



Tradewind VA



Flight Briefing Package

TCC220D KIAH-SBGR

09-Nov-2019 #1

RELEASE #1

GEORGE BUSH INTERCONTINENTAL/H
(UNITED STATES)

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GUARULHOS-GOV ANDRE FRANCO MON
(BRAZIL)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

09 NOV 1950 UTC

Fuel Planning (lb)	EU-OPS	Fuel	Time
TRIP		100.009	09:11
CONT 5%		5.000	00:35
HOLD	SBGR	2.846	00:20
ALTN	SBKP	2.480	00:15
FINAL RESV		4.276	00:30
ADD FUEL		1.929	00:12
MIN T/O		116.540	11:03
EXTRA		2.134	00:15
TAXI		795	00:15
RELEASE	KIAH	119.469	11:33
ARR FUEL	SBGR	18.241	01:59

Load Planning (lb)	N78901	Plan	Limit
Empty Weight		288.021	
Payload	251+0 Pax	52.208	
Zero Fuel Weight	Limit	340.229	400.000
Fuel		119.469	218.676
Ramp Weight		459.698	547.000
Take-Off Weight KIAH		458.903	545.000
Landing Weight SBGR		358.894	425.000
Underload		59.771	Lim ZFW
Max Extra Fuel		66.106	Lim CAP

Cost Planning		
Flight Time	09:11\$	46.098
Fuel	101.228\$	32.437
Total	\$	78.535
Per Pax	\$	313
Per 10.000 lb Payload	\$	15.043

TRADEWIND ALASKA FLIGHTPLAN - IFR TCC220D N78901 KIAH-SBGR

ALL WEIGHTS IN POUNDS (LB)

STD 09NOV/2225Z

OFP 1 - PREPARED 09NOV/1950Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR220D/TCC220D N78901/B789-1B74-75 SEL/AHBF ROUTE: KIAHSBGR01

DEP: KIAH/IAH 15L ELEV 96 FT COST INDEX: 200 TTL G/C DIST: 4274 NM
ARR: SBGR/GRU 09R ELEV 2461 FT INIT ALT: FL390 TTL F/P DIST: 4589 NM
FUEL BIAS: 100.0% TTL AIR DIST: 4381 NM
AVG WIND CMP: TL023 KT

ALT: SBKP/VCP 15 ELEV 2170 FT 61 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	288021	251	0	52208	59771 ZFW	MAX 400000	545000	425000
						PLN 340229	458903	358894
						ACT .....	.....	.....

	FUEL	CORR	ENDUR	
TRIP	100009	.....	09:11	
CONT 5%	5000	.....	00:35	
ALTN SBKP	2480	.....	00:15	
FINAL RESV	4276	.....	00:30	
HOLD	2846	.....	00:20	
ADD FUEL	1929	.....	00:12	
MIN T/O	116540	.....	11:03	.....
EXTRA	2134	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	795	.....	00:15	
RELEASE	119469	.....	11:33	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	18241	.....	01:59	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 218676 LB / MAX EXTRA FUEL 68240 LB LIM BY CAPACITY
TRIP CORR FOR 10000 LB TOW INCR: +2421 LB / 10000 LB TOW DECR: -1944 LB
2000 FT LOWER: +1074 LB / EET 09:03 CLB: 250/310/85 DES: 85/310/250

KIAH	STD 22:25Z/16:25L	ETD 22:25Z	ACT OFBL	EST T/O 22:40Z	ACT T/O
SBGR	STA 08:40Z/05:40L	ETA 07:59Z	ACT ONBL	EST LDG 07:51Z	ACT LDG
	SKD 10:15	PLN 09:34	TTL BLCK	EST FLT 09:11	TTL FLT

ATC ROUTE: N0481F390 MMUGS4 LLA DCT LEV Y280 CHRGE DCT BAGGS Y290 HAGIT Y421
GEECE UL776 TIR/N0483F410 UL776 VARSO UZ26 BSI UZ6 NIMKI UZ38 MOXEP
MOXE1A

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
SBKP/15	61	FL120	072	HD007	00:15	2480	-	IVRA2B BCO DCT CPN

MOST CRITICAL MORA 17200 FT AT MEEGL

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
-FIR	NAME		ISA	WND/SPD	GS	REM	POSITION		ETO / ATO		
	KIAH/15L		96	032				118.7 / 0.8			
	GEORGE BUSH INTERCON						4589	N2959.3 W09521.5	/.....		
MMUGS4	TTAPS	132	*CLB	032		9		116.8 / 2.6	03 00.03		
			P05	294/012			4581	N2953.3 W09514.4	/.....		
MMUGS4	BOTLL	123	*CLB	032		7		116.1 / 3.4	01 00.04		

				P10 311/009	4574	N2949.4	W09508.1	/.....
MMUGS4	MMUGS	091	*CLB 032	8	115.3 / 4.1	01	00.05	
			P11 311/011	4566	N2949.1	W09459.0	/.....	
MMUGS4	GRAYN	098	*CLB 032	14	114.3 / 5.2	03	00.08	
			P10 308/017	4552	N2946.6	W09443.0	/.....	
MMUGS4	YOKEM	098	*CLB 032	20	113.0 / 6.4	02	00.10	
			P08 310/020	4532	N2943.3	W09420.6	/.....	
MMUGS4	SBI	096	*CLB 032	16	112.2 / 7.3	02	00.12	
	SABINE PASS		P07 306/027	4516	N2941.2	W09402.3	/.....	
MMUGS4	LLA	089	*CLB 032	87	109.0 / 10.5	10	00.22	
	WHITE LAKE		P00 290/057	4429	N2939.8	W09222.4	/.....	
DCT	*TOC	103	FL390 030	481 19	108.5 / 11.0	02	00.24	
			M02 289/060	540 4410	N2935.4	W09201.0	/.....	
	KMSY	103	FL390 030	9	108.3 / 11.2	01	00.25	
			M02 302/072	4401	N2933.2	W09150.8	/.....	
DCT	LEV	103	FL390 032	113.50 481 94	106.3 / 13.2	11	00.36	
	LEEVIILE GRAND ISLE		M01 289/067	549 4307	N2910.5	W09006.2	/.....	
Y280	REDFN	104	FL390 032	481 76	104.7 / 14.8	08	00.44	
			M02 287/066	547 4231	N2853.0	W08842.1	/.....	
Y280	NAITE	109	FL390 014	481 34	104.0 / 15.5	04	00.48	
			M02 287/068	549 4197	N2842.6	W08805.0	/.....	
Y280	*BDRY	110	FL390 014	481 4	103.9 / 15.6	00	00.48	
-KZJX			M01 287/069	550 4193	N2841.3	W08800.3	/.....	
	KTPA	110	FL390 014	53	102.8 / 16.7	06	00.54	
			M02 296/057	4140	N2825.0	W08703.4	/.....	
Y280	ROZZI	111	FL390 010	482 20	102.4 / 17.1	02	00.56	
-KZHU			M01 284/074	556 4120	N2818.9	W08642.3	/.....	
Y280	REMIS	111	FL390 010	482 81	100.7 / 18.7	09	01.05	
-KZJX			M01 282/077	559 4039	N2753.1	W08515.5	/.....	
Y280	*BDRY	105	FL390 010	482 11	100.5 / 19.0	01	01.06	
-KZMA			M01 282/077	559 4028	N2751.0	W08503.0	/.....	
Y280	CHRG	105	FL390 010	482 12	100.3 / 19.2	01	01.07	
			M01 281/077	560 4016	N2748.7	W08449.9	/.....	
DCT	BAGGS	115	FL390 029	483 114	98.0 / 21.5	12	01.19	
			M00 276/088	567 3903	N2708.1	W08250.5	/.....	
Y290	THMPR	135	FL390 029	484 35	97.3 / 22.2	04	01.23	
			P00 275/092	557 3868	N2646.0	W08220.4	/.....	
Y290	FEMID	135	FL390 027	484 62	96.0 / 23.4	07	01.30	
			P00 274/097	559 3806	N2606.5	W08127.4	/.....	
	KMIA	112	FL390 027	24	95.5 / 23.9	02	01.32	
			M01 278/065	3781	N2559.8	W08101.2	/.....	
Y290	SAXXN	112	FL390 030	484 52	94.5 / 24.9	06	01.38	
			P00 272/096	577 3729	N2545.1	W08005.3	/.....	

Y290	UCRAZ	113	FL390	035	484	23	94.1 / 25.4	02	01.40
			P00	271/094	577	3706	N2538.7 W07941.4	/.....	
Y290	SKIPS	111	FL390	035	484	23	93.6 / 25.8	02	01.42
			P00	270/093	576	3683	N2533.2 W07916.5	/.....	
Y290	BITAC	124	FL390	036	484	106	91.5 / 27.9	12	01.54
			P00	267/087	558	3577	N2445.2 W07732.3	/.....	
	MUHG	125	FL390	036		27	91.0 / 28.5	03	01.57
			P00	268/087		3550	N2433.1 W07706.0	/.....	
	MDLR	125	FL390	036		305	84.8 / 34.7	33	02.30
			M00	266/059		3246	N2211.1 W07212.8	/.....	
Y290	HAGIT	130	FL390	015	486	76	83.2 / 36.3	09	02.39
			P00	275/044	526	3170	N2134.7 W07101.9	/.....	
Y421 -MDCS	HARBG	142	FL390	053	487	156	79.9 / 39.6	18	02.57
			P00	287/036	520	3014	N1952.0 W06856.9	/.....	
Y421 -TJZS	MEEGL	141	FL390	172	487	131	77.2 / 42.3	15	03.12
			P01	294/032	519	2884	N1829.3 W06710.3	/.....	
	TLPL	145	FL390	172		172	73.5 / 45.9	20	03.32
			P02	291/027		2711	N1632.6 W06457.4	/.....	
Y421 -TTZP	GEECE	147	FL390	010	490	136	70.7 / 48.7	16	03.48
			P02	288/041	526	2576	N1500.0 W06315.0	/.....	

----- OCEANIC ENTRY -----

[] LR NAV ACCUR CHECK	AT	__:_Z	CAPT	_____	STBY	_____	FO	_____
[] RVSM ALTIMETER CHECK	AT	__:_Z	CAPT	_____	STBY	_____	FO	_____
[] COMPASS HDG CHECK	AT	__:_Z	CAPT	_____	STBY	_____	FO	_____
[] HF CHECK	AT	__:_Z	SIGNATURE	(....) _____				

UL776	VIBSI	162	FL390	010	491	110	68.5 / 51.0	12	04.00
			P03	276/051	521	2466	N1326.6 W06215.3	/.....	
	SYCJ	163	FL390	054		238	63.5 / 56.0	28	04.28
			P03	278/036		2228	N1003.8 W06008.9	/.....	
UL776 -SYGC	KORTO	164	FL390	024	491	81	61.8 / 57.7	09	04.37
			P03	259/042	505	2147	N0855.1 W05926.8	/.....	
UL776 -SMPM	ESNUV	168	FL390	023	492	264	56.2 / 63.3	32	05.09
			P03	255/027	498	1883	N0501.4 W05724.0	/.....	
UL776 -SBAZ	*BDRY	169	FL390	051	261	179	52.4 / 67.1	22	05.31
			P03	253/024	264	1704	N0222.3 W05601.3	/.....	
	SBSN	170	FL390	041		5	52.3 / 67.2	00	05.31
			P02	255/032		1699	N0218.0 W05559.0	/.....	
UL776	TIR	170	*CLB	039	240.0	6	52.2 / 67.3	01	05.32
	TIRIOS OBIDOS		P03	253/025		1693	N0213.1 W05556.5	/.....	
UL776	OBGUX	172	FL410	039	483	46	51.1 / 68.4	06	05.38
			M03	256/021	486	1648	N0132.0 W05537.1	/.....	

UL776	NUVUG	173	FL410 055	483	252	45.8 / 73.7	31	06.09
			M03 246/007	484	1395	S0216.0 W05349.9	/.....	
UL776	OPVID	174	FL410 055	484	66	44.4 / 75.0	08	06.17
			M03 223/006	481	1330	S0315.4 W05321.9	/.....	
UL776	KOGRI	174	FL410 031	484	91	42.5 / 76.9	11	06.28
			M03 211/006	481	1239	S0437.2 W05243.2	/.....	
UL776	VUROX	174	FL410 029	484	7	42.4 / 77.1	01	06.29
			M03 209/006	480	1232	S0443.7 W05240.2	/.....	
	SBPJ	174	FL410 038		123	39.8 / 79.6	16	06.45
			M03 198/007		1109	S0634.8 W05147.4	/.....	
UL776	LUVNU	175	FL410 038	485	36	39.1 / 80.4	04	06.49
			M03 210/011	477	1073	S0706.8 W05132.1	/.....	
UL776	ITALA	175	FL410 038	485	34	38.4 / 81.1	04	06.53
			M03 215/012	479	1039	S0737.5 W05117.4	/.....	
UL776 -SBBS	OPTEN	175	FL410 039	485	191	34.4 / 85.1	24	07.17
			M02 204/018	474	848	S1029.7 W04954.1	/.....	
UL776	RODOT	177	FL410 029	486	59	33.2 / 86.3	08	07.25
			M02 196/019	472	789	S1123.3 W04929.4	/.....	
	SBBR	177	FL410 051		122	30.6 / 88.9	15	07.40
			M02 164/019		667	S1314.0 W04837.9	/.....	
UL776	LIXUD	177	FL410 051	487	16	30.3 / 89.2	02	07.42
			M02 165/019	468	652	S1328.2 W04831.2	/.....	
UL776	VARSO	177	FL410 058	487	56	29.1 / 90.4	08	07.50
			M02 161/018	468	595	S1419.4 W04807.0	/.....	
UZ26	BRAZE	198	FL410 058	487	15	28.8 / 90.7	02	07.52
			M02 160/018	469	580	S1434.7 W04806.1	/.....	
UZ26	KOGLI	198	FL410 058	487	23	28.3 / 91.2	03	07.55
			M02 159/017	469	557	S1457.9 W04804.6	/.....	
UZ26	PORMI	198	FL410 072	487	14	28.0 / 91.5	01	07.56
			M02 159/017	470	542	S1512.3 W04803.8	/.....	
UZ26	BSI BRASILIA	198	FL410 072 116.30	487	40	27.2 / 92.3	06	08.02
			M02 158/015	472	502	S1552.3 W04801.3	/.....	
UZ6	ISOPI	171	FL410 072	487	55	26.0 / 93.4	07	08.09
			M02 155/013	474	447	S1639.6 W04732.5	/.....	
UZ6	NIMKI	171	FL410 055	487	51	25.0 / 94.5	06	08.15
			M02 158/010	477	396	S1723.3 W04705.6	/.....	
UZ38	MOMKO	195	FL410 055	487	84	23.3 / 96.2	11	08.26
			M02 203/006	481	312	S1846.4 W04654.6	/.....	
UZ38	MOPNI	193	FL410 058	487	29	22.7 / 96.7	03	08.29
			M02 222/007	482	284	S1914.5 W04649.7	/.....	
	SBGR	193	FL410 058		24	22.2 / 97.2	03	08.32
			M02 215/009		260	S1938.1 W04645.6	/.....	
UZ38	ETAXI	193	FL410 072	487	45	21.3 / 98.1	06	08.38

				M02 253/013 484 215	S2022.2 W04637.9	/.....
UZ38	MUMDI	192	FL410 072	487 10	21.2 / 98.3	01 08.39
			M02 258/014 485	205	S2031.8 W04636.2	/.....
UZ38	PABAV	193	FL410 072	487 15	20.9 / 98.6	02 08.41
			M02 262/016 486	190	S2046.6 W04633.8	/.....
UZ38	NIPKI	193	FL410 081	487 23	20.4 / 99.1	03 08.44
			M03 267/019 487	167	S2109.5 W04630.0	/.....
UZ38	*TOD	193	FL410 081	487 31	19.8 / 99.7	03 08.47
			M03 271/022 491	136	S2140.3 W04624.9	/.....
UZ38	OPRUT	193	*DES 092	22	19.7 / 99.8	03 08.50
			P10 282/020	114	S2202.1 W04621.4	/.....
UZ38	ESDAD	192	*DES 092	6	19.7 / 99.8	01 08.51
			P11 282/019	108	S2207.7 W04620.3	/.....
UZ38	MOXEP	193	*DES 092	17	19.6 / 99.9	02 08.53
			P13 282/018	91	S2224.8 W04617.3	/.....
MOXE1A	GR078	228	*DES 092	23	19.5 / 100.0	03 08.56
-SBCW			P15 287/018	68	S2245.4 W04628.5	/.....
MOXE1A	GR079	181	*DES 092	10	19.4 / 100.0	01 08.57
			P15 289/018	58	S2254.7 W04624.8	/.....
MOXE1A	GR008	182	*DES 092	16	19.3 / 100.1	03 09.00
			P13 290/016	42	S2309.8 W04619.1	/.....
MOXE1A	ANSUG	182	*DES 072	7	19.3 / 100.2	01 09.01
			P13 290/014	35	S2316.4 W04616.5	/.....
MOXE1A	PAGAL	274	*DES 072	8	19.2 / 100.3	01 09.02
			P12 287/012	27	S2318.9 W04624.8	/.....
MOXE1A	GR072	281	*DES 072	8	19.1 / 100.3	02 09.04
			P12 292/006	19	S2320.4 W04633.3	/.....
MOXE1A	UTBUR	269	*DES 072	7	19.1 / 100.4	02 09.06
			P12 025/001	12	S2323.1 W04640.5	/.....
MOXE1A	SBGR/09R	127	2461 072	12	18.7 / 100.8	05 09.11
	GUARULHOS-GOV	ANDRE			S2326.1 W04628.4	/.....

WIND INFORMATION - OBS 09/NOV 12:00

(CLIMB)

FL380	290/061	-56	FL430	290/077	-63	FL430	289/080	-63	FL430	284/085	-63
FL310	300/039	-41	FL410	290/073	-61	FL410	288/075	-60	FL410	283/082	-60
FL230	314/020	-22	FL390	289/068	-58	FL390	287/069	-58	FL390	283/077	-57
15000	314/017	-5	FL370	291/061	-54	FL370	289/065	-54	FL370	284/072	-54
7000	311/012	+8	FL350	294/053	-50	FL350	293/061	-50	FL350	286/066	-50

BAGGS

FL430	279/094	-63	FL430	277/096	-63	FL430	274/085	-64	FL430	276/050	-66
FL410	278/091	-60	FL410	275/096	-60	FL410	271/086	-60	FL410	276/047	-61
FL390	277/089	-57	FL390	272/096	-56	FL390	267/087	-56	FL390	276/044	-56
FL370	278/085	-53	FL370	271/093	-52	FL370	267/086	-52	FL370	276/043	-51
FL350	279/081	-49	FL350	270/090	-48	FL350	268/085	-47	FL350	275/041	-46

HARBG

FL430	284/040	-65	FL430	288/038	-65	FL430	283/048	-64	FL430	277/056	-63
FL410	286/039	-61	FL410	291/035	-61	FL410	285/045	-59	FL410	277/054	-59
FL390	288/037	-56	FL390	294/033	-56	FL390	288/041	-54	FL390	277/051	-53
FL370	286/033	-51	FL370	299/029	-51	FL370	290/036	-49	FL370	278/046	-49
FL350	282/029	-46	FL350	306/025	-46	FL350	292/031	-44	FL350	282/040	-44

KORTO

FL430	257/040	-64	FL430	248/031	-64	FL450	259/022	-69	FL450	275/007	-68
FL410	258/041	-59	FL410	252/029	-59	FL430	258/022	-64	FL430	264/007	-64
FL390	259/042	-54	FL390	256/028	-54	FL410	256/022	-59	FL410	247/007	-59
FL370	260/042	-49	FL370	256/026	-49	FL390	255/021	-54	FL390	229/008	-54
FL350	262/041	-43	FL350	255/025	-43	FL370	253/019	-49	FL370	225/008	-49

KOGRI

FL450	206/004	-68	FL450	204/009	-68	FL450	192/016	-68	FL450	155/015	-67
FL430	211/005	-64	FL430	209/011	-64	FL430	199/018	-64	FL430	162/017	-63
FL410	211/006	-59	FL410	210/012	-59	FL410	205/018	-59	FL410	166/020	-58
FL390	211/007	-54	FL390	212/013	-54	FL390	211/019	-54	FL390	169/022	-53
FL370	220/007	-49	FL370	216/012	-49	FL370	212/020	-49	FL370	169/020	-49

PORMI

FL450	141/014	-67	FL450	151/009	-67	FL450	220/009	-67	FL450	266/017	-67
FL430	151/015	-63	FL430	157/010	-63	FL430	222/009	-63	FL430	266/019	-63
FL410	159/017	-59	FL410	158/010	-59	FL410	223/007	-59	FL410	268/020	-59
FL390	166/019	-53	FL390	159/011	-54	FL390	224/006	-54	FL390	270/020	-55
FL370	162/017	-49	FL370	153/010	-49	FL370	214/005	-49	FL370	271/018	-50

(DESCENT)

FL400	283/028	-57
FL320	286/024	-36
FL240	297/018	-17
FL160	300/011	-3
8000	293/008	+13

END FLIGHTPLAN 03543 TCC220D N78901 KIAH-SBGR 09NOV2019

[ATC FLIGHTPLAN]

(FPL-TCC220D-IS
-B789/H-SABDE1FGHIJ2J3J4J5KP1P2P3RWXYZ/HB2U2V2D1G1
-KIAH2225
-N0481F390 MMUGS4 LLA DCT LEV Y280 CHRGE DCT BAGGS Y290 HAGIT
Y421 GEECE UL776 TIR/N0483F410 UL776 VARSO UZ26 BSI UZ6 NIMKI
UZ38 MOXEP MOXE1A
-SBGR0911 SBKP
-PBN/A1B1C1D1L101S1 NAV/RNVD1E1A1 DOF/191109 REG/N78901
EET/KZJX0048 KZMA0106 TJZS0257 TTZP0348 SYGC0437 SMPM0509
SBAZ0531 SBBS0717
SEL/AHBF CODE/AAB467 RVR/75 OPR/TRADEWIND ALASKA
ORGN/PANCTAAP PER/D
RMK/TCAS
-E/1118)

[PLANNING WEATHER]

ORIGIN: KIAH/IAH (GEORGE BUSH INTERCONTINENTAL/H, UNITED STATES) UTC -06:00

KIAH 091853Z VRB03KT 10SM FEW250 18/M01 A3024 RMK A02 SLP242 T01781006
KIAH 091720Z 0918/1024 VRB03KT P6SM FEW250
FM102100 15007KT P6SM FEW120 SCT250

DESTINATION: SBGR/GRU (GUARULHOS-GOV ANDRE FRANCO MON, BRAZIL) UTC -03:00

SBGR 091900Z 14007KT 9999 BKN030 25/21 Q1014
SBGR 091604Z 0918/1024 15004KT 8000 BKN020 TN19/1004Z TX27/1016Z
BECMG 0920/0922 BKN011
PROB30 0922/0924 4000 RA BR
BECMG 1005/1007 09003KT BKN008
PROB30 1008/1010 BKN007
BECMG 1010/1012 09005KT BKN011
BECMG 1013/1015 BKN016
BECMG 1015/1017 BKN027
BECMG 1017/1019 15005KT SCT027
BECMG 1020/1022 BKN011
PROB30 1022/1023 4000 RA BR
RMK PGM

ALTERNATE: SBKP/VCP (VIRACOPOS INTL, BRAZIL) UTC -03:00

SBKP 091900Z 11005KT 9999 FEW030 28/18 Q1012
SBKP 091604Z 0918/1018 09003KT 8000 FEW024 TX27/0918Z TN20/1007Z
BECMG 0919/0921 14006KT
PROB30 0921/0923 TSRA SCT020 FEW047CB
BECMG 0923/1001 12010KT FEW019
PROB30 1002/1004 RA
BECMG 1005/1007 12007KT
BECMG 1011/1013 FEW028
RMK PGM

ADEQUATE: KMSY/MSY (ARMSTRONG NEW ORLEANS INTL, UNITED STATES) UTC -06:00

KMSY 091853Z 34004KT 10SM FEW250 16/05 A3020 RMK A02 SLP230 T01560050
KMSY 091801Z 0918/1024 03007KT P6SM SKC
FM092300 VRB04KT P6SM SKC

ADEQUATE: KTPA/TPA (TAMPA INTL, UNITED STATES) UTC -05:00

KTPA 091853Z 03009KT 10SM SCT034 24/15 A3004 RMK A02 SLP171 T02440150 \$
KTPA 091736Z 0918/1024 04010KT P6SM SCT030
FM092300 04007KT P6SM FEW030
FM100400 04005KT P6SM SKC
FM101800 05007KT P6SM FEW050

ADEQUATE: KMIA/MIA (MIAMI INTL, UNITED STATES)

UTC -05:00

KMIA 091853Z 03009KT 10SM FEW020 BKN040 OVC060 23/17 A2998 RMK A02 SLP151
T02280172
KMIA 091932Z 0920/1024 03008KT P6SM -SHRA FEW020 BKN040 BKN060
FM100000 05005KT P6SM SCT025 SCT050
FM101400 06010KT P6SM FEW025 SCT250

ADEQUATE: MUHG/HOG (FRANK PAIS INTL, CUBA)

UTC -05:00

MUHG 091850Z 24006KT 180V270 8000 VCSH SCT018TCU 33/21 Q1010
MUHG 091700Z 0918/1018 VRB03KT 9000 SCT020
TEMPO 0919/1001 VRB10KT 5000 TSRA SCT018CB BKN020

ADEQUATE: MDLR/LRM (CASA DE CAMPO INTL, DOMINICAN REPUBLIC)

UTC -04:00

MDLR 091900Z 16011KT 9999 SCT022 32/24 Q1009
MDLR 091600Z 0918/1018 12010KT 9999 SCT020
BECMG 1000/1002 00000KT

ADEQUATE: TLPL/UVF (HEWANORRA INTL, ST. LUCIA)

UTC -04:00

TLPL 091900Z 10015KT 9999 FEW018CB 29/23 Q1010 NOSIG
TLPL 091700Z 0918/1018 10018KT 9999 FEW018CB SCT026
TEMPO 0918/1012 5000 SHRA FEW015CB BKN018TCU

ADEQUATE: SYCJ/GEO (CHEDDI JAGAN INTL, GUYANA)

UTC -04:00

SYCJ 091900Z 06010KT 9999 FEW021CB SCT022 32/24 Q1007 CB W-WNW NOSIG
SYCJ 091700Z 0918/1018 08012KT 9999 FEW019CB BKN020
BECMG 1000/1003 05004KT 9999 SCT017
PROB40 TEMPO 1008/1011 1000 FG FEW009

ADEQUATE: SBSN/STM (MAESTRO WILSON FONSECA INTL, BRAZIL)

UTC -04:00

SBSN 091900Z 24002KT 9999 FEW017 BKN080 29/26 Q1007
SBSN 091500Z 0918/1018 11010KT 9999 FEW020TCU TX32/0918Z TN24/1007Z
BECMG 1000/1002 16005KT FEW017
PROB30 TEMPO 1003/1010 5000 TSRA SCT013 FEW020CB
BECMG 1012/1014 11010KT FEW023
RMK PHD

ADEQUATE: SBPJ/PMW (BRIGADEIRO LYSIAS RODRIGUES, BRAZIL)

UTC -03:00

SBPJ 091900Z 34004KT 290V030 9999 FEW038 31/21 Q1009
SBPJ 091600Z 0918/1018 13010KT 9999 SCT027 FEW030TCU TX31/0918Z TN26/1005Z
BECMG 1000/1002 09007KT FEW025
RMK PEM

ADEQUATE: SBBR/BSB (PRES JUSCELINO KUBITSCHEK INTL, BRAZIL)

UTC -03:00

SBBR 091900Z 03009KT 9999 SCT045 33/13 Q1013

SBBR 091600Z 0918/1018 05015KT CAVOK TN20/1007Z TX32/1017Z

BECMG 1000/1002 03010KT

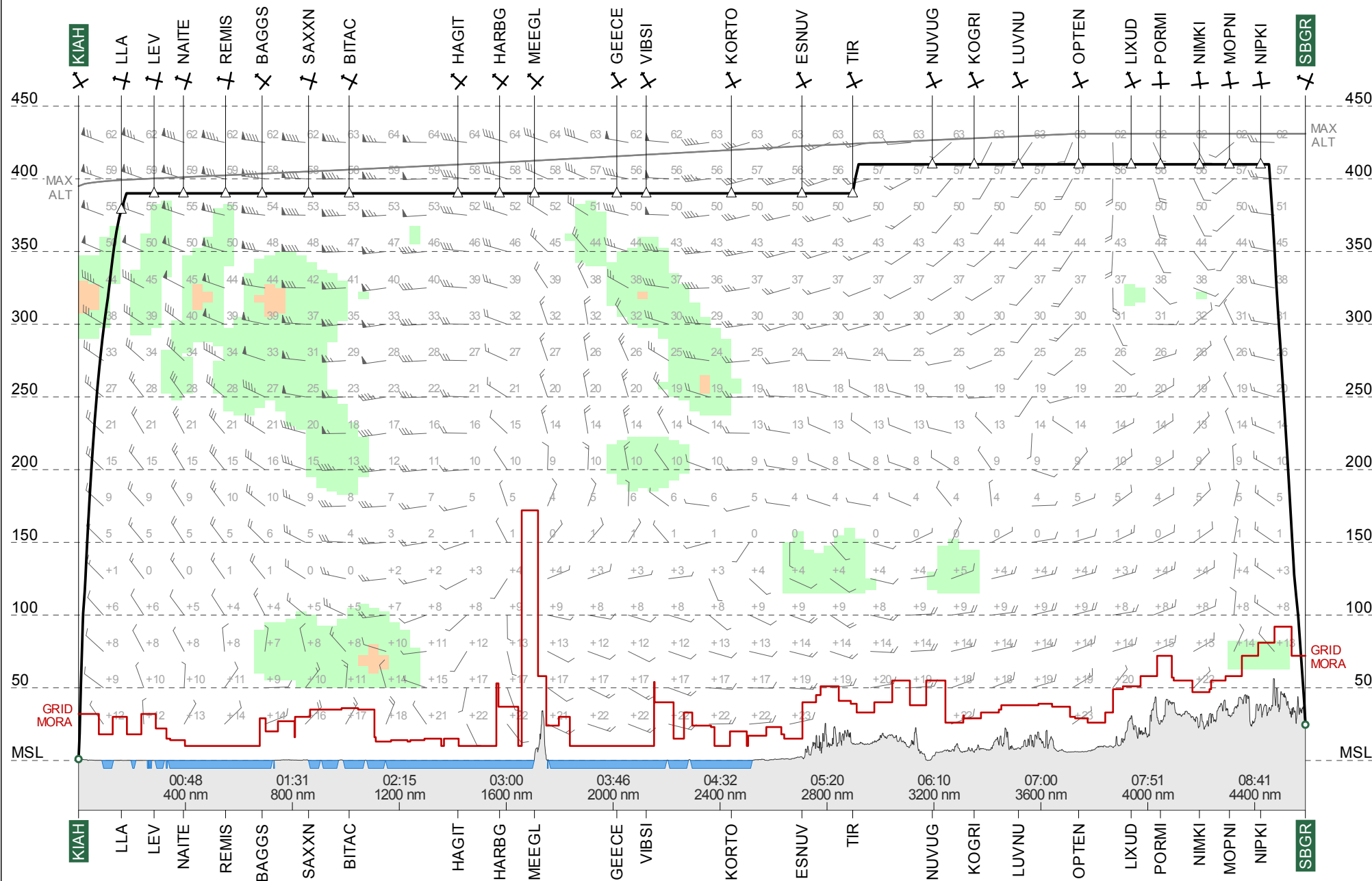
BECMG 1012/1014 03015KT

RMK PEM

TR220D #1

KIAH → SBGR

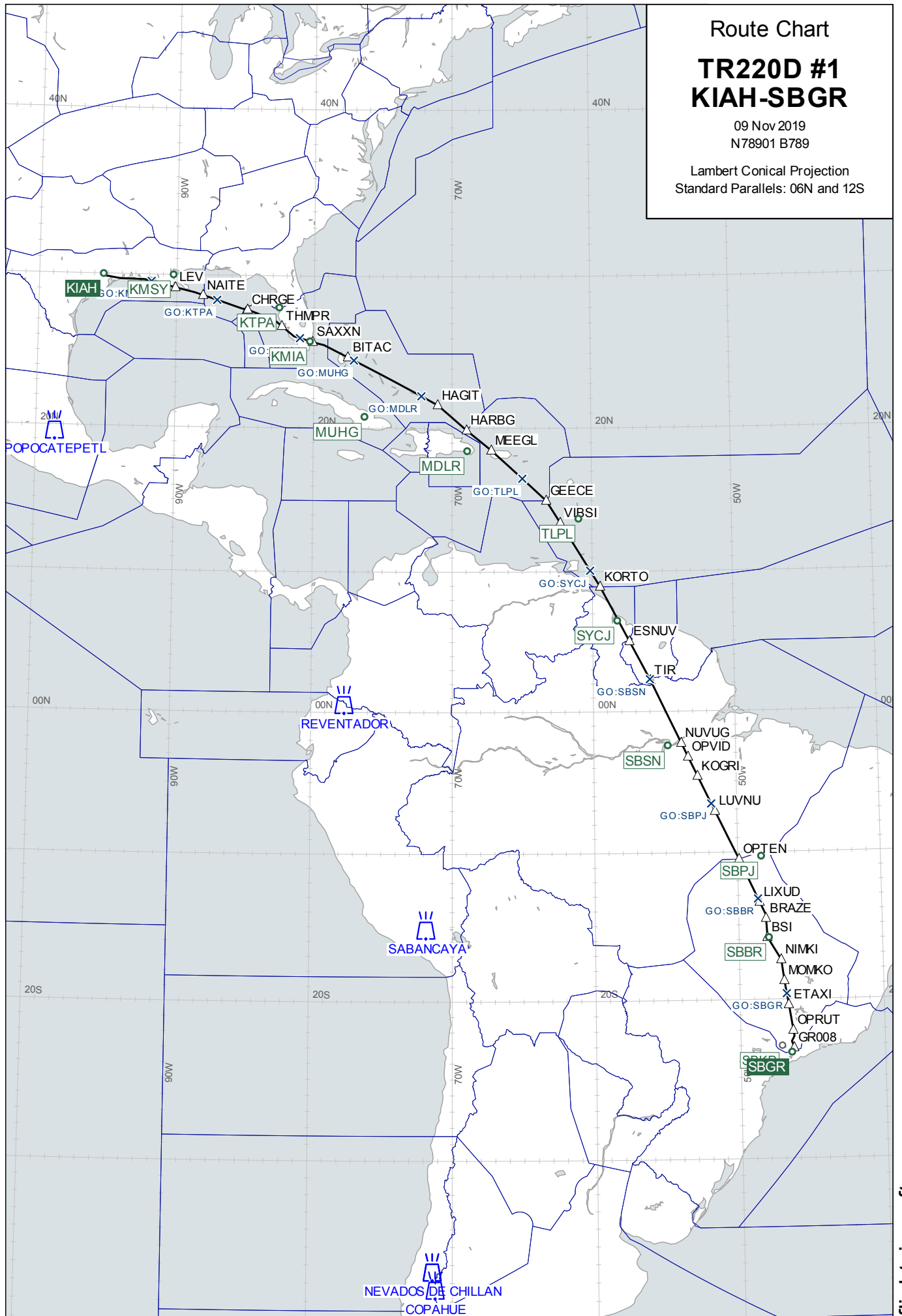
ETD 09 Nov 22:25z
N78901 B789

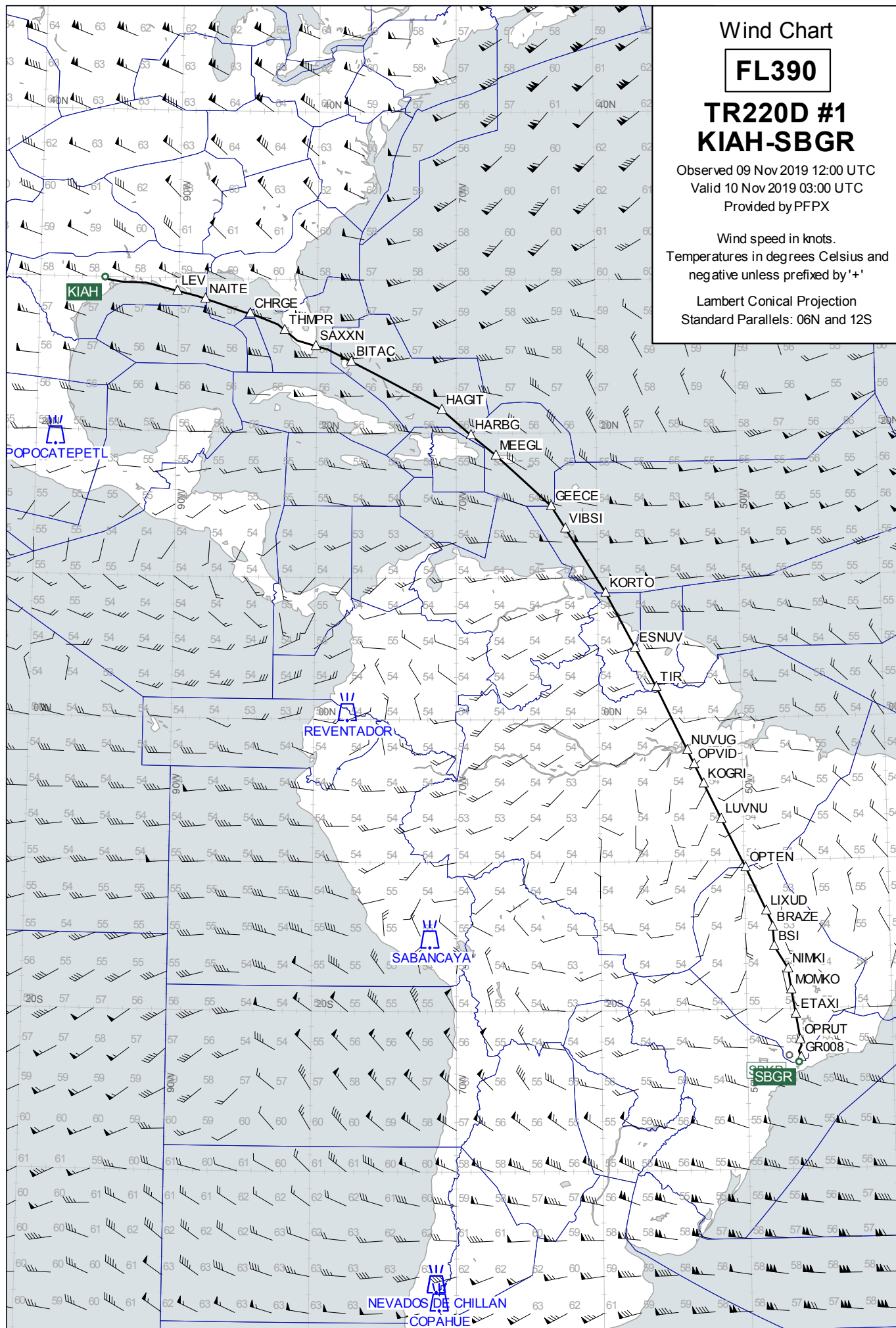


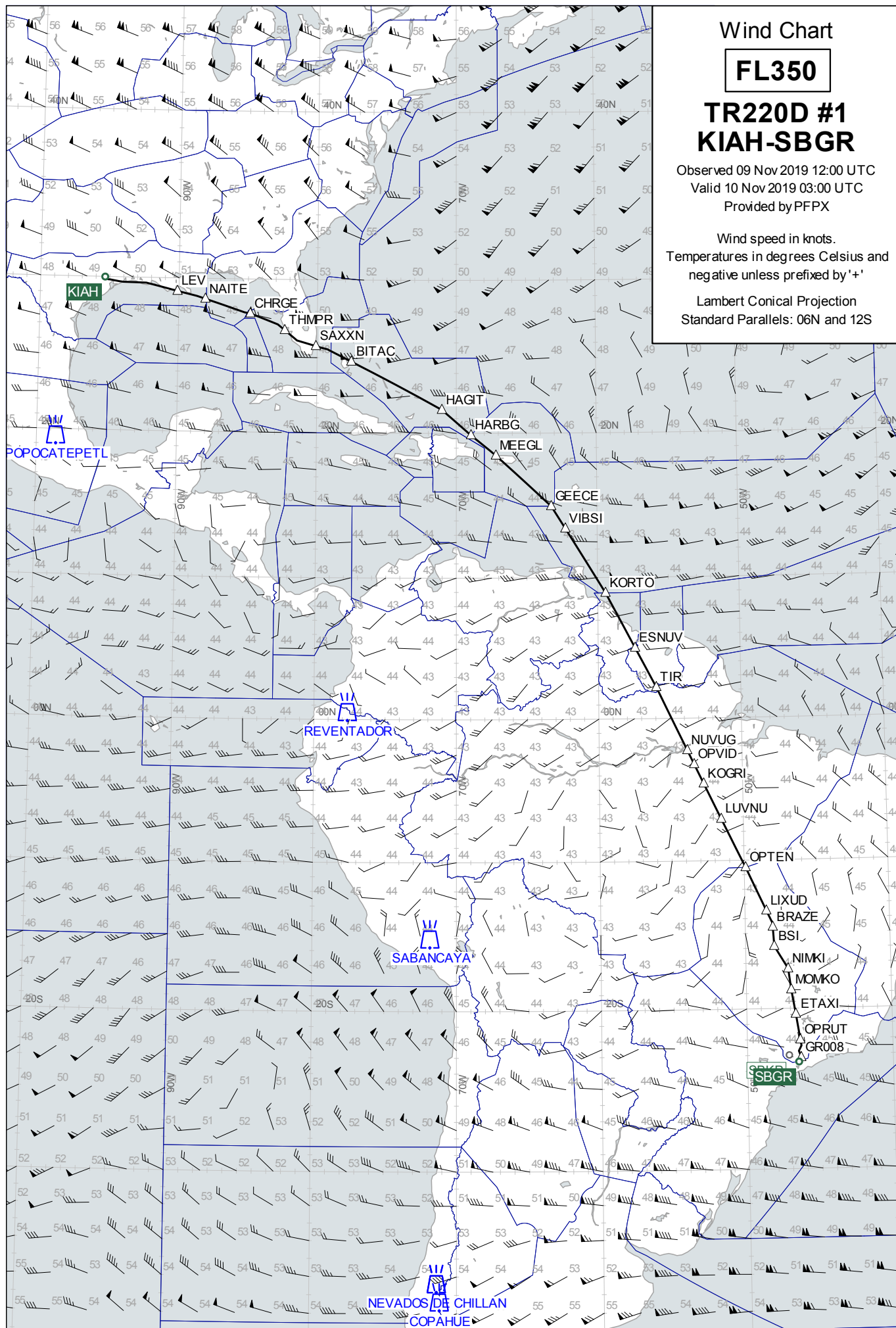
Route Chart TR220D #1 KIAH-SBGR

09 Nov 2019
N78901 B789

Lambert Conical Projection
Standard Parallels: 06N and 12S







Wind Chart

FL430

TR220D #1 KIAH-SBGR

Observed 09 Nov 2019 12:00 UTC

Valid 10 Nov 2019 03:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection

Standard Parallels: 06N and 12S

