



[OFP]

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

TCC221D/TCC221D PJTGH/77W SELCAL/EGAS ROUTE: DEF RTE

DEP: KPHL 27L ELEV 36 FT COST INDEX: 15 TTL G/C DIST: 4128NM
 ARR: SBGR 10R ELEV 2461 FT SPEED: ECON TTL F/P DIST: 4280NM
 ALT: SBKP 15 PERF: 5.0% TTL ADIST: 4268NAM
 INIT FL/TEMP: 330/M48

TKOF ALT: AVGE WC: P001

CODES	PAX	CARGO	PTTL	UNDL	
105	360	10800	42480	22883L	
DOM		ZFM	TOM	LAM	
168591	MAL	237683	351535	251290	
	PLN	211071	301972	228407	SIGNATURE COMMANDER
	ACT				

ROUTING: N0490F330 DCT KINER/M083F330 L461 BOVIC DCT PIREX L462
 DAWIN/N0495F330 L462 LAMKN/N0491F340 UL462 ANU/N0489F330
 UA312 FOF/N0490F350 UA312 TONOM UL452 PAMOV/N0482F370 UL452
 ILKUS/N0477F360 UZ38 VUNOX SANPA1A

ATIS:

FUEL	CORR.	ENDUR:	ANALYSED TRIP FUEL:
073565		0859	NO DATA AVAILABLE FOR THIS FLIGHT
003678		0027	
004242		0032	
003175		0030	
001387		0010	
002080		0015	
002774		0020	
90901		1113	
635		0020	

NO TANKERING RECOMMENDED
 DISPATCH DEFINED

ZFM INCR 1000 KG: TF +328 KG ZFM DECR 1000 KG: TF -256 KG
 2000 FT BELOW: TF +278 KG / EET 09.01

ALTN/RWY	TYPE	DIST	COMP/LVL	TIME/PNLTY	FUEL/PNLTY	F.RES
SBKP/15	-	0152	M006/200	0032/-	04242/-	03175

SBKP/ REORI3A VUMEV DCT ENTIT ITEDI1A

KPHL/PHL	STD	2200	ETD	2200	OFB		EST	TOF	2220	TOF	
SBGR/GRU	STA	0735	ETA	0727	ONB		EST	LDG	0719	LDG	
	HRS	0935		0927	BLOCK					FLIGHT	



.....
ETOPS SUMMARY
.....

ETOPS ENTRY (SBSN) S0859.6 W05124.7 TIME 0649
ETOPS EXIT (SBBR) S0917.4 W05115.6 TIME 0652
.....

DIST	TIME	W/C	ICE	CFR	FOB	COND
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.....

ADDITIONAL ETOPS FUEL WITH ICING COND: 0
NON-ICING CORRECTION: 0
(IF NO ICING COND ANTICIPATED, NIC MAY BE SUBTRACTED FROM PLNTOF)
.....

E T O P S (330 MIN)
ENRTE ALTNS (WX/NOTAM SUITABILITY PERIOD)
SBSN (0449-1022)



AWY -BDRY	WAYPOINT MORA	AVTT W/V	SPD	GS TAS	FL TP	TMP	R/DST	MIN	ACC	ETO/ATO RF/FU
	KPHL/27L						4280/128			
		29/012								90.9/0.6
DCT	TOC 22		840		CLB	P03	4152/274	018	0018	.../...
		25/094								84.6/6.9
DCT -KZWW	BDRY 20		835	535	330		4026	014	0032	.../...
		24/092		490	461					82.6/9.0
DCT	KINER 20	120	835	535	330	-46	3878/129	017	0049	.../...
		24/092		490	461					80.1/11.4
L461	BOVIC 20	141	830	504	330	-41	3749/351	015	0104	.../...
		24/099		493	517					77.9/13.7
DCT	PIREX 20	159	830	480	330	-38	3398/157	044	0148	.../...
		24/070		496	533					71.4/20.1
L462	KOZIK 20	168	830	479	330	-39	3241/202	020	0208	.../...
		23/036		495	558					68.6/23.0
L462	TARMO 20	169	830	484	330	-38	3039/129	025	0233	.../...
		22/021		496	557					65.0/26.6
L462	ZABOR 20	169	830	490	330	-38	2910/52	016	0249	.../...
		17/006		496	559					62.7/28.8
L462 -TJZS	DAWIN 20	169	830	495	330	-38	2858/96	006	0255	.../...
		10/003		496	562					61.8/29.7
L462	NEYDU 20	169	830	493	330	-39	2762/59	012	0307	.../...
		09/009		495	563					60.2/31.4
L462 -TTZP	LAMKN 20	169	821	488	330	-39	2703/53	007	0314	.../...
		10/007		490	563					59.2/32.4
UL462	ANU 20	169	827	490	*340	-41	2650/54	007	0321	.../...
		09/008		491	558					58.2/33.4
UA312	PPR 24	163	820	485	*330	-39	2596/105	007	0328	.../...
		09/012		489	557					57.3/34.2
UA312	FOF 59	163	819	488	330	-39	2491/63	013	0341	.../...
		07/012		488	556					55.5/36.0
UA312	TOXUN 29	161	830	492	*350	-44	2428/297	008	0349	.../...
		06/011		490	556					54.3/37.2
UA312 -SYGC	DALGA 20	161	829	497	350	-44	2131/26	036	0425	.../...
		04/015		489	548					49.5/42.0
UA312	LEPOD 20	161	827	499	350	-44	2105/52	003	0428	.../...
		03/018		488	544					49.1/42.4
UA312	LOKIT 20	161	827	496	350	-44	2053/75	006	0434	.../...
		04/017		488	542					48.3/43.3
UA312	TIM 21	161	826	497	350	-44	1978/98	009	0443	.../...
		03/015		487	546					47.1/44.5



UA312	BDRY	825	494	350	1883	012	0455	.../...
-SMPM	23	03/012	487	544				45.6/46.0
UA312	KOXAM	158	825	494	350	-44	1880/194	000 0455 .../...
	23	03/012	487	544				45.5/46.0
UA312	TONOM	158	824	490	350	-44	1686/33	024 0519 .../...
-SBAZ	38	05/012	486	546				42.4/49.1
UL452	ESUNA	155	822	486	350	-43	1653/26	004 0523 .../...
	36	06/014	486	548				41.9/49.6
UL452	TIKBA	155	821	486	350	-43	1627/227	003 0526 .../...
	31	06/014	486	548				41.5/50.0
UL452	DARBU	155	821	485	350	-43	1400/60	028 0554 .../...
	35	06/012	485	548				37.9/53.6
UL452	TORAX	155	818	481	350	-43	1340/71	007 0601 .../...
	24	08/008	484	552				37.0/54.6
UL452	ELABI	155	818	477	350	-43	1269/32	009 0610 .../...
	25	10/010	483	544				35.8/55.7
UL452	PUMKU	155	817	472	350	-43	1237/99	004 0614 .../...
	27	14/011	483	536				35.3/56.2
UL452	RONUB	155	816	474	350	-43	1138/102	013 0627 .../...
	35	14/009	483	537				33.8/57.8
UL452	TOPUR	155	815	472	350	-43	1036/16	013 0640 .../...
	35	14/010	482	530				32.1/59.4
UL452	IBDAN	155	814	470	350	-43	1020/157	002 0642 .../...
	34	14/011	481	524				31.9/59.6
UL452	*ENTRY	814	470	350	962	007	0649	.../...
	38	16/010	480	523				31.0/60.6
UL452	*EXIT	814	470	350	942	003	0652	.../...
	38	16/010	480	523				30.7/60.9
UL452	VUMON	153	814	470	350	-44	863/42	010 0702 .../...
-SBBS	38	16/010	480	523				29.4/62.1
UL452	PAMOV	152	812	471	350	-44	821/121	005 0707 .../...
	28	20/011	479	528				28.8/62.7
UL452	KORVO	151	827	474	*370	-49	700/142	016 0723 .../...
	36	22/022	482	536				26.7/64.8
UL452	ILKUS	151	825	476	370	-50	558/21	018 0741 .../...
	65	24/027	480	530				24.6/66.9
UZ38	GEKON	157	815	475	*360	-48	537/39	003 0744 .../...
	58	25/027	477	515				24.3/67.2
UZ38	MUDBI	157	815	475	360	-48	498/38	005 0749 .../...
	66	25/031	477	510				23.8/67.8



UZ38	MULUV	157	815	474	360	-48	460/68	005	0754	.../...
	59	25/031		476	510					23.2/68.3
UZ38	ENRUR	160	814	473	360	-48	392/91	008	0802	.../...
	56	25/040		476	503					22.2/69.4
UZ38	EGDUP	160	813	475	360	-48	301/52	012	0814	.../...
	54	25/041		476	487					20.8/70.7
UZ38	NISNI	159	812	474	360	-49	249/63	006	0820	.../...
	64	25/053		474	482					20.1/71.5
UZ38	ROBAG	159	812	479	360	-48	186/10	008	0828	.../...
	64	26/060		474	485					19.2/72.4
UZ38	VIANA	158	811	480	360	-48	176/38	001	0829	.../...
	64	26/059		474	485					19.0/72.5
UZ38	EVPOM	193	811	445	360	-48	138/11	006	0835	.../...
	64	26/059		474	485					18.4/73.1
UZ38	TOD	193	811	432	360	-49	127/40	001	0836	.../...
	64	25/070		473	495					18.2/73.3
UZ38	VUNOX		310				DSC P14 087/14	006	0842	.../...
	75	26/035								18.0/73.5
SANPA1A	GR259		310				DSC P13 073/14	002	0844	.../...
	75	27/035								18.0/73.6
SANPA1A	GR262		310				DSC P15 059/29	002	0846	.../...
	75	28/028								17.9/73.6
SANPA1A	SANPA		310				DSC P15 030/04	005	0851	.../...
	74	33/022								17.8/73.8
SANPA1A	GR283		310				DSC P15 026/12	001	0852	.../...
	63	35/018								17.7/73.8
SANPA1A	LOMEN		310				DSC P14 014/14	001	0853	.../...
	54	02/015								17.7/73.9
SANPA1A	SBGR/10R						DSC 000	006	0859	.../...
	53	01/010								17.3/74.2



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

CLIMB		TOC		KINER		BOVIC	
350	244/099	-52	370 243/103	-54	370 244/112	-49	370 245/103 -48
310	245/088	-44	350 244/099	-52	350 244/105	-46	350 243/101 -43
200	254/063	-20	330 245/094	-48	330 244/097	-43	330 242/099 -39
150	267/045	-10	310 245/088	-44	310 247/085	-40	310 241/096 -36
100	278/037	-03	290 245/084	-39	290 249/075	-36	290 242/092 -32
PIREX		KOZIK		TARMO		ZABOR	
370	240/031	-48	370 236/032	-49	370 219/012	-49	370 282/001 -49
350	243/033	-44	350 231/033	-44	350 226/010	-44	350 123/003 -44
330	242/035	-39	330 227/033	-39	330 220/010	-38	330 125/008 -38
310	238/039	-34	310 225/034	-34	310 202/011	-33	310 128/012 -33
290	235/039	-29	290 225/033	-29	290 195/013	-28	290 135/016 -28
DAWIN		NEYDU		LAMKN		ANU	
370	157/005	-49	370 094/007	-49	370 084/006	-49	380 082/011 -52
350	140/002	-44	350 082/009	-44	350 083/007	-44	360 083/010 -47
330	100/003	-38	330 090/009	-39	330 096/007	-39	340 085/008 -41
310	098/007	-33	310 118/009	-34	310 120/008	-34	320 103/007 -36
290	110/010	-28	290 130/011	-29	290 124/010	-29	300 123/007 -31
PPR		FOF		TOXUN		DALGA	
370	081/013	-49	370 068/015	-49	390 060/014	-54	390 031/015 -54
350	087/013	-44	350 069/014	-44	370 060/013	-49	370 032/017 -49
330	091/012	-39	330 066/013	-39	350 061/011	-44	350 031/018 -44
310	093/011	-34	310 059/015	-34	330 061/011	-39	330 032/020 -38
290	090/012	-28	290 064/016	-28	310 060/015	-33	310 035/024 -33
LEPOD		LOKIT		TIM		KOXAM	
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	350 029/015	-44	350 033/012 -44
330	032/020	-38	330 044/018	-38	330 030/015	-38	330 033/013 -38
310	035/024	-33	310 041/021	-33	310 030/016	-33	310 039/013 -33
TONOM		ESUNA		TIKBA		DARBU	
390	046/003	-54	390 120/011	-54	390 120/011	-54	390 080/007 -54
370	053/008	-49	370 089/011	-49	370 089/011	-49	370 067/008 -49
350	059/014	-44	350 064/014	-43	350 065/014	-43	350 059/009 -44
330	068/017	-38	330 064/016	-38	330 064/016	-38	330 072/009 -38
310	080/020	-33	310 082/017	-32	310 082/016	-32	310 098/011 -32
TORAX		ELABI		PUMKU		RONUB	
390	053/007	-54	390 082/008	-54	390 106/010	-54	390 134/008 -54
370	063/007	-49	370 089/009	-49	370 119/010	-49	370 133/009 -49
350	085/007	-43	350 101/010	-43	350 139/011	-43	350 136/009 -43
330	100/010	-38	330 110/012	-38	330 132/012	-38	330 129/011 -38
310	107/014	-33	310 115/015	-33	310 108/014	-33	310 118/014 -33



TOPUR		IBDAN		VUMON		PAMOV	
390	166/011 -54	390	166/011 -54	390	200/022 -54	390	210/022 -54
370	152/011 -49	370	152/011 -49	370	194/017 -49	370	205/017 -49
350	139/011 -43	350	139/011 -43	350	183/012 -44	350	195/012 -44
330	128/010 -38	330	128/010 -38	330	170/007 -39	330	195/008 -39
310	118/008 -33	310	118/008 -33	310	130/002 -33	310	219/008 -34
KORVO		ILKUS		GEKON		MUDBI	
410	219/036 -60	410	228/037 -61	400	233/034 -58	400	228/036 -58
390	225/032 -55	390	240/031 -56	380	243/029 -53	380	237/030 -53
370	229/027 -50	370	244/028 -50	360	245/027 -48	360	246/031 -48
350	233/022 -44	350	246/025 -45	340	247/024 -42	340	255/033 -43
330	240/017 -39	330	251/022 -39	320	254/020 -37	320	261/028 -37
MULUV		ENRUR		EGDUP		NISNI	
400	228/036 -58	400	239/046 -59	400	249/050 -60	400	253/059 -60
380	236/030 -53	380	242/039 -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	254/033 -43	340	253/042 -43	340	249/040 -42	340	247/053 -43
320	261/028 -37	320	257/038 -38	320	260/038 -37	320	250/051 -38
ROBAG		VIANA		EVPOM		TOD	
400	259/064 -59	400	259/064 -59	400	259/064 -59	400	253/071 -60
380	260/062 -54	380	260/062 -54	380	259/062 -54	380	250/070 -55
360	257/059 -48	360	257/059 -48	360	257/059 -48	360	250/070 -49
340	254/057 -43	340	254/057 -43	340	254/057 -43	340	251/069 -44
320	256/053 -38	320	256/053 -38	320	256/053 -38	320	256/059 -39
DESCENT							
350	251/068 -47						
310	260/054 -36						
200	274/035 -11						
150	292/027 -01						
100	311/022 +10						



[ATC Flight Plan]

FF KZDCZQZX KZNYZQZX KZWYZQZX TJZSZQZX TTZPZQZX SYGCZQZX SMPMZQZX
SBAZZQZX SBBSZQZX
EDDTSBAB
(FPL-TCC221D-IS
-B77W/H-SDE1FGHIJ1M1RWXY/LB2D1
-KPHL2200
-N0490F330 DCT KINER/M083F330 L461 BOVIC DCT PIREX L462
DAWIN/N0495F330 L462 LAMKN/N0491F340 UL462 ANU/N0489F330 UA312
FOF/N0490F350 UA312 TONOM UL452 PAMOV/N0482F370 UL452
ILKUS/N0477F360 UZ38 VUNOX SANPA1A
-SBGR0859 SBKP
-PBN/A1B1C1D1L101S2 D0F/251101 REG/PJTGH EET/KZNY0013 KZWY0032
TJZS0255 TTZP0314 SYGC0425 SMPM0455 SBAZ0519 SBBS0702 SEL/EGAS
CODE/48417D OPR/TCC RALT/SBSN RVR/075 RMK/TCAS)



[Additional Info]

D I S P A T C H B R I E F I N G I N F O TCC221D KPHL/SBGR



[Runway Analysis]

TAKEOFF AND LANDING REPORT TCC 221D KPHL-SBGR 01NOV25
 TLR-1 SEQ-151429112 01NOV25 2029Z
 A/C PJ-TGH B777-300ER GE90-115BL BEW/CG 168591/.....

/// TAKEOFF DATA ///

APT	PRWY	POAT	PWIND	PQNH	PMRTW	FLP	MT	V1	VR	V2	PTOW	MFPTW	LIMIT
KPHL	27L	17.0	272M05	29.99	3515	5	48	70	75	83	3020	3249	AFM

RMKS D-TO - SEL TEMP 48
 BLEEDS ON

RWY	OAT	WIND	QNH	MRTW	FLP	V1	VR	V2	PWR	CONFIG/CONDITION
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ACARS RUNWAYS										
RWY	ACARS	LENGTH	PMTOW	NOTES						
08		5001	----							
09L		9500	3195	ILS 108.95						
09R		12000	3398	ILS 109.30						
17		6500	2749	ILS 108.75						
26		5001	2354	ILS 111.55						
27L		12000	3515	ILS 109.30						
27R		9500	3099	ILS 108.95						
35		6500	2810							

DRY RWY - PTOW - CALM WIND										
RWY	MTOW	MT	CONFIG	FLP	V1	VR	V2	LIMIT		
08	1914	--		---	---	---	---	FLD		
09L	3160	33	D-T01 - BLEEDS ON	20	156	156	164	FLD		
09R	3505	48	D-T0 - BLEEDS ON	5	170	175	183	FLD		
17	2780	--		---	---	---	---	FLD		
26	2262	--		---	---	---	---	FLD		
27L	3482	47	D-T0 - BLEEDS ON	5	170	175	183	FLD		
27R	3150	32	D-T01 - BLEEDS ON	20	156	156	164	FLD		
35	2794	--		---	---	---	---	FLD		

DRY RWY - PTOW PLUS 8000 - CALM WIND										
RWY	MTOW	MT	CONFIG	FLP	V1	VR	V2	LIMIT		
08	1914	--		---	---	---	---	FLD		
09L	3318	36	D-T0 - BLEEDS ON	15	159	166	174	FLD		
09R	3505	44	D-T0 - BLEEDS ON	5	172	177	185	FLD		
17	2780	--		---	---	---	---	FLD		
26	2262	--		---	---	---	---	FLD		
27L	3482	44	D-T0 - BLEEDS ON	5	171	177	185	FLD		
27R	3307	36	D-T0 - BLEEDS ON	15	159	166	174	FLD		
35	2794	--		---	---	---	---	FLD		



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----- WET RWY - PTOW - CALM WIND -----
RWY      MTOW MT CONFIG      FLP  V1  VR  V2  LIMIT
08      -----
09L      3226 37 D-T0 - BLEEDS ON      15 150 163 172 FLD
09R      3426 45 D-T0 - BLEEDS ON      5  162 175 182 FLD
17      2666 --                      --- --- --- --- FLD
26      1921 --                      --- --- --- --- VMC
27L      3403 43 D-T0 - BLEEDS ON      5  162 175 182 FLD
27R      3222 36 D-T0 - BLEEDS ON      15 151 163 172 FLD
35      2692 --                      --- --- --- --- FLD

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----- WET RWY - PTOW PLUS 8000 - CALM WIND -----
RWY      MTOW MT CONFIG      FLP  V1  VR  V2  LIMIT
08      -----
09L      3226 33 D-T0 - BLEEDS ON      15 152 165 174 FLD
09R      3168 30 D-T01 - BLEEDS ON      5  164 177 183 FLD
17      2666 --                      --- --- --- --- FLD
26      1921 --                      --- --- --- --- VMC
27L      3515 47 D-T0 - BLEEDS ON      15 156 167 174 AFM
27R      3222 32 D-T0 - BLEEDS ON      15 152 165 174 FLD
35      2692 --                      --- --- --- --- FLD

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/// LANDING DATA ///

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APT  PRWY  POAT PWIND  PQNH  PMRLW FLP  PLDW  LIMIT
SBGR 10R   22.0 102M04 1016  2513  30  2284  AFM

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RMKS NONE

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----- ACARS RUNWAYS -----
RWY      ACARS  LENGTH PMRLW NOTES
10L      11844  2513 ILS 110.70
10R      9843   2513 ILS 111.70
28L      9843   2513 ILS 111.10
28R      11942  2513 ILS 111.90

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----- FLAPS 30 - PACKS ON - NO ENROUTE ICING -----
DRY RWY / WET RWY
      10L      10R      28L      28R
OAT    11844 FT    9843 FT    9843 FT    11942 FT
17     2513A/2513A 2513A/2513A 2513A/2513A 2513A/2513A
/ 22   2513A/2513A 2513A/2513A 2513A/2513A 2513A/2513A
27     2513A/2513A 2513A/2513A 2513A/2513A 2513A/2513A
HW/10KT 0/ 0      0/ 0      0/ 0      0/ 0
TW/10KT 0/ 0      0/ 0      0/ 0      0/ 0

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----- LANDING DISTANCE - FLAPS 30 - MAX MANUAL BRAKING -----
              ACTUAL              FACTORED
      LDW      VREF      DRY      WET      DRY      WET
      2240      141      3466      4834      4748      6321
      2280      142      3513      4899      4819      6413
/  2320      143      3564      4971      4895      6512
      2360      145      3615      5042      4971      6612
      2400      146      3667      5115      5048      6713
HW/KT                      -21      -30      -24      -34
TW/KT                      63       88       93      122
  
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END TAKEOFF AND LANDING REPORT TCC 221D KPHL-SBGR 01NOV25



[Weather]

KPHL --> SBGR TCC 221D / 01NOV2025
LIDO/WEATHER SERVICE DATE : 01Nov2025 TIME : 20:29 UTC

AIRMETs:
No Wx data available

SIGMETs:

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=

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 SBAZ - SBAZ 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 SBAZ - SBAZ 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 SBAZ - SBAZ 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 SBAZ - SBAZ 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=
 KZWI NEW YORK OCEANIC FIR/UIR
 WS SIGMET SIGA0A KZWI KZMA SIGMET ALFA 6 VALID 011918/012318
 KZWI- 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 SIGA0B KZWI KZMA TJZS SIGMET BRAVO 5 VALID
 011923/012323 KZWI- 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.=

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

Critical ETOPS Airports:



SBSN/STM MAESTRO WILSON FONSECA INTL
SA 012000Z 05006KT 9999 FEW023 FEW030TCU 33/24 Q1007
FT 011623 0118/0218 09010KT 9999 FEW020 TX33/0118Z TN26/0209Z
TEMPO 0118/0122 09005KT 8000 SCT023 FEW030TCU
BECMG 0122/0124 09005KT
TEMPO 0200/0208 16005KT
BECMG 0208/0211 09010KT 8000 SCT020 FEW025TCU
RMK PHC

Departure:

KPHL/PHL PHILADELPHIA INTL
SA 011954Z 30014G23KT 10SM SCT060 BKN250 17/01 A2999 RMK A02
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: 2511012200 - 2511021031 STD(EOBT)+TRIP+ALTN+3HRS
TCC 221D /01NOV OFP-NR: 1/0/1
ROUTE: KPHL - SBGR ALTN: SBKP
N0490F330 DCT KINER/M083F330 L461 BOVIC DCT PIREX L462
DAWIN/N0495F330 L462 LAMKN/N0491F340 UL462 ANU/N0489F330 UA312
FOF/N0490F350 UA312 TONOM UL452 PAMOV/N0482F370 UL452
ILKUS/N0477F360 UZ38 VUNOX SANPA1A

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DEPARTURE AIRPORT - DETAILED INFO

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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. VISIBILITY 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

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DESTINATION ALTERNATE AIRPORT(S)

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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

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ETOPS SUITABLE ENROUTE AIRPORTS(S)
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SBSN/STM MAESTRO WILSON FONSECA INTL

+++++ AIRPORT +++++

00947/25 VALID: 02-NOV-25 0900 - 02-NOV-25 2300
APRON 1 AREA PRKG PROHIBITED MILITARY ACFT AND GENERAL AVIATION
WITHOUT PRIOR COOR BY PHONE +55 (61) 98100-2238
00943/25 VALID: 02-NOV-25 0200 - 02-NOV-25 0900
AREA PRKG PATIO 2 PROHIBITED MILITARY ACFT AND GENERAL AVIATION
WITHOUT PRIOR COOR BY PHONE +55 (61) 98100-2238
00823/25 VALID: 09-OCT-25 1345 - 06-JAN-26 1500
VOR STM FREQ 112.30MHZ U/S
00735/25 VALID: 18-SEP-25 1726 - 17-NOV-25 1600
OBST LGT TOWER COORD 022541S0544729W ALT 130.15M (427FT) U/S
00664/25 VALID: 22-AUG-25 1714 - 18-NOV-25 1700
DME STM CH70X U/S

+++++ RUNWAY +++++

00811/25 VALID: 07-OCT-25 0745 - 22-NOV-25 1630
OCT 07 TIL NOV 08 MON TUE THU 0745-1630 WED FRI 1020-1600 SAT
0745-1630 NOV 22 0745-1630
RWY 10/28 CLSD DUE TO WIP.
RMK: OPS LDG TKOF MAY BE AUTH DURING THE WORK ACTIVATION PERIOD
PPR OPR WITH THE AD ADMINISTRATOR BY PHONE +55 (11) 91935-1475.
RMK: THIS AERONAUTICAL INFORMATION TEMPORARILY REPLACES AN AIP
SUP. REF: SUP AIRAC A112/25 AND 112/25 (E-AIP)
00720/25 VALID: 08-SEP-25 1745 - 12-NOV-25 1019
SEP 08/09 1745-0744 09/10 TIL NOV 11/12 MON/TUE SAT/SUN 1631-0744
TUE/WED THU/FRI 1631-1019 WED/THU FRI/SAT 1601-0744 SUN/MON
0745-0744
RWY CLSD: 1- RWY 10 LAST 213M CLSD LDG/TKOF 2- RWY 28 FST 213M
CLSD TKOF 3- RWY 28 CLSD LDG
00719/25 VALID: 08-SEP-25 1740 - 12-NOV-25 1019
SEP 08/09 1740-0744 09/10 TIL NOV 11/12 MON/TUE SAT/SUN 1631-0744
TUE/WED THU/FRI 1631-1019 WED/THU FRI/SAT 1601-0744 SUN/MON
0745-0744
DECLARED DIST RWY 10/28 CHANGED TO:
TORA TODA ASDA LDA
RWY 10: 2187M 2187M 2187M 2187M
RWY 28: 2097M 2097M 2097M 0M

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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 1301 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.
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
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 (DQ0) 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/AIRCRAFTS 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 (DQ0) VORTAC, DE R-181 TO SMYRNA (ENO) VORTAC, DE RESTRICTION CANCELLED DUPONT R-181 UNUSABLE BELOW 10000 USE SYMRNA R-360.

DQ0 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/AIRCRAFTS 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 MULTI/PULUV CLSD. ACFT MUST REP MULTI
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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EXTENDED AREA AROUND ETOPS SUITABLE AIRPORTS(S)
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SBAZ AMAZONICA FIR

00754/25 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
00876/25 VALID: 20-OCT-25 1728 - 14-JAN-26 2359



RNAV RTE UZ2 STAGE ENRUS/ISURI MNM LEVEL CHANGED TO FL260

F) FL260 G) UNL

00868/25 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

00749/25 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

00839/25 VALID: 12-OCT-25 0110 - 08-JAN-26 2359

NDB OIA FREQ 340KHZ U/S

00824/25 VALID: 09-OCT-25 1348 - 06-JAN-26 1500

VOR STM FREQ 112.30MHZ U/S

00822/25 VALID: 09-OCT-25 1333 - 05-JAN-26 2300

VOR CZS FREQ 112.00MHZ U/S

00787/25 VALID: 01-OCT-25 1335 - 30-DEC-25 1800

VOR YTZ 112.700MHZ U/S

00757/25 VALID: 25-SEP-25 1233 - 18-DEC-25 2100

DME MRB CH84X U/S

00710/25 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

00663/25 VALID: 22-AUG-25 1712 - 18-NOV-25 1700

DME STM CH70X U/S

00642/25 VALID: 18-AUG-25 1649 - UFN

VOR ATM FREQ 113.200 MHZ WITHDRAWN.

REF: AIP ENR 4.1 ENR 6 ENRC L7/H7

00454/25 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

00116/25 VALID: 26-FEB-25 1122 - UFN

DME PUI (APUI) FREQ 113.00MHZ/CH77X INSTL. REF: AIP ENR 4.1, ENR 6
ENRC L9/H9

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

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

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

F) FL055 G) UNL

END PART 3 OF 3

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 MUNEE 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.



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

A1712/25 VALID: 02-NOV-25 0500 - 02-NOV-25 0603
ZWW AIRSPACE DCC EROP X3375 F9 BANDWAGON-4 AREA B STNR
ALT RESERVATION WI AN AREA DEFINED AS 274800N0773900W TO
281000N0773300W TO 281100N0762700W TO 275100N076000W 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
ZWW 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

ZWW 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:KNYCZZX. 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-FIPEK.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-FIPEK.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/TFFR 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

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

SBBS BRASILIA FIR/UIR

Please see section EXTENDED AREA AROUND DESTINATION



[Crew Alert & Bulletin]

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CREW ALERT

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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.

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CREW BULLETIN

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NIL

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

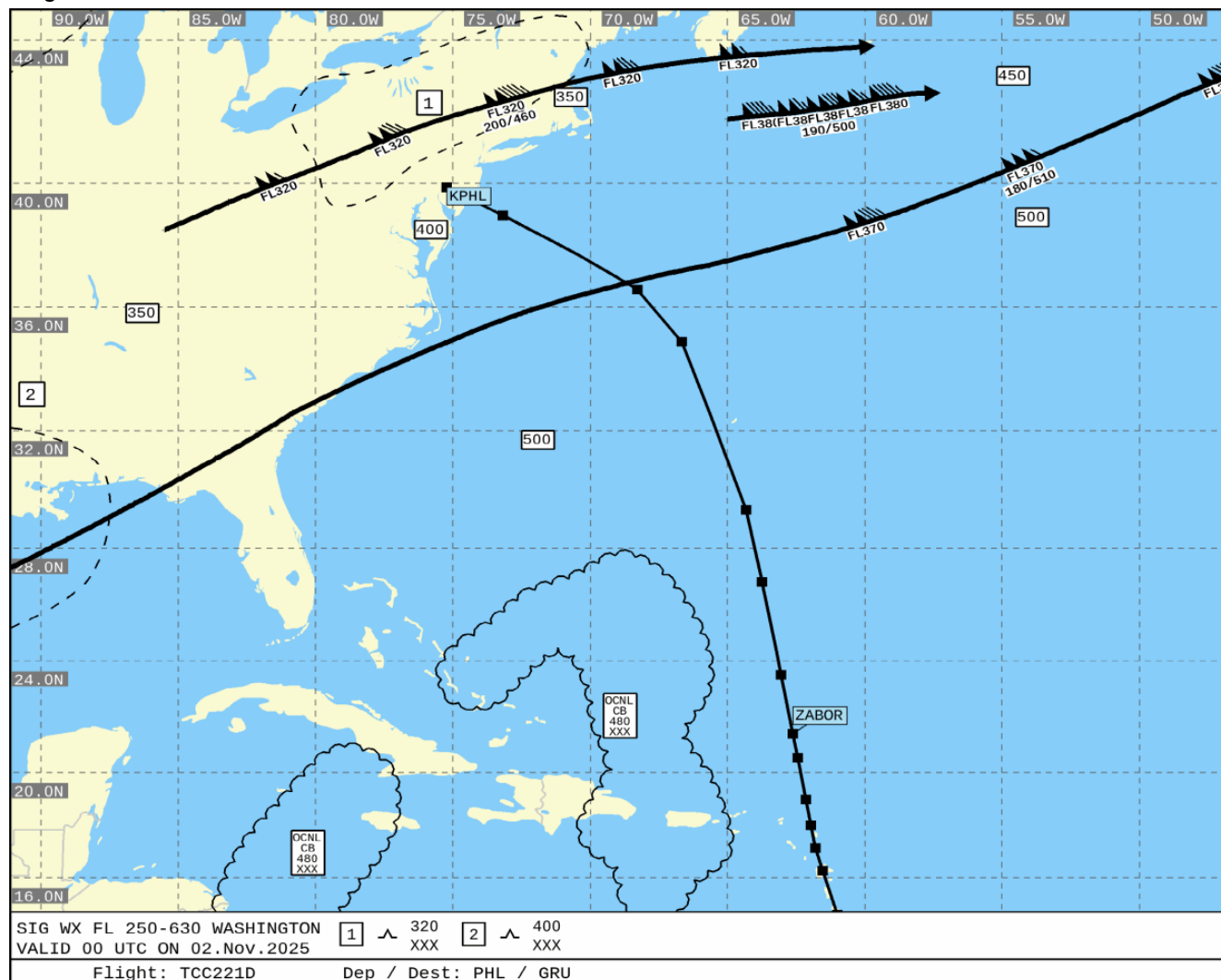


Route



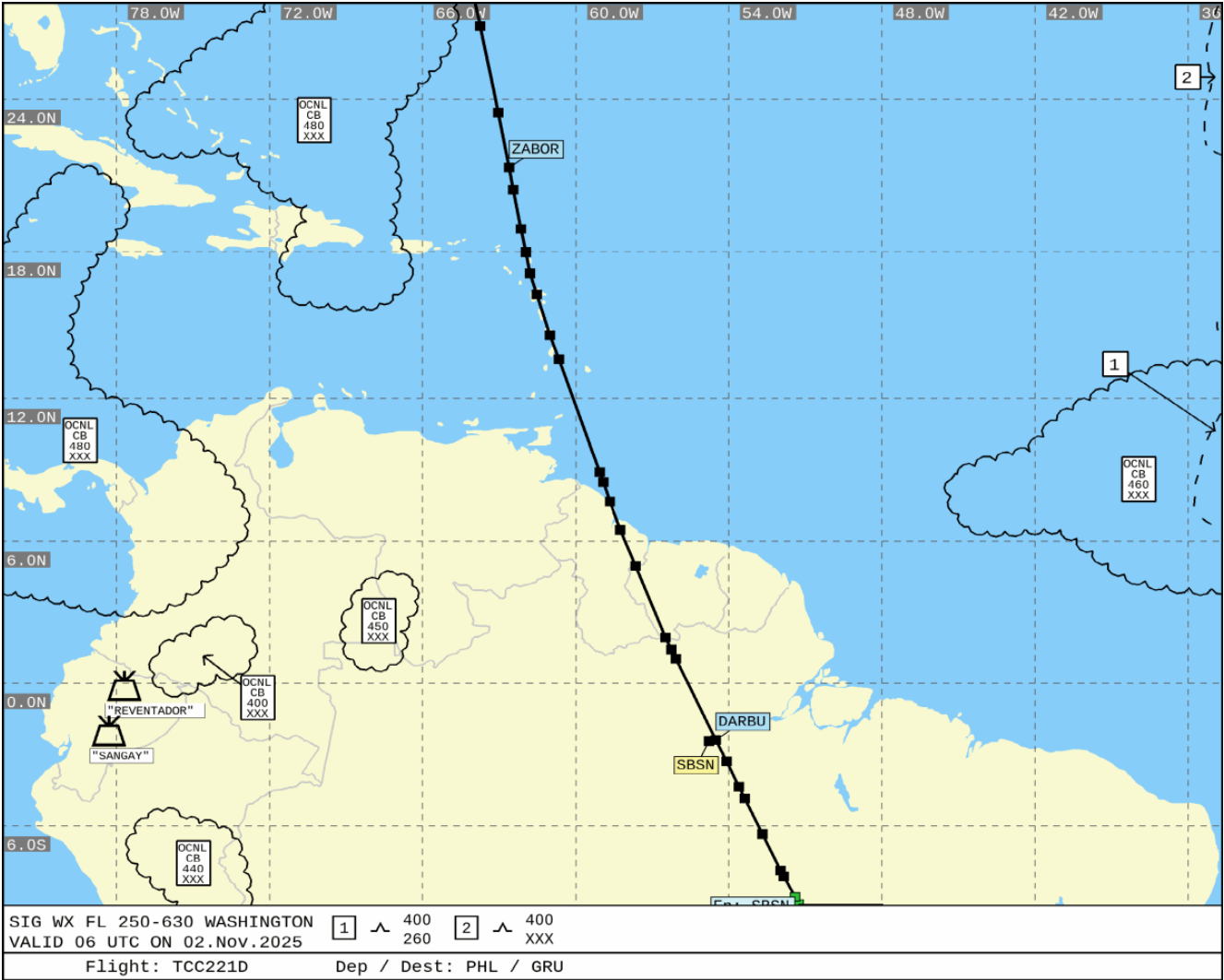


SigWx 1 of 3



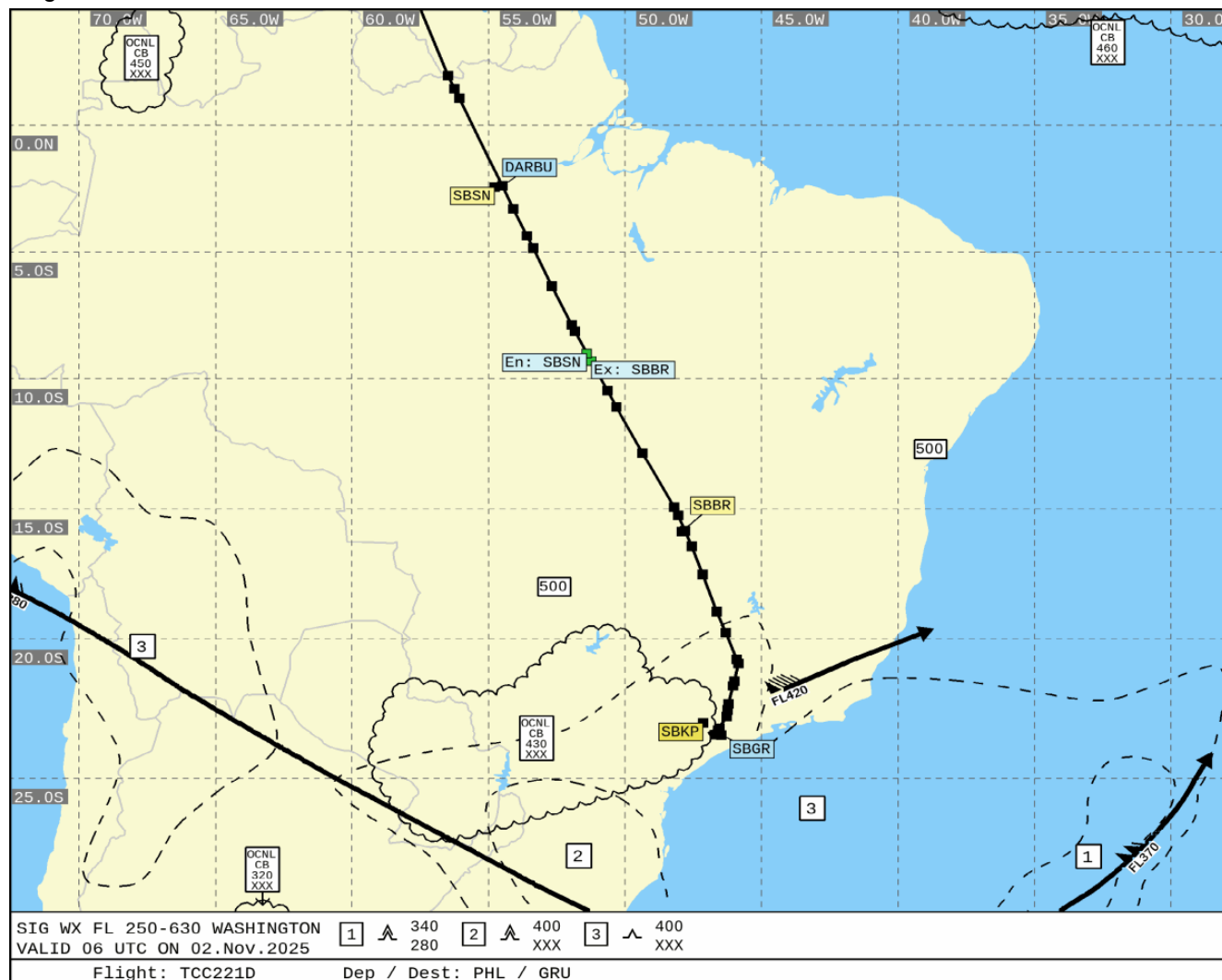


SigWx 2 of 3



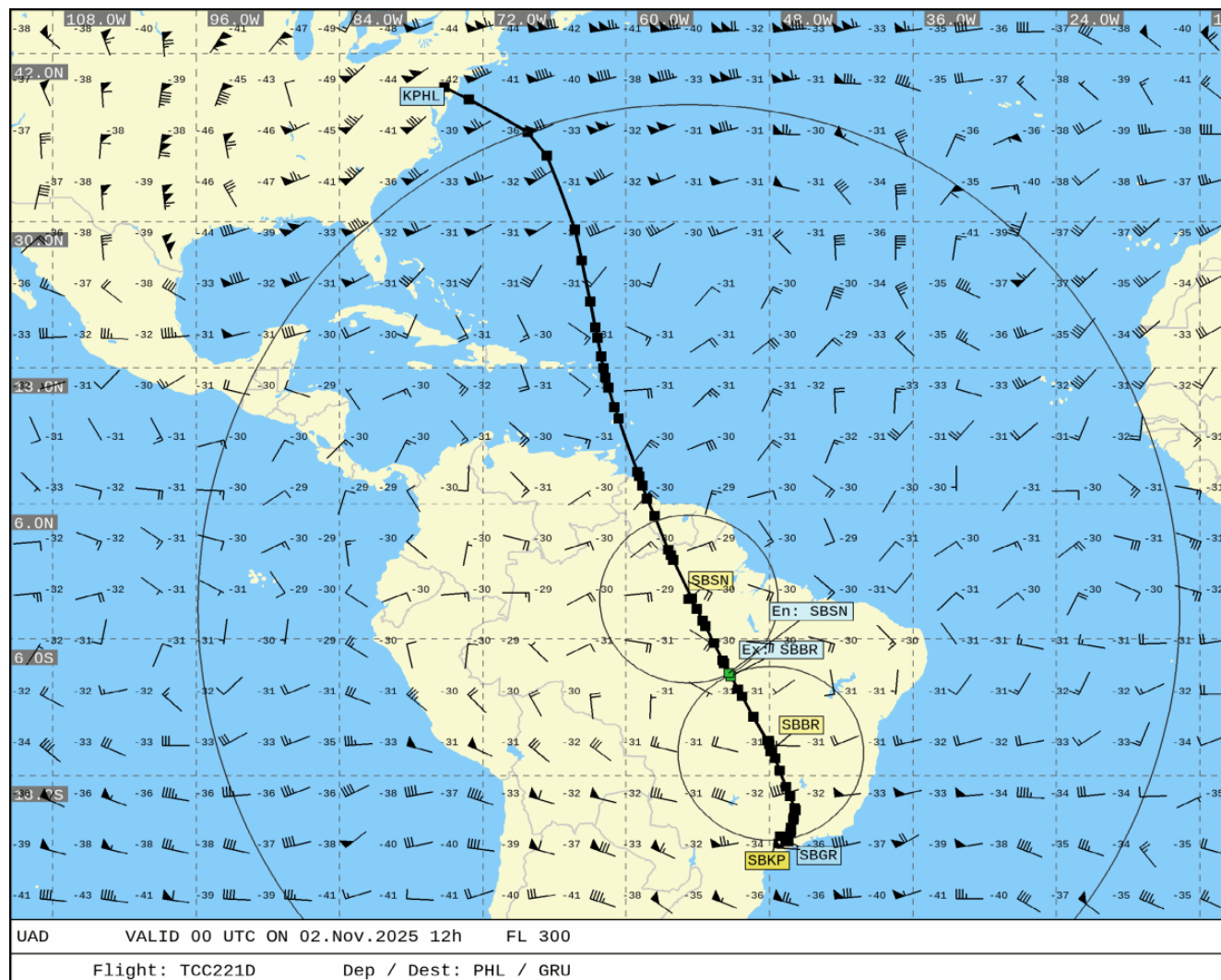


SigWx 3 of 3



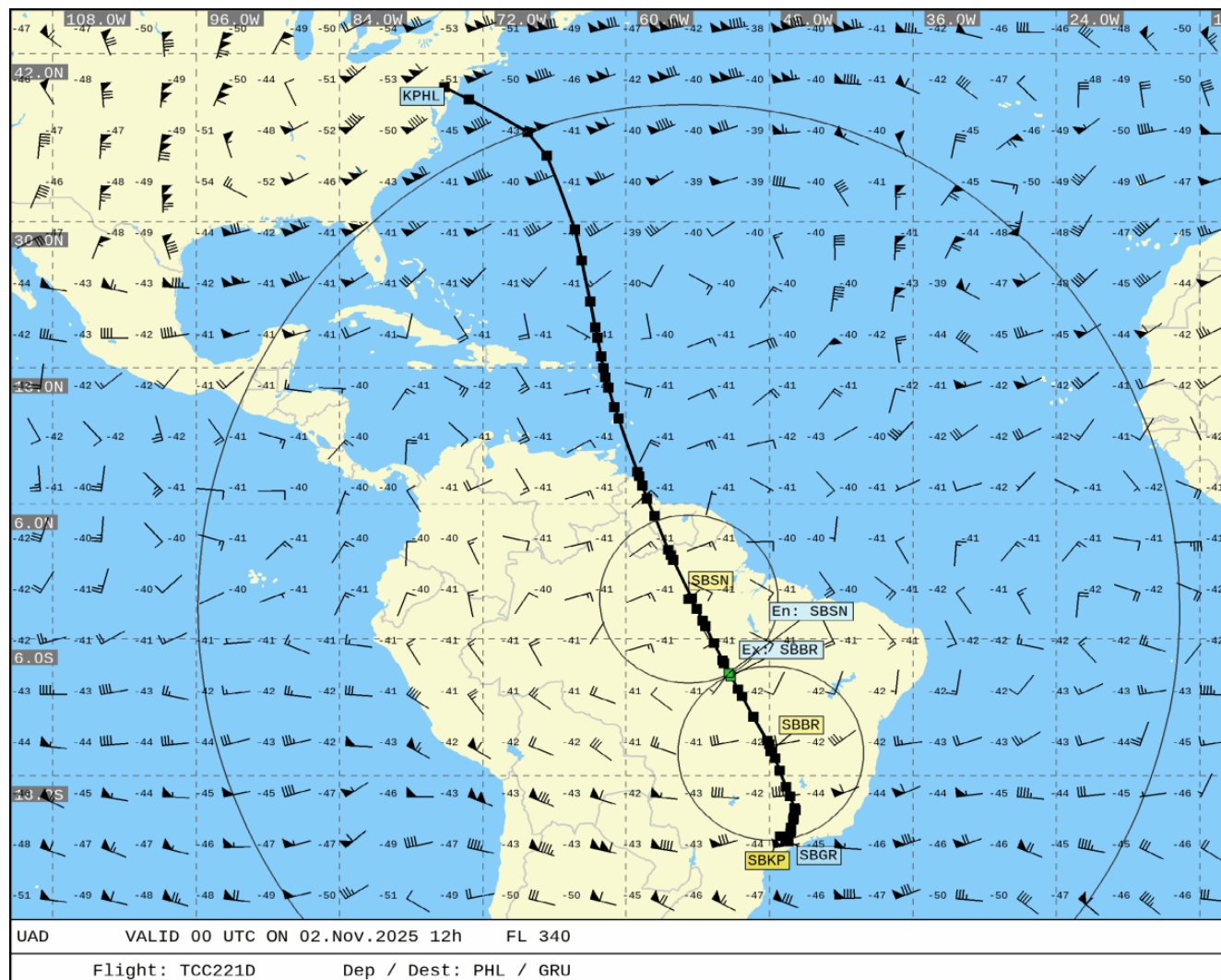


UAD 1 of 3



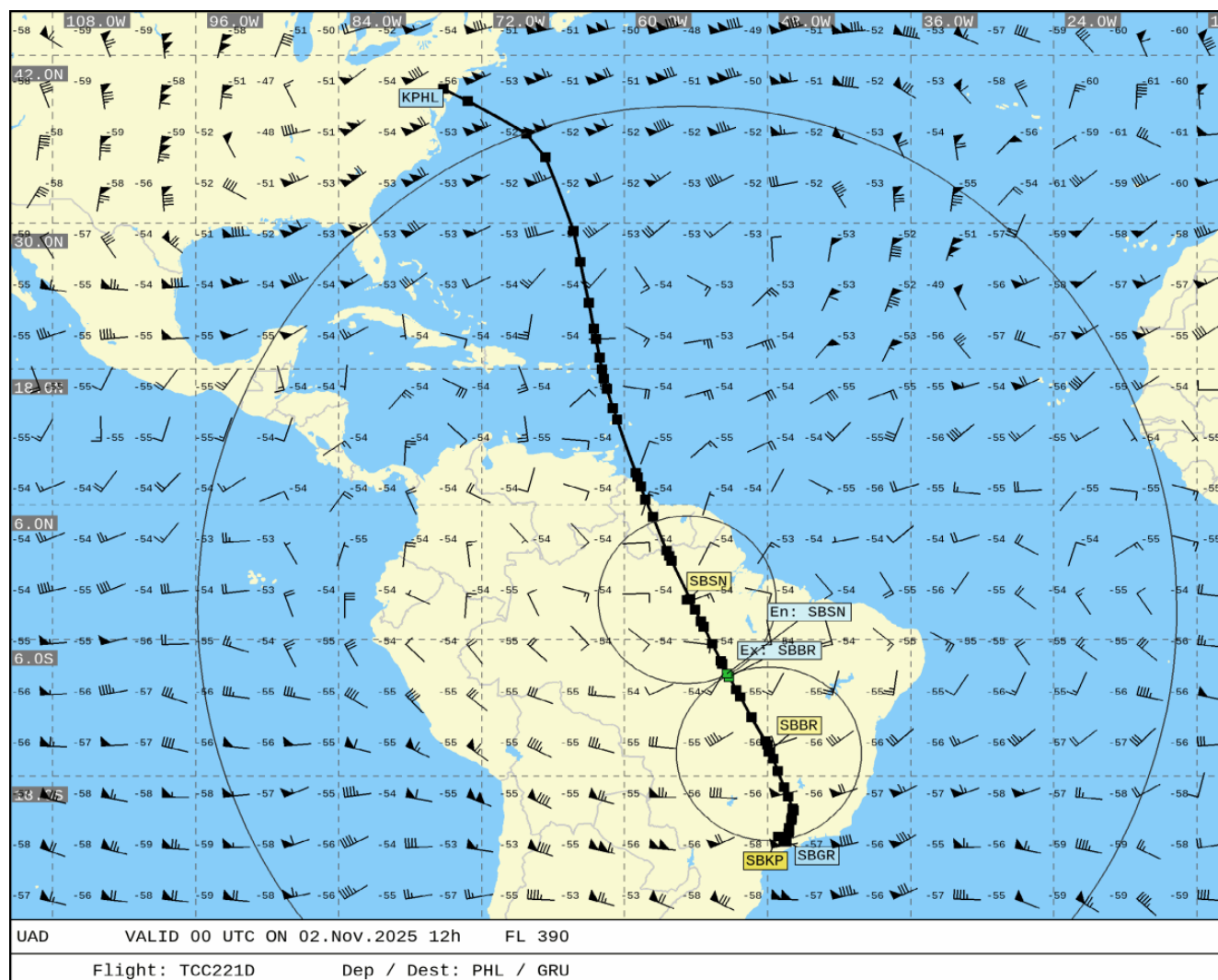


UAD 2 of 3





UAD 3 of 3





Vertical profile

