ZSU) DEPENDING ON THEIR
DESTINATION MUST FILE AND/OR CAN EXPECT TO BE ROUTED TO ENTER TJZS
AS FOLLOWS:

FM TTPP/TTCP TO

1. MIAMI METRO/FLORIDA/TEXAS DEST - ANADA L452 HARBG
Y421 HAGIT SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR
AIRWAYS TO DEST.

2. ATLANTA/EASTERN/CENTRAL U.S DEST - ANADA L467 GESSO
Y354 DONQU Y185 RENAH - SEE MIAMI/JACKSONVILLE CENTER
PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.

PART 1 OF 8

3. NORTHEAST U.S./NEW YORK METRO/CANADA DEST -
ANADA L459 SAVIK SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS
ANADA L467 GESSO Y354 DONQU DCT LETON FOR L451 - SEE NEW
YORK CENTER PREFERRED ROUTES/NOTAMS
LNHOM FOR L452 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LAMER
FOR L453 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LUCTI FOR
L454 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS

FM TBPB/TVSV/TLPL/TGPY TO

1. MIAMI METRO/FLORIDA/TEXAS DEST - GEECE L466 MEEGL Y421
HAGIT SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS
TO DEST.

2. ATLANTA/EASTERN/CENTRAL U.S DEST - GEECE L466 MEEGL Y356
DONQU Y185 RENAH OR ILURI Y185 RENAH - SEE
MIAMI/JACKSONVILLE CENTER PREFERRED ROUTES/NOTAMS FOR
AIRWAYS TO DEST.

3. NORTHEAST U.S./NEW YORK METRO/CANADA DEST - GEECE L776 MACOR
L455 SAVIK - SEE NEW YORK CENTER PREFERRED
ROUTES/NOTAMS.

PART 2 OF 8

4. GEECE L466 MEEGL Y356 DONQU DCT
LETON FOR L451 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LNHOM
FOR L452 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LAMER FOR
L453 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LUCTI FOR L454
- SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS

FM TFFF/TFRR TO

1. MIAMI METRO DEST - ILURI Y185 ACONY Y308 FOWEE - SEE
MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO
DEST.

2. REST OF FLORIDA/TEXAS DEST - ILURI Y185 ACONY Y280 CHASO
OR ILURI Y185 ACONY Y280 SAPPO Y399 CADGE - SEE MIAMI CENTER
PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.

3. ATLANTA/EASTERN/CENTRAL U.S DEST - ILURI L454 DONQU Y185 RENAH
- SEE

MIAMI/JACKSONVILLE CENTER PREFERRED ROUTES/NOTAMS FOR
AIRWAYS TO DEST.

4. NORTHEAST U.S./NEW YORK METRO/CANADA DEST ILURI L454 DONQU
Y185 DONQU DCT

PART 3 OF 8

LETON FOR L451 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS
LNHOM FOR L452 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LAMER



FOR L453 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LUCTI FOR L454 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS FM TAPA/TKPK/TKPN TO

5. MIAMI METRO DEST - GABAR Y280 ACONY Y308 FOWEE - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.
6. REST OF FLORIDA/TEXAS DEST - GABAR Y280 CAHSO OR GABAR Y280 SAPPO Y399 CADGE - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.
7. ATLANTA/EASTERN/CENTRAL U.S DEST - GABAR Y280 GOTAY L454 DONQU Y185 RENAH - SEE MIAMI/JACKSONVILLE CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.
8. NORTHEAST U.S./NEW YORK METRO/CANADA DEST - GABAR Y280 GOTAY L454 DONQU Y185 DONQU DCT LETON FOR L451 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LNHOM FOR L452 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LAMER FOR L453 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LUCTI FOR L454 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS FM TNCM/TQPF TO

PART 4 OF 8

9. MIAMI METRO DEST - JUICE B520 STT RTE6 SJU ACONY Y308 FOWEE - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.
10. REST OF FLORIDA/TEXAS DEST - JUICE B520 STT RTE6 SJU ACONY Y280 CAHSO OR JUICE B520 STT RTE6 SJU ACONY Y280 SAPPO Y399 CADGE - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.
11. ATLANTA - JUICE B520 LARPP Y318 DONQU Y185 MANLE - SEE MIAMI/JACKSONVILLE CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST
12. NORTHEAST U.S./NEW YORK METRO/CANADA DEST - JUICE B520 LARPP Y318 DONQU Y185 DONQU DCT LETON FOR L451 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LNHOM FOR L452 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LAMER FOR L453 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS LUCTI FOR L454 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS TRNKY ODUCA FOR L459 - SEE NEW YORK CENTER PREFERRED ROUTES/NOTAMS TIST/TISX/TUPJ TO

PART 5 OF 8

1. MIAMI METRO DEST - STT RTE6 SJU ACONY Y308 FOWEE - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.
2. REST OF FLORIDA/TEXAS DEST - STT RTE6 SJU ACONY Y280 CAHSO OR STT RTE6 SJU ACONY Y280 SAPPO Y399 CADGE - SEE MIAMI CENTER PREFERRED ROUTES/NOTAMS FOR AIRWAYS TO DEST.
3. NORTHEAST U.S./NEW YORK METRO/CANADA DEST - STT RTE6 ACONY Y280 ACONY Y185 DONQU DCT LETON FOR L451 - SEE NEW YORK CENTER PREF ROUTES/NOTAMS LNHOM FOR L452 - SEE NEW YORK CENTER PREF ROUTES/NOTAMS LAMER FOR L453 - SEE NEW YORK CENTER PREF ROUTES/NOTAMS LUCTI FOR L454 - SEE NEW YORK CENTER PREF ROUTES/NOTAMS GNSS EQUIPED ACFT ENTERING SAN JUAN AIRSPACE TJZS FM MIAMI CENTERS AIRSPACE (KZMA) DEPENDING ON THEIR DEST MUST FILE AND/OR CAN EXP TO BE ROUTED TO ENTER TJZS AS FOLLOWS:
 DEST TJBQ, TJMZ, TJPS

1. FIPEK Y439 MEEGL DCT DEST
2. HARBG Y421 MEEGL DCT DEST

DEST SAINT CROIX (TISX)

PRT 6 OF 8

1. FIPEK Y355 KOLAO TISX
2. HARBG Y421 MEEGL TISX

DEST SAINT THOMAS (TIST), BEEF ISLAND (TUPJ)



- 1. FIPEK Y355 KOLAO JETSS TIST
- 2. FIPEK Y355 KOLAO TUPJ
- 3. CALTO Y290 JETSS TIST
- 4. CALTO Y290 JETSS TUPJ
- DEST SAINT MARTEEN (TNCM), CJ LLOYD (TQPF) VC BIRD (TAPA) 1. FIPEK Y355 SLUGO TNCM
- 2. CALTO Y290 SLUGO TNCM
- 3. FIPEK Y355 SLUGO TQPF
- 4. CALTO Y290 SLUGO TQPF
- 5. FIPEK Y355 ELOPO B520 TAPA
- 6. CALTO Y290 ELOPO B520 TAPA
- DEST SAINT KITTS/NEVIS (TKPK/TKPN)
- 1. FIPEK Y355 KOLAO DANDE G633 GABAR TKPK/TKPN
- 2. HARBG Y421 MEEGL DANDE G633 GABAR TKPK/TKPN
- OTHER EASTERN CARIBBEAN AND SOUTH AMERICAN DEST
- 1. FIPEK Y355 KOLAO MODUX AIRWAYS TO DEST
- 2. FIPEK Y355 KOLAO ILURI AIRWAYS TO DEST

PART 7 OF 8

- 3. FIPEK Y294 GESSO L467 ANADA AIRWAYS TO DEST
- 4. FIPEK Y439 ARMUR AIRWAYS TO DEST
- 5. HARBG Y421 MEEGL L466 GEECE AIRWAYS TO DEST
- 6. HARBG Y421 MEEGL MODUX AIRWAYS TO DEST
- 7. HARBG Y421 MEEGL ILURI AIRWAYS TO DEST
- 8. HARBG L452 ANADA AIRWAYS TO DEST

PART 8 OF 8

A0035/18 VALID: 07-NOV-18 1228 - UFN
 CAUTION: MULTIPLE REPORTS OF UNAUTHORIZED LASER ILLUMINATION
 EVENTS FM AN UNKNOWN SOURCE DIRECTED AT ACFT DURING NGT HOURS WI
 12NM OF THE SJU VOR AND WI 12NM OF THE BQN VOR. LASER ILLUMINATION
 EVENTS REPORTED DURING ALL PHASES OF FLT.

TTZP PIARCO FIR/UIR

A1520/25 VALID: 24-OCT-25 1320 - 21-JAN-26 2359
 DUE TO LIMITED VHF COVERAGE IN THE NORTH SECTORS OF TTZP FIR,
 PRIOR TO ENTERING PIARCO AIRSPACE, ACFT SO EQUIPPED CAN
 LOG ON TO TTZP FOR CPDLC OR OBTAIN NEW YORK HF RDO FREQ
 IN-USE AND RELAY VOICE REPORTS VIA NEW YORK HF.

SYGC GEORGETOWN FIR/UIR

NIL

SMPM PARAMARIBO FIR/UIR

A0301/25 VALID: 16-OCT-25 0013 - 13-JAN-26 2359
 PRIMARY VHF EXTENDED RANGE ANTENNA U/S. ALL FREQUENCIES OPERATING
 WITH LIMITED RANGE.
 DIFFICULTIES IN TWO-WAY VHF COMMUNICATIONS WITHIN PARAMARIBO FIR
 MAY OCCUR.

A0021/24 VALID: 28-FEB-24 1530 - UFN
 AERONAUTICAL RESCUE COORDINATION CENTRE(ARCC) PARAMARIBO/SAR AVBL
 FM MON-FRI 1000-1800 VIA TEL: +597 491728. OR H24 VIA MOBILE AND
 WHATSAPP: +597 8824475

SBAZ AMAZONICA FIR

O0754/25 VALID: 30-OCT-25 0000 - 13-NOV-25 0000



TRIGGER NOTAM -
SIGNIFICANT MODIFICATIONS AIC AERONAUTICAL INFORMATION PUBLICATION
A22/25 WEF 30OCT25A1; SIGNIFICANT MODIFICATIONS PERM AIRAC AIP
AMDT 2511A2 AND 2511A1 WEF 30OCT25; SIGNIFICANT MODIFICATIONS IN
AIP AND IN CHARTS

O0876/25 VALID: 20-OCT-25 1728 - 14-JAN-26 2359
RNAV RTE UZ2 STAGE ENRUS/ISURI MNM LEVEL CHANGED TO FL260
F) FL260 G) UNL

O0868/25 VALID: 18-OCT-25 1925 - 14-JAN-26 2359
FIR AMAZONICA SECTOR 01 WI COORD 065137S/0461803W,
061634S/0451628W, 080812S/0454656W, 085208S/0464055W,
071319S/0470301W, 065105S/0461817W CLASS A CHANGED TO CLASS G F)
FL150 G) FL250

O0749/25 VALID: 13-OCT-25 2101 - 26-NOV-25 2359
VOR/DME TFE FREQ 112.900MHZ/CH76X U/S
RMK: THIS AERONAUTICAL INFORMATION WILL BE EXTENDED BY A AIP SUP

O0839/25 VALID: 12-OCT-25 0110 - 08-JAN-26 2359
NDB OIA FREQ 340KHZ U/S

O0824/25 VALID: 09-OCT-25 1348 - 06-JAN-26 1500
VOR STM FREQ 112.30MHZ U/S

O0822/25 VALID: 09-OCT-25 1333 - 05-JAN-26 2300
VOR CZS FREQ 112.00MHZ U/S

O0787/25 VALID: 01-OCT-25 1335 - 30-DEC-25 1800
VOR YTZ 112.700MHZ U/S

O0757/25 VALID: 25-SEP-25 1233 - 18-DEC-25 2100
DME MRB CH84X U/S

O0710/25 VALID: 02-SEP-25 1920 - UFN
VOR/DME CJS FREQ 114.400MHZ/CH91X WITHDRAWN. REF: AIP AD 2.24 ADC,
IAC VOR Y RWY 28, IAC VOR Z RWY 10, IAC ILS W OR LOC W RWY 10, AIP
ENR 3.2, ENR 4.1, ENR 6 ENRC L6 / H6

O0663/25 VALID: 22-AUG-25 1712 - 18-NOV-25 1700
DME STM CH70X U/S

O0642/25 VALID: 18-AUG-25 1649 - UFN
VOR ATM FREQ 113.200 MHZ WITHDRAWN.
REF: AIP ENR 4.1 ENR 6 ENRC L7/H7

O0454/25 VALID: 18-JUN-25 2129 - UFN
DME YTB FREQ 112.700MHZ/CH 74X COORD 041450,0618S/0560027,5609W
ELEV 105,0755FT (32,0270M) HR SER H24 INSTL. REF: AIP ENR 4.1, ENR
6 ENRC L9/H9

O0116/25 VALID: 26-FEB-25 1122 - UFN
DME PUI (APUI) FREQ 113.00MHZ/CH77X INSTL. REF: AIP ENR 4.1, ENR 6
ENRC L9/H9

SBBS BRASILIA FIR/UIR

Please see section EXTENDED AREA AROUND DESTINATION



[Crew Alert & Bulletin]

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SB007/14 VALID: 12-OCT-14 0330 - UFN

SB007/14 COMPANY NOTAM

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 VALID: 13-JUL-13 0320 - UFN

SB003/13 COMPANY NOTAM

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.

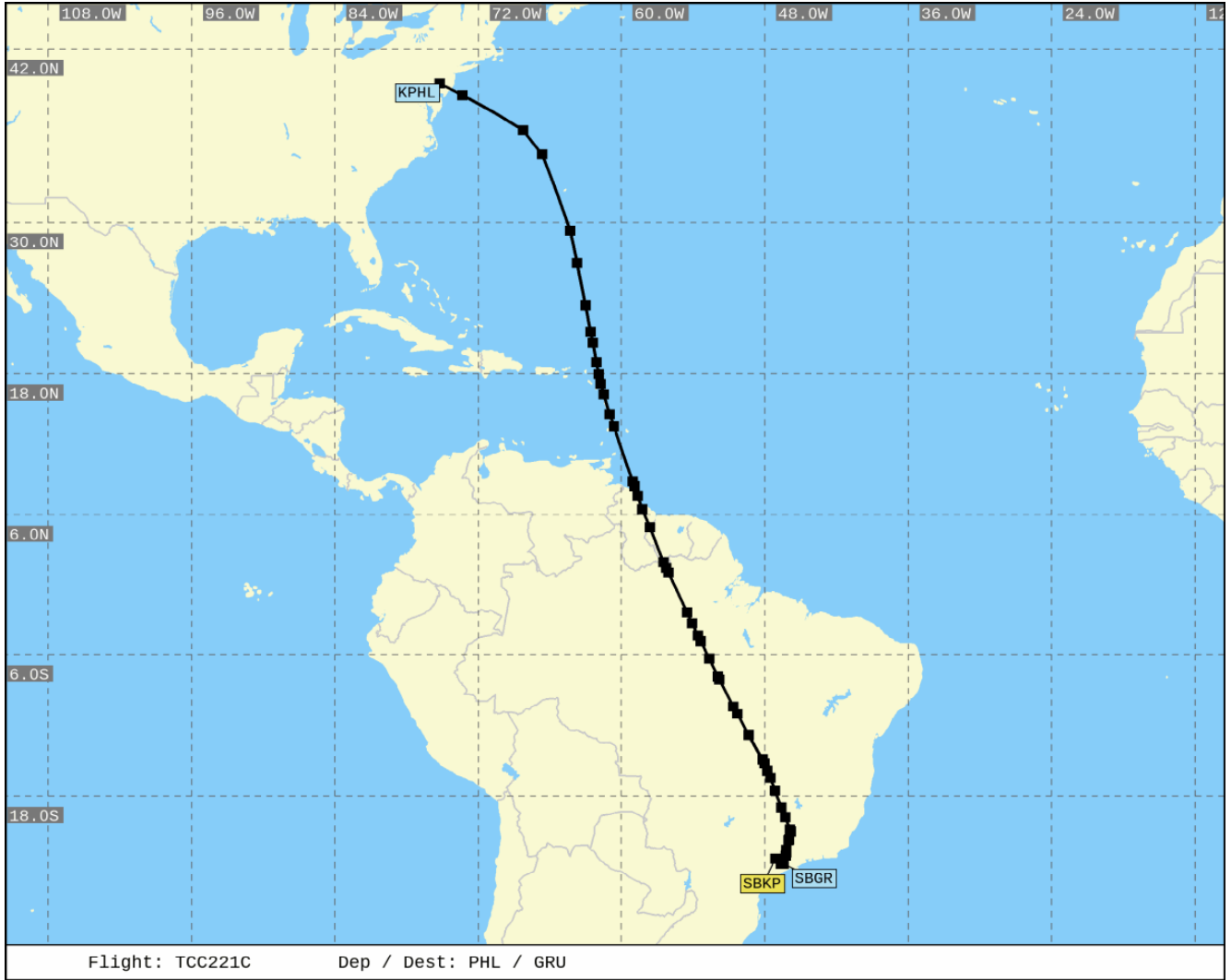
=====

NIL

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

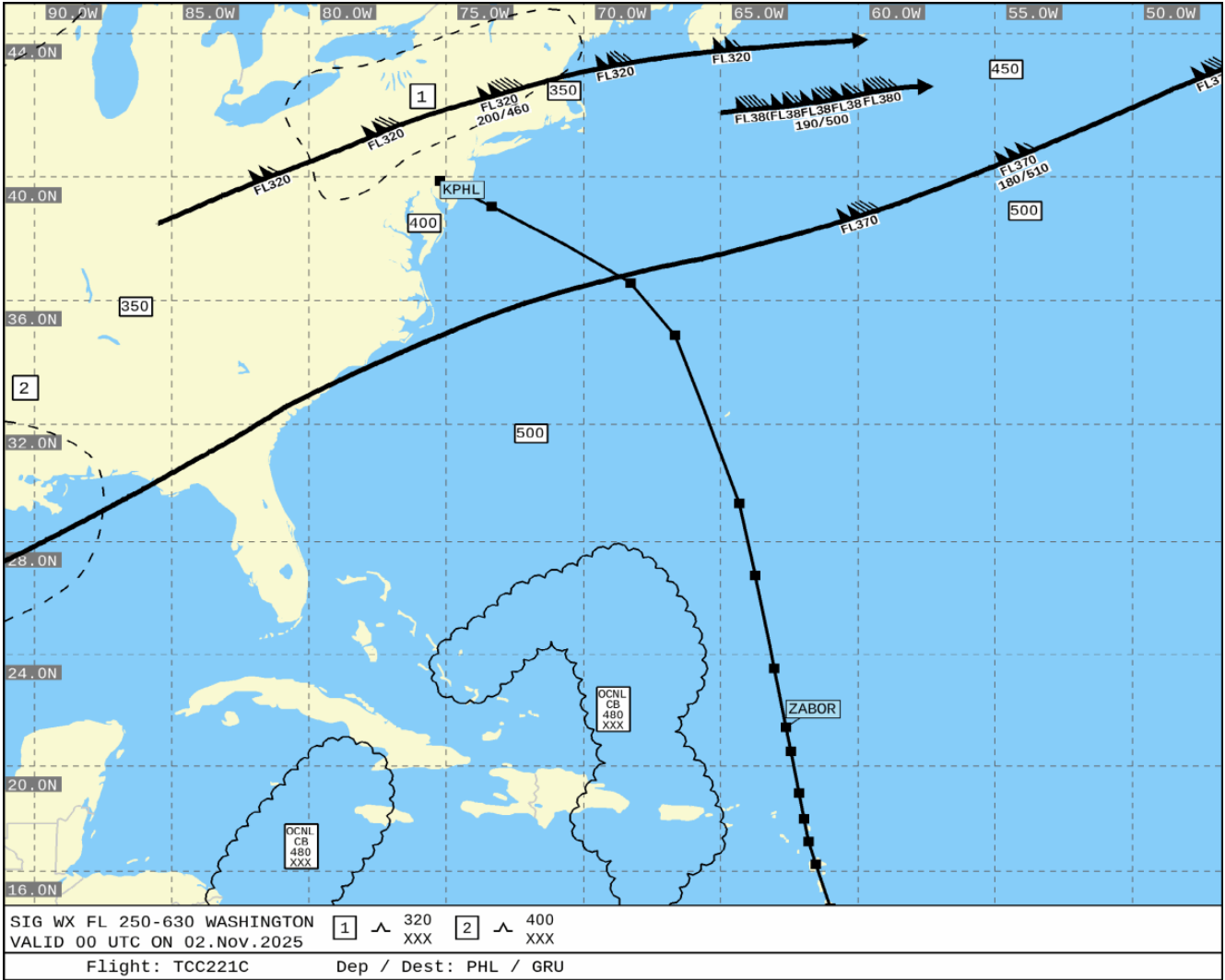


Route



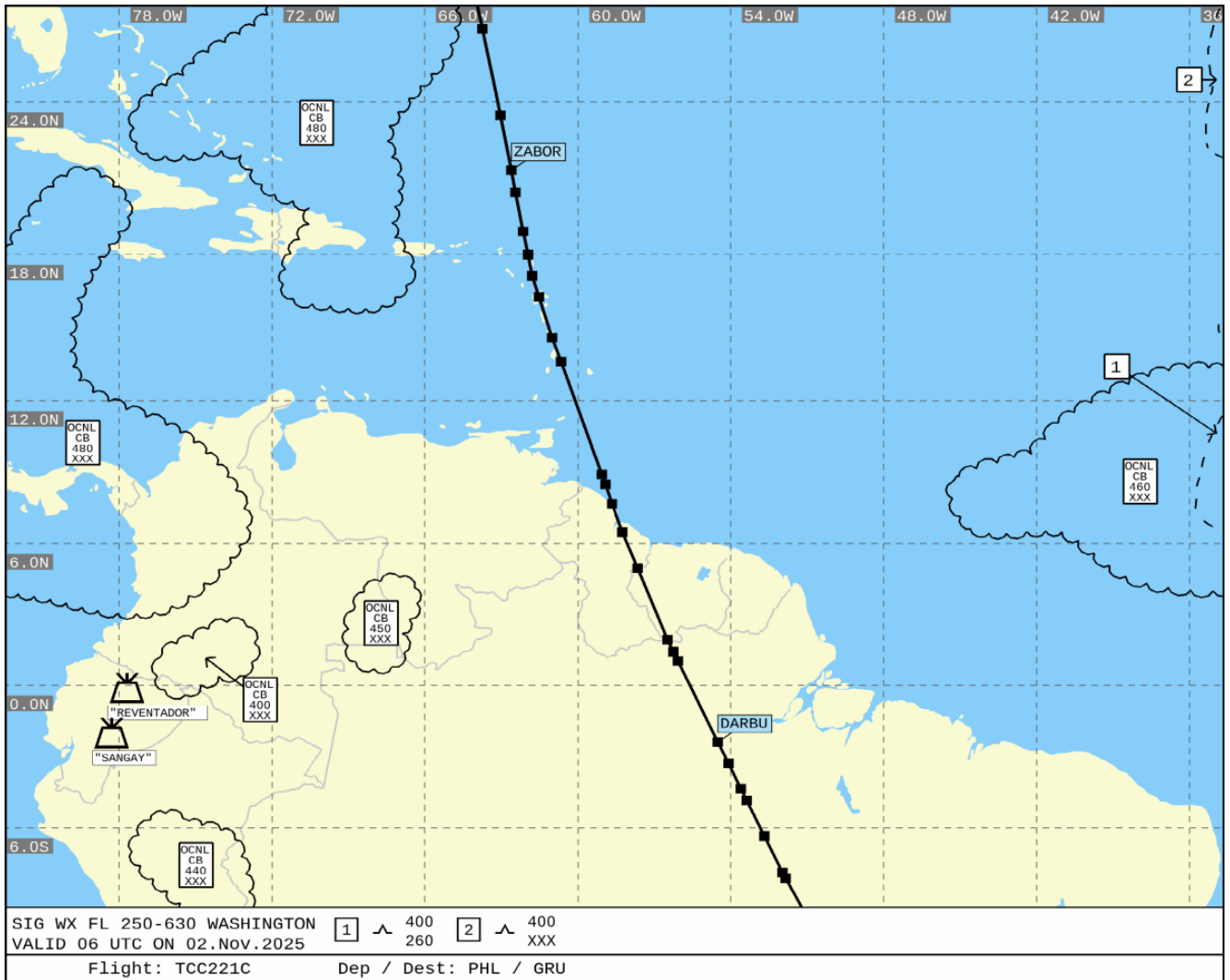


SigWx 1 of 3



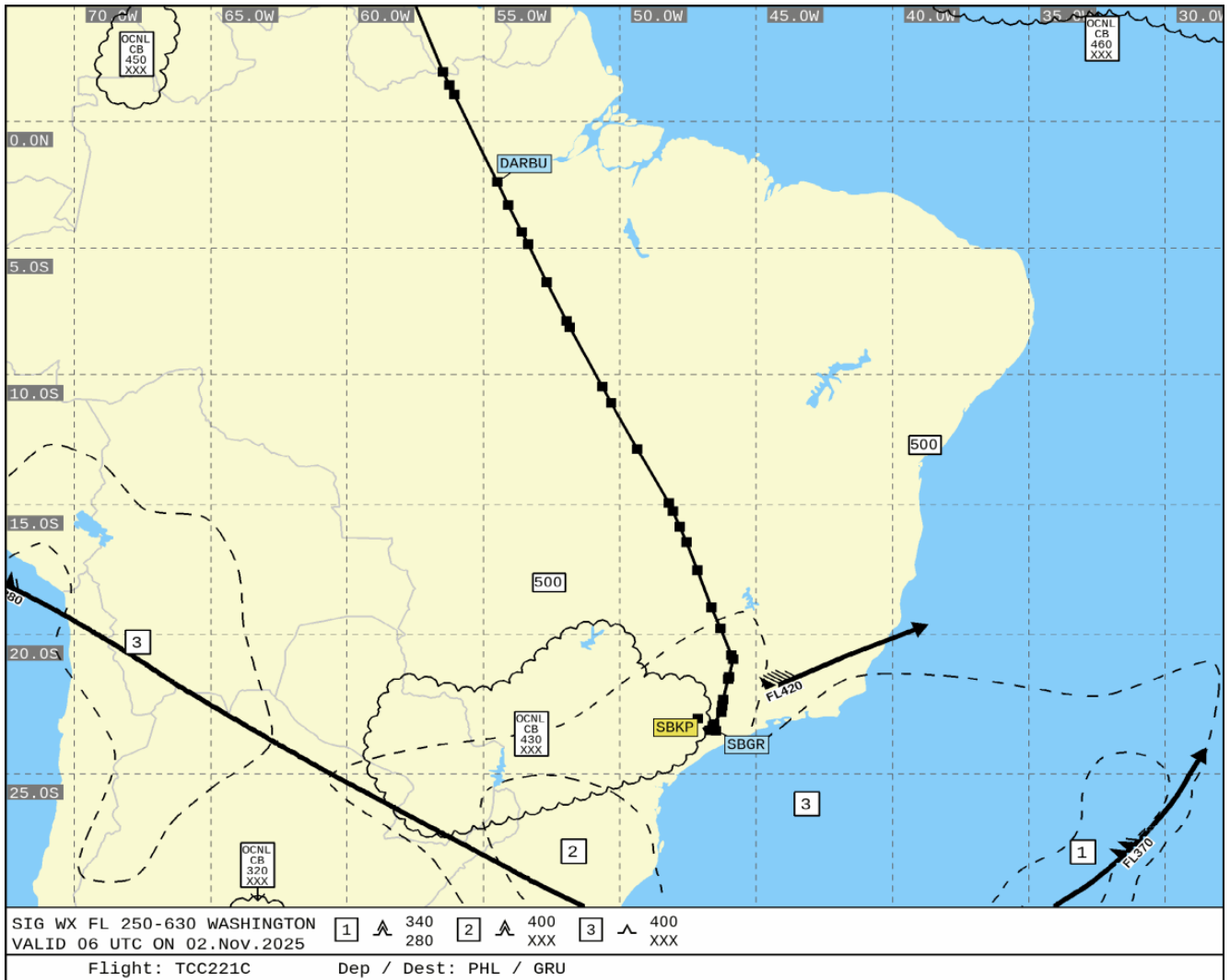


SigWx 2 of 3



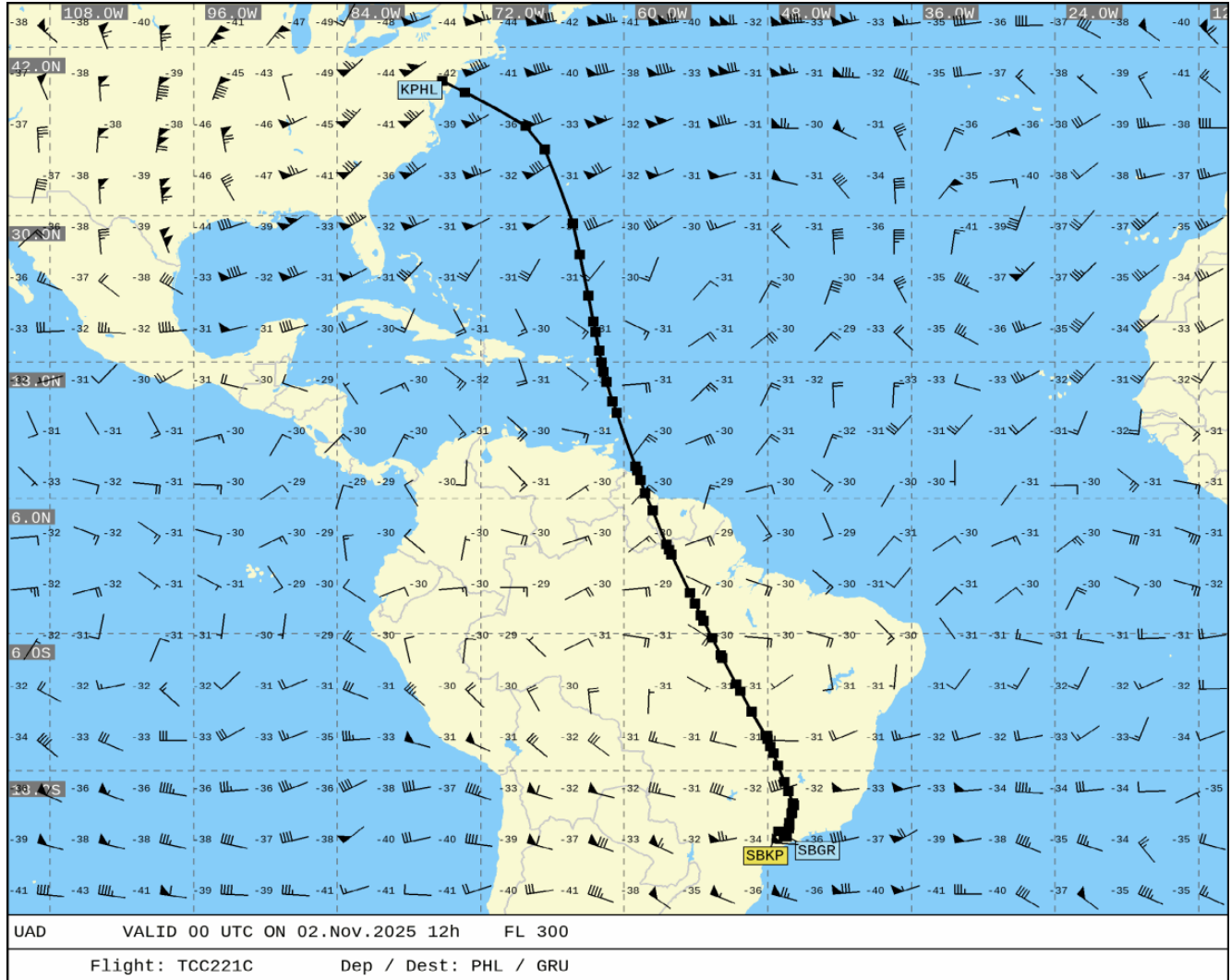


SigWx 3 of 3



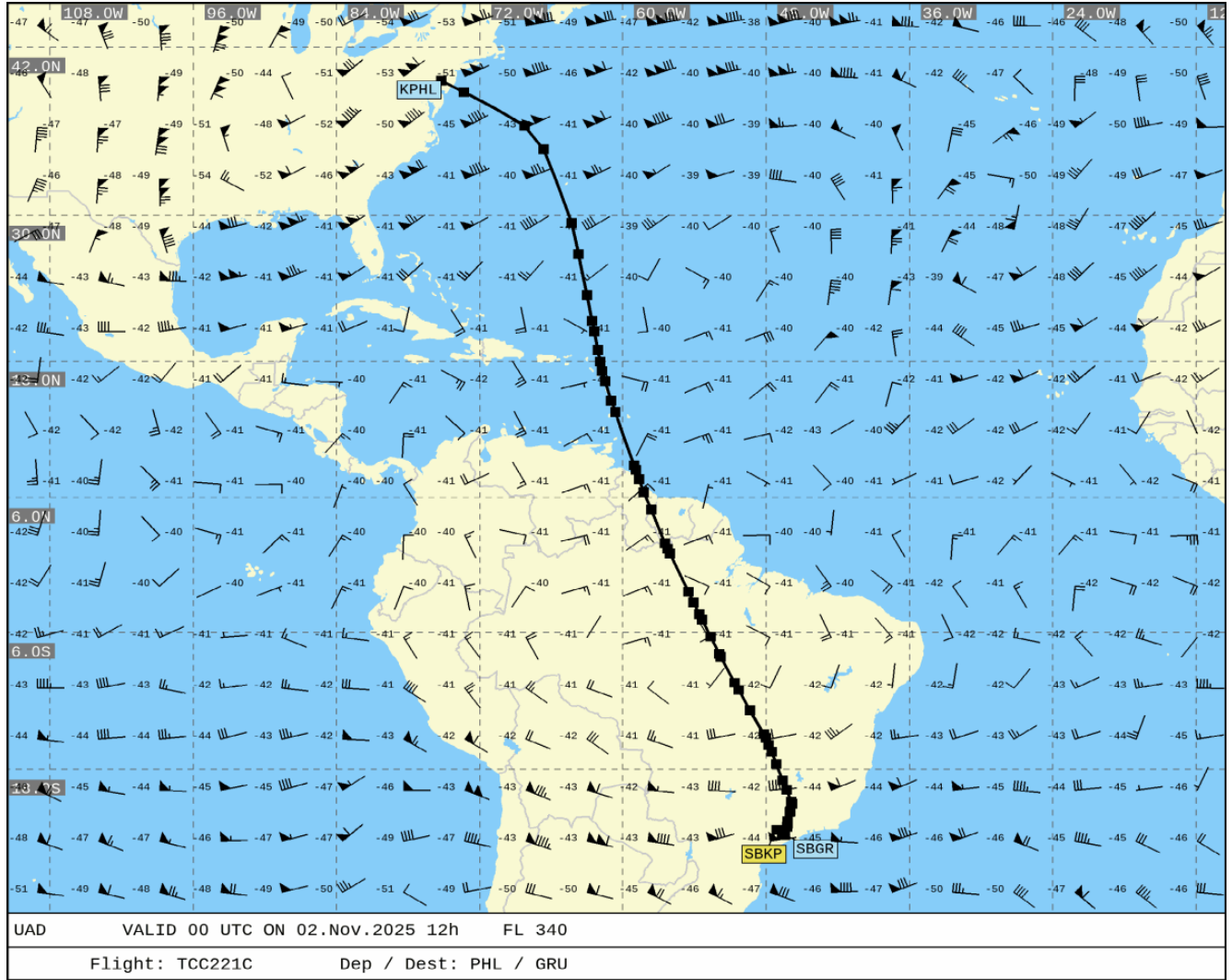


UAD 1 of 3



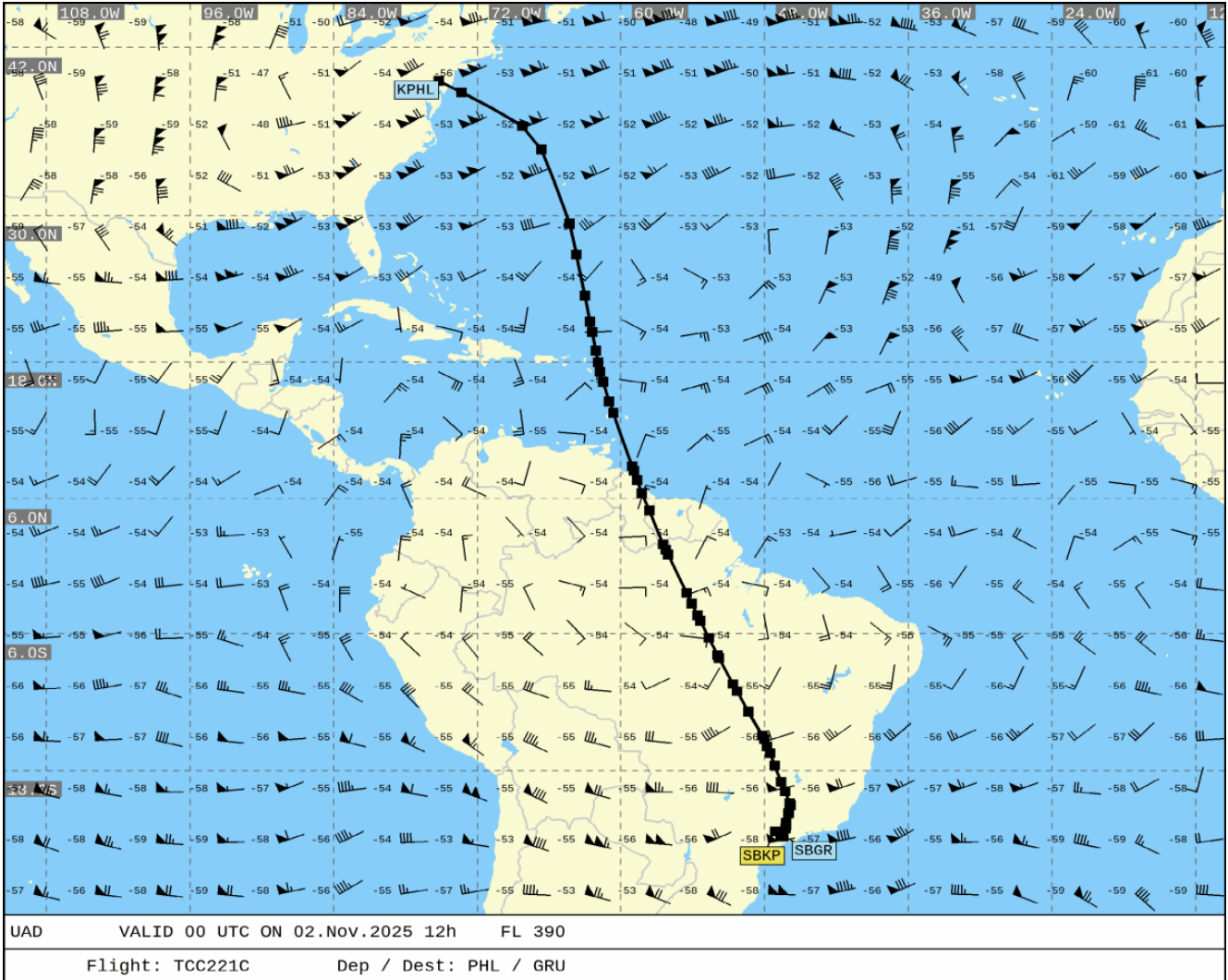


UAD 2 of 3





UAD 3 of 3





Vertical profile

