



Tradewind VA



Flight Briefing Package

TCC220A 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 1946 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		60.592	09:08
CONT 5%		3.030	00:31
HOLD	SBGR	1.953	00:20
ALTN	SBKP	1.511	00:15
FINAL RESV		2.933	00:30
ADD FUEL		1.170	00:12
MIN T/O		71.189	10:56
EXTRA		1.465	00:15
TAXI		780	00:15
RELEASE	KIAH	73.434	11:26
ARR FUEL	SBGR	11.646	01:55

Load Planning (kg)	PJTGC	Plan	Limit
Empty Weight		156.146	
Payload	265+0 Pax	24.910	
Zero Fuel Weight	Limit	181.056	209.106
Fuel		73.434	162.613
Ramp Weight		254.490	348.359
Take-Off Weight KIAH		253.710	304.857
Landing Weight SBGR		193.118	223.167
Underload		28.050	Lim ZFW
Max Extra Fuel		30.049	Lim LDW

Cost Planning		
Flight Time	09:08\$	51.261
Fuel	61.788\$	43.649
Total	\$	94.910
Per Pax	\$	358
Per 5.000 kg Payload	\$	19.051

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC220A PJTGC KIAH-SBGR

ALL WEIGHTS IN KILOGRAMS (KG)

STD 09NOV/2210Z

OFP 1 - PREPARED 09NOV/1946Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR220A/TCC220A PJTGC/B777-2LR GE SEL/SALH ROUTE: KIAHSBGR01

DEP: KIAH/IAH 15L ELEV 96 FT COST INDEX: 250 TTL G/C DIST: 4274 NM
ARR: SBGR/GRU 09R ELEV 2461 FT INIT ALT: FL350 TTL F/P DIST: 4589 NM
FUEL BIAS: 100.5% TTL AIR DIST: 4400 NM
AVG WIND CMP: TL021 KT

ALT: SBKP/VCP 15 ELEV 2170 FT 61 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	265	0	24910	28050 ZFW	MAX 209106	304857	223167
						PLN 181056	253710	193118
						ACT .....	.....	.....

** TAKE-OFF DATA KIAH 15L **

COND: 253710 KG // RWY DRY // +18°C Q1024 CALM // LMT: STRUCT
CONFIG: FLAPS 5 // D-T01 +51C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=153 VR=156 V2=159
ENG OUT: AT 4 DME 'IAH' 116.6 LT TO ITCPT R 085 'IAH' 116.6 TO 'COSBI' [21.8
DME 'IAH' 116.6] (265 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	60592	.....	09:08	
CONT 5%	3030	.....	00:31	
ALTN SBKP	1511	.....	00:15	
FINAL RESV	2933	.....	00:30	
HOLD	1953	.....	00:20	
ADD FUEL	1170	.....	00:12	
MIN T/O	71189	.....	10:56	.....
EXTRA	1465	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	780	.....	00:15	
RELEASE	73434	.....	11:26	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	11646	.....	01:55	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 31514 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1053 KG / 5000 KG TOW DECR: -984 KG
2000 FT LOWER: +762 KG / EET 09:04 CLB: 250/310/84 DES: 84/320/250

KIAH	STD 22:10Z/16:10L	ETD 22:10Z	ACT OFBL	EST T/O 22:25Z	ACT T/O
SBGR	STA 08:25Z/05:25L	ETA 07:41Z	ACT ONBL	EST LDG 07:33Z	ACT LDG
	SKD 10:15	PLN 09:31	TTL BLCK	EST FLT 09:08	TTL FLT

ATC ROUTE: N0490F350 MMUGS4 LLA DCT LEV Y280 CHRGE DCT BAGGS Y290
FEMID/N0485F370 Y290 HAGIT Y421 GEECE UL776 VUROX/N0490F390 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	1511	-	IVRA2B BCO DCT CPN

MOST CRITICAL MORA 17200 FT AT MEEGL

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA	FREQ WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO	ACC ATO
	KIAH/15L GEORGE BUSH INTERCON		96	032				72.7 / 0.8 N2959.3 W09521.5	/.....	
MMUGS4	TTAPS	132	*CLB	032	P09 307/010		9 4581	71.3 / 2.2 N2953.3 W09514.4	03 00.03/.....	
MMUGS4	BOTLL	123	*CLB	032	P11 311/011		7 4574	70.8 / 2.6 N2949.4 W09508.1	01 00.04/.....	
MMUGS4	MMUGS	091	*CLB	032	P10 308/015		8 4566	70.4 / 3.0 N2949.1 W09459.0	02 00.06/.....	
MMUGS4	GRAYN	098	*CLB	032	P09 308/020		14 4552	69.8 / 3.7 N2946.6 W09443.0	02 00.08/.....	
MMUGS4	YOKEM	098	*CLB	032	P07 304/028		20 4532	69.1 / 4.4 N2943.3 W09420.6	02 00.10/.....	
	KMSY	096	*CLB	032	P08 297/043		11 4521	68.7 / 4.7 N2941.8 W09407.7	02 00.12/.....	
MMUGS4	SBI SABINE PASS	096	*CLB	032	P06 301/037	115.40	5 4516	68.6 / 4.9 N2941.2 W09402.3	00 00.12/.....	
MMUGS4	*TOC	089	FL350	032	P04 293/052	490 538	25 4492	67.9 / 5.5 N2940.9 W09334.0	03 00.15/.....	
MMUGS4	LLA WHITE LAKE	090	FL350	030	P04 294/052	110.40 490 537	62 4429	67.1 / 6.3 N2939.8 W09222.4	07 00.22/.....	
DCT	LEV LEEVILLE GRAND ISLE	103	FL350	032	P04 294/053	113.50 490 542	122 4307	65.5 / 7.9 N2910.5 W09006.2	13 00.35/.....	
Y280	REDFN	104	FL350	032	P04 293/058	490 547	76 4231	64.5 / 8.9 N2853.0 W08842.1	09 00.44/.....	
Y280	NAITE	109	FL350	014	P04 292/061	490 550	34 4197	64.1 / 9.3 N2842.6 W08805.0	03 00.47/.....	
Y280 -KZJX	*BDRY	110	FL350	014	P04 292/062	490 550	4 4193	64.0 / 9.4 N2841.3 W08800.3	01 00.48/.....	
	KTPA	110	FL350	014	P04 297/047		58 4134	63.3 / 10.1 N2823.3 W08657.4	06 00.54/.....	
Y280 -KZHU	ROZZI	111	FL350	010	P04 290/062	490 552	14 4120	63.1 / 10.3 N2818.9 W08642.3	02 00.56/.....	
Y280 -KZJX	REMIS	111	FL350	010	P05 285/066	490 556	81 4039	62.1 / 11.3 N2753.1 W08515.5	09 01.05/.....	
Y280 -KZMA	*BDRY	105	FL350	010	P05 285/067	490 556	11 4028	62.0 / 11.5 N2751.0 W08503.0	01 01.06/.....	
Y280	CHRG	105	FL350	010	P05 284/068	490 556	12 4016	61.8 / 11.6 N2748.7 W08449.9	01 01.07/.....	
DCT	BAGGS	115	FL350	029	P06 278/081	491 569	114 3903	60.4 / 13.0 N2708.1 W08250.5	12 01.19/.....	

Y290	THMPR	135	FL350	029	492	35	60.0 / 13.5	04	01.23
			P06	276/083	560	3868	N2646.0 W08220.4	/.....	
	KMIA	135	FL350	020		16	59.8 / 13.7	02	01.25
			P04	285/051		3851	N2635.6 W08206.3	/.....	
Y290	FEMID	136	*CLB	027		46	59.2 / 14.2	05	01.30
			P07	272/087		3806	N2606.5 W08127.4	/.....	
Y290	SAXXN	112	FL370	030	486	77	58.2 / 15.2	08	01.38
			P04	271/094	576	3729	N2545.1 W08005.3	/.....	
Y290	UCRAZ	113	FL370	035	486	23	57.9 / 15.5	02	01.40
			P05	270/093	576	3706	N2538.7 W07941.4	/.....	
Y290	SKIPS	111	FL370	035	486	23	57.7 / 15.8	02	01.42
			P05	269/092	576	3683	N2533.2 W07916.5	/.....	
Y290	BITAC	124	FL370	036	486	106	56.4 / 17.0	12	01.54
			P05	267/086	560	3577	N2445.2 W07732.3	/.....	
	MUHG	125	FL370	036		28	56.1 / 17.4	03	01.57
			P04	268/084		3549	N2432.7 W07705.0	/.....	
	MDLR	125	FL370	036		305	52.3 / 21.1	33	02.30
			P05	266/057		3245	N2210.6 W07211.8	/.....	
Y290	HAGIT	130	FL370	015	489	75	51.3 / 22.1	09	02.39
			P05	275/042	527	3170	N2134.7 W07101.9	/.....	
Y421 -MDCS	HARBG	142	FL370	053	489	156	49.4 / 24.1	18	02.57
			P06	285/033	519	3014	N1952.0 W06856.9	/.....	
Y421 -TJZS	MEEGL	141	FL370	172	490	131	47.7 / 25.7	15	03.12
			P06	299/029	518	2884	N1829.3 W06710.3	/.....	
	TLPL	145	FL370	172		174	45.5 / 27.9	20	03.32
			P06	297/024		2709	N1631.2 W06455.9	/.....	
Y421 -TTZP	GEECE	147	FL370	010	491	134	43.8 / 29.6	15	03.47
			P07	289/036	524	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	FL370	010	492	110	42.4 / 31.0	13	04.00
			P08	278/046	521	2466	N1326.6 W06215.3	/.....	
	SYCJ	163	FL370	054		239	39.5 / 34.0	28	04.28
			P08	275/038		2227	N1002.9 W06008.3	/.....	
UL776 -SYGC	KORTO	164	FL370	024	493	80	38.5 / 35.0	09	04.37
			P08	259/041	508	2147	N0855.1 W05926.8	/.....	
UL776 -SMPM	ESNUV	168	FL370	023	494	264	35.1 / 38.3	32	05.09
			P08	255/026	499	1883	N0501.4 W05724.0	/.....	
UL776	*BDRY	169	FL370	051	262	179	32.8 / 40.6	21	05.30

-SBAZ			P08 252/021 264 1704	N0222.3 W05601.3	/.....
	SBSN	170	FL370 041	5	32.7 / 40.7 01 05.31
			P08 258/026	1699	N0218.0 W05559.0/.....
UL776	TIR	170	FL370 039 240.0	494 6	32.7 / 40.8 01 05.32
	TIRIOS OBIDOS		P08 252/021	497 1693	N0213.1 W05556.5/.....
UL776	OBGUX	172	FL370 039	494 46	32.1 / 41.3 05 05.37
			P08 252/018	496 1648	N0132.0 W05537.1/.....
UL776	NUVUG	173	FL370 055	495 252	28.9 / 44.6 31 06.08
			P08 223/008	492 1395	S0216.0 W05349.9/.....
UL776	OPVID	174	FL370 055	495 66	28.0 / 45.4 08 06.16
			P08 222/008	491 1330	S0315.4 W05321.9/.....
UL776	KOGRI	174	FL370 031	495 91	26.9 / 46.5 11 06.27
			P08 220/007	492 1239	S0437.2 W05243.2/.....
UL776	VUROX	174	*CLB 029	7	26.8 / 46.6 01 06.28
			P08 219/007	1232	S0443.7 W05240.2/.....
	SBPJ	174	FL390 038	122	25.2 / 48.3 15 06.43
			P02 205/008	1109	S0634.3 W05147.6/.....
UL776	LUVNU	175	FL390 038	488 36	24.7 / 48.7 05 06.48
			P02 211/013	481 1073	S0706.8 W05132.1/.....
UL776	ITALA	175	FL390 038	488 34	24.3 / 49.2 04 06.52
			P02 217/013	482 1039	S0737.5 W05117.4/.....
UL776	OPTEN	175	FL390 039	489 191	21.9 / 51.6 24 07.16
-SBBBS			P03 211/019	479 848	S1029.7 W04954.1/.....
UL776	RODOT	177	FL390 029	490 59	21.1 / 52.3 07 07.23
			P03 201/021	475 789	S1123.3 W04929.4/.....
	SBBR	177	FL390 051	123	19.5 / 53.9 16 07.39
			P03 163/023	666	S1314.9 W04837.4/.....
UL776	LIXUD	177	FL390 051	491 15	19.3 / 54.1 02 07.41
			P03 169/022	469 652	S1328.2 W04831.2/.....
UL776	VARSO	177	FL390 058	491 56	18.6 / 54.8 07 07.48
			P03 165/020	470 595	S1419.4 W04807.0/.....
UZ26	BRAZE	198	FL390 058	491 15	18.4 / 55.0 02 07.50
			P03 166/020	471 580	S1434.7 W04806.1/.....
UZ26	KOGLI	198	FL390 058	491 23	18.1 / 55.3 03 07.53
			P03 166/019	471 557	S1457.9 W04804.6/.....
UZ26	PORMI	198	FL390 072	491 14	17.9 / 55.5 02 07.55
			P03 166/019	471 542	S1512.3 W04803.8/.....
UZ26	BSI	198	FL390 072 116.30	491 40	17.4 / 56.0 05 08.00
	BRASILIA		P03 166/018	472 502	S1552.3 W04801.3/.....
UZ6	ISOPI	171	FL390 072	490 55	16.7 / 56.7 07 08.07
			P03 159/014	476 447	S1639.6 W04732.5/.....
UZ6	NIMKI	171	FL390 055	490 51	16.1 / 57.3 06 08.13
			P03 158/010	479 396	S1723.3 W04705.6/.....

UZ38	MOMKO	195	FL390	055	490	84	15.1 / 58.4	10	08.23
			P02	203/005	484	312	S1846.4 W04654.6	/.....	
UZ38	MOPNI	193	FL390	058	490	29	14.7 / 58.7	04	08.27
			P02	225/005	486	284	S1914.5 W04649.7	/.....	
	SBGR	193	FL390	058		24	14.4 / 59.0	03	08.30
			P02	208/008		259	S1938.6 W04645.5	/.....	
UZ38	ETAXI	193	FL390	072	489	44	13.9 / 59.5	05	08.35
			P02	255/012	486	215	S2022.2 W04637.9	/.....	
UZ38	MUMDI	192	FL390	072	489	10	13.8 / 59.7	02	08.37
			P02	260/014	488	205	S2031.8 W04636.2	/.....	
UZ38	PABAV	193	FL390	072	489	15	13.6 / 59.8	01	08.38
			P02	264/016	489	190	S2046.6 W04633.8	/.....	
UZ38	NIPKI	193	FL390	081	489	23	13.3 / 60.1	03	08.41
			P02	269/020	490	167	S2109.5 W04630.0	/.....	
UZ38	*TOD	193	FL390	081	489	46	12.8 / 60.7	06	08.47
			P02	276/025	495	121	S2155.1 W04622.5	/.....	
UZ38	OPRUT	193	*DES	092		7	12.8 / 60.7	01	08.48
			P08	279/023		114	S2202.1 W04621.4	/.....	
UZ38	ESDAD	192	*DES	092		6	12.7 / 60.7	00	08.48
			P10	282/021		108	S2207.7 W04620.3	/.....	
UZ38	MOXEP	193	*DES	092		17	12.7 / 60.7	03	08.51
			P13	282/018		91	S2224.8 W04617.3	/.....	
MOXE1A	GR078	228	*DES	092		23	12.6 / 60.8	03	08.54
-SBCW			P15	288/017		68	S2245.4 W04628.5	/.....	
MOXE1A	GR079	181	*DES	092		10	12.6 / 60.8	01	08.55
			P14	290/017		58	S2254.7 W04624.8	/.....	
MOXE1A	GR008	182	*DES	092		16	12.5 / 60.9	03	08.58
			P13	290/016		42	S2309.8 W04619.1	/.....	
MOXE1A	ANSUG	182	*DES	072		7	12.5 / 60.9	01	08.59
			P13	290/014		35	S2316.4 W04616.5	/.....	
MOXE1A	PAGAL	274	*DES	072		8	12.5 / 61.0	01	09.00
			P13	286/012		27	S2318.9 W04624.8	/.....	
MOXE1A	GR072	281	*DES	072		8	12.4 / 61.0	02	09.02
			P12	291/005		19	S2320.4 W04633.3	/.....	
MOXE1A	UTBUR	269	*DES	072		7	12.4 / 61.1	01	09.03
			P12	021/001		12	S2323.1 W04640.5	/.....	
MOXE1A	SBGR/09R	127	2461	072		12	12.1 / 61.4	05	09.08
	GUARULHOS-GOV	ANDRE					S2326.1 W04628.4	/.....	

WIND INFORMATION - OBS 09/NOV 12:00

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(CLIMB)
FL340 294/052 -47 FL390 289/068 -58 FL390 287/069 -58 FL390 283/078 -57
FL270 304/029 -32 FL370 291/061 -54 FL370 290/065 -54 FL370 284/072 -54
FL200 310/020 -15 FL350 294/054 -50 FL350 293/062 -50 FL350 286/066 -50
13000 312/015 -0 FL330 297/047 -46 FL330 296/055 -46 FL330 288/061 -45
6000 303/012 +9 FL310 300/041 -42 FL310 302/045 -42 FL310 291/058 -41

BAGGS
FL390 277/088 -57 FL410 275/097 -60 FL410 271/086 -60 FL410 276/047 -61
FL370 278/085 -53 FL390 272/097 -56 FL390 267/087 -56 FL390 276/044 -56
FL350 279/081 -49 FL370 271/094 -52 FL370 267/086 -52 FL370 276/043 -51
FL330 280/073 -44 FL350 270/091 -48 FL350 268/085 -47 FL350 275/041 -46
FL310 282/062 -41 FL330 270/084 -43 FL330 267/081 -42 FL330 274/039 -41

HARBG
FL410 286/039 -61 MEEGL
FL410 291/036 -61 GEECE
FL410 285/045 -59 VIBSI
FL390 288/037 -56 FL390 294/033 -56 FL390 288/041 -54 FL390 276/051 -53
FL370 286/033 -51 FL370 299/029 -51 FL370 290/037 -49 FL370 278/046 -49
FL350 282/029 -46 FL350 307/025 -46 FL350 292/031 -44 FL350 281/041 -44
FL330 281/026 -40 FL330 313/021 -40 FL330 301/025 -39 FL330 287/034 -39

KORTO
FL410 258/041 -59 ESNUV
FL410 252/029 -59 TIR
FL410 254/025 -59 NUVUG
FL390 259/043 -54 FL390 256/028 -54 FL390 254/025 -54 FL390 228/008 -54
FL370 260/042 -49 FL370 256/026 -49 FL370 253/021 -49 FL370 224/008 -49
FL350 261/041 -43 FL350 254/025 -43 FL350 250/017 -43 FL350 222/009 -43
FL330 264/039 -38 FL330 254/023 -38 FL330 249/014 -38 FL330 228/008 -38

KOGRI
FL410 210/006 -59 LUVNU
FL430 209/011 -64 OPTEN
FL430 199/018 -64 LIXUD
FL390 211/007 -54 FL410 211/012 -59 FL410 205/018 -59 FL410 166/020 -58
FL370 220/007 -49 FL390 212/013 -54 FL390 211/019 -54 FL390 169/022 -53
FL350 233/007 -43 FL370 216/012 -49 FL370 213/020 -49 FL370 170/020 -49
FL330 241/007 -38 FL350 224/009 -43 FL350 213/021 -43 FL350 170/017 -44

PORMI
FL430 151/015 -63 NIMKI
FL430 158/010 -63 MOPNI
FL430 222/009 -63 NIPKI
FL410 159/017 -59 FL410 158/010 -59 FL410 223/008 -59 FL410 268/020 -59
FL390 166/019 -53 FL390 159/011 -54 FL390 225/006 -54 FL390 270/020 -55
FL370 162/017 -49 FL370 153/010 -49 FL370 215/005 -49 FL370 271/018 -50
FL350 152/013 -44 FL350 143/009 -44 FL350 198/004 -44 FL350 273/015 -44

(DESCENT)
FL380 288/027 -52
FL310 287/024 -33
FL230 298/018 -15
FL150 295/011 -1
7000 297/006 +15
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END FLIGHTPLAN 03540 TCC220A PJTGC KIAH-SBGR 09NOV2019

[ATC FLIGHTPLAN]

(FPL-TCC220A-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-KIAH2210
-N0490F350 MMUGS4 LLA DCT LEV Y280 CHRGE DCT BAGGS Y290
FEMID/N0485F370 Y290 HAGIT Y421 GEECE UL776 VUROX/N0490F390
UL776 VARSO UZ26 BSI UZ6 NIMKI UZ38 MOXEP MOXE1A
-SBGR0908 SBKP
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/191109 REG/PJTGC
EET/KZJX0048 KZMA0106 TJZS0257 TTZP0347 SYGC0437 SMPM0509
SBAZ0530 SBBS0716
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/C
RMK/TCAS
-E/1111)

[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

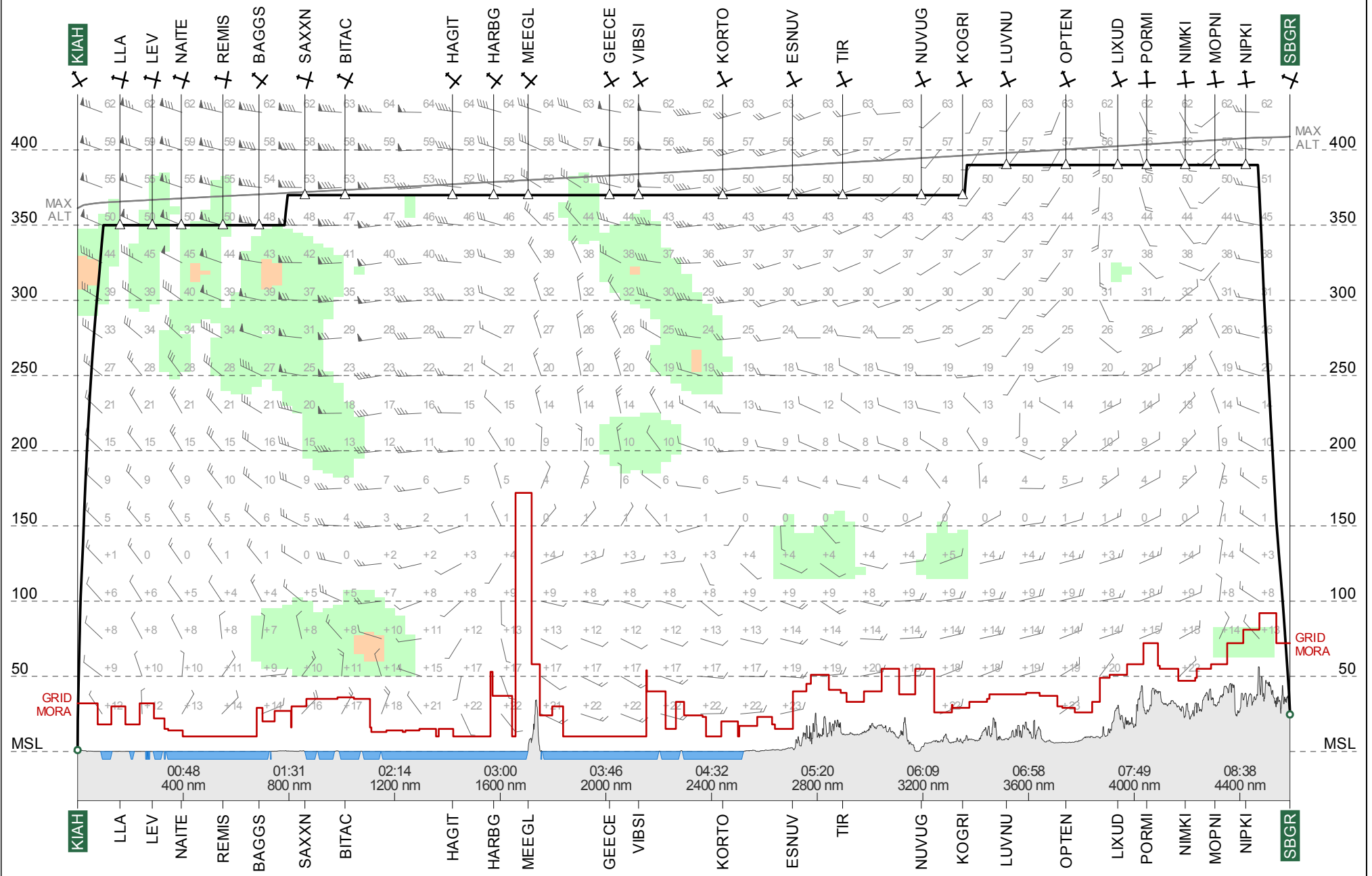
BECMG 1012/1014 03015KT

RMK PEM

TR220A #1

KIAH → SBGR

ETD 09 Nov 22:10z
PJTGC B77L



Route Chart TR220A #1 KIAH-SBGR

09 Nov 2019
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 06N and 12S

