



Tradewind VA



Flight Briefing Package

TCC320D SBGR-KIAH

17-Nov-2019 #1

RELEASE #1

GUARULHOS-GOV ANDRE FRANCO MON
(BRAZIL)

-

GEORGE BUSH INTERCONTINENTAL/H
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

17 NOV 1616 UTC

Fuel Planning (lb)	EU-OPS	Fuel	Time
TRIP		103.034	09:19
CONT 5%		5.152	00:35
HOLD	KIAH	2.914	00:20
ALTN	KAUS	5.827	00:34
FINAL RESV		4.362	00:30
ADD FUEL		1.944	00:12
MIN T/O		123.233	11:31
EXTRA		2.186	00:15
TAXI		795	00:15
RELEASE	SBGR	126.214	12:01
ARR FUEL	KIAH	21.749	02:15

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		126.214	218.676
Ramp Weight		466.443	547.000
Take-Off Weight SBGR		465.648	545.000
Landing Weight KIAH		362.614	425.000
Underload		59.771	Lim ZFW
Max Extra Fuel		62.386	Lim CAP

Cost Planning		
Flight Time	09:19	\$ 46.718
Fuel	104.465	\$ 41.414
Total		\$ 88.132
Per Pax		\$ 351
Per 10.000 lb Payload		\$ 16.881

TRADEWIND ALASKA FLIGHTPLAN - IFR TCC320D N78901 SBGR-KIAH

ALL WEIGHTS IN POUNDS (LB)

STD 17NOV/2255Z

OFP 1 - PREPARED 17NOV/1616Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR320D/TCC320D N78901/B789-1B74-75 SEL/AHBF ROUTE: SBGRKIAH01

DEP: SBGR/GRU 09L ELEV 2461 FT COST INDEX: 200 TTL G/C DIST: 4271 NM
ARR: KIAH/IAH 27 ELEV 96 FT INIT ALT: FL360 TTL F/P DIST: 4315 NM
FUEL BIAS: 100.0% TTL AIR DIST: 4471 NM
AVG WIND CMP: HD017 KT

ALT: KAUS/AUS 17R ELEV 542 FT 135 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	288021	251	0	52208	59771 ZFW	MAX 400000	545000	425000
						PLN 340229	465648	362614
						ACT .....	.....	.....

	FUEL	CORR	ENDUR	
TRIP	103034	.....	09:19	
CONT 5%	5152	.....	00:35	
ALTN KAUS	5827	.....	00:34	
FINAL RESV	4362	.....	00:30	
HOLD	2914	.....	00:20	
ADD FUEL	1944	.....	00:12	
MIN T/O	123233	.....	11:31	.....
EXTRA	2186	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	795	.....	00:15	
RELEASE	126214	.....	12:01	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	21749	.....	02:15	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 218676 LB / MAX EXTRA FUEL 64572 LB LIM BY CAPACITY
TRIP CORR FOR 10000 LB TOW INCR: +1816 LB / 10000 LB TOW DECR: -1941 LB
2000 FT LOWER: +944 LB / EET 09:09 CLB: 250/310/85 DES: 85/310/250

SBGR	STD 22:55Z/19:55L	ETD 22:55Z	ACT OFBL	EST T/O 23:10Z	ACT T/O
KIAH	STA 09:10Z/03:10L	ETA 08:41Z	ACT ONBL	EST LDG 08:29Z	ACT LDG
	SKD 10:15	PLN 09:46	TTL BLCK	EST FLT 09:19	TTL FLT

ATC ROUTE: N0498F360 UKBE1C UKBEV UL201 MABMA/N0494F380 UL201 MINIB/N0484F400
UL201 MTU UM782 KEHLI/N0478F430 A766 KELPP LINKK1

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
KAUS/17R	135	6000	042	HD011	00:34	5827	-	BNDT05 MNURE WLEEE5

MOST CRITICAL MORA 15700 FT AT EJA

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL REM / USED	LEG	ACC
-FIR	NAME		ISA	WND/SPD	GS	REM	POSITION		ETO / ATO	
	SBGR/09L		2461	072				125.4 / 0.8		
	GUARULHOS-GOV	ANDRE				4315	S2326.1 W04629.0	/.....		
UKBE1C	BCO	094	*CLB	072	116.00	6	123.9 / 2.3	02 00.02		
	BONSUCESSO SAO PAULO	P11	064/005			4310	S2324.4 W04623.1	/.....		
UKBE1C	GR082	057	*CLB	072		7	123.2 / 3.0	02 00.04		
			P12	337/007		4303	S2318.9 W04618.9	/.....		

UKBE1C	GR083	349	*CLB 072	7	122.5 / 3.7	01	00.05
			P13 320/008	4296	S2313.2 W04622.8	/.....	
UKBE1C	BGC	349	*CLB 092 116.20	19	121.1 / 5.1	03	00.08
-SBBS	BRAGANCA	BRAGANCA PA	P15 287/009	4277	S2257.1 W04634.2	/.....	
UKBE1C	GR719	001	*CLB 092	9	120.5 / 5.7	01	00.09
-SBCW			P16 258/010	4268	S2248.5 W04637.7	/.....	
UKBE1C	GR022	323	*CLB 092	10	119.9 / 6.3	02	00.11
			P15 234/014	4258	S2243.2 W04647.0	/.....	
UKBE1C	*BDRY	323	*CLB 092	10	119.3 / 6.9	01	00.12
-SBBS			P14 231/016	4247	S2237.8 W04656.4	/.....	
UKBE1C	GR023	323	*CLB 092	3	119.2 / 7.0	01	00.13
			P13 234/016	4245	S2236.5 W04658.7	/.....	
UKBE1C	UKBEV	323	*CLB 092	6	118.9 / 7.3	00	00.13
			P12 240/016	4238	S2233.1 W04704.6	/.....	
UL201	PIR	358	*CLB 052 115.80	37	117.3 / 8.9	05	00.18
	PIRASSUNUNGA		P09 262/017	4201	S2159.1 W04720.7	/.....	
UL201	*TOC	356	FL360 052	498 37	115.9 / 10.3	04	00.22
			P07 272/021	488 4164	S2125.5 W04737.9	/.....	
UL201	RPR	356	FL360 052 330.0	498 19	115.4 / 10.8	03	00.25
	RIBEIRAO	RIBEIRAO PR	P07 272/021	487 4145	S2108.6 W04746.6	/.....	
UL201	DAPVU	317	FL360 052	498 29	114.7 / 11.5	03	00.28
			P08 268/022	479 4116	S2056.4 W04814.3	/.....	
UL201	ASTOB	317	FL360 038	498 36	113.8 / 12.4	05	00.33
			P08 262/022	479 4080	S2040.8 W04849.4	/.....	
UL201	ISLAL	335	FL360 039	499 93	111.5 / 14.7	11	00.44
			P08 256/025	485 3987	S1936.5 W05000.6	/.....	
UL201	TESEK	335	FL360 044	500 66	109.8 / 16.4	08	00.52
			P09 250/027	487 3921	S1850.7 W05050.4	/.....	
	SBCY	335	FL360 044	4	109.7 / 16.5	01	00.53
			P09 242/032	3917	S1847.6 W05053.8	/.....	
UL201	ABUSE	335	FL360 044	501 46	108.6 / 17.6	06	00.59
			P09 248/028	489 3871	S1815.5 W05128.2	/.....	
UL201	MABMA	335	*CLB 048	132	105.4 / 20.9	16	01.15
-SBAZ			P10 246/023	3739	S1642.6 W05306.1	/.....	
UL201	GRACE	334	FL380 042	491 60	103.7 / 22.5	07	01.22
			P05 245/019	482 3679	S1600.3 W05349.8	/.....	
UL201	ISVOM	334	FL380 043	491 15	103.4 / 22.8	02	01.24
			P05 244/018	484 3664	S1549.4 W05401.1	/.....	
UL201	ATAVI	335	FL380 043	491 34	102.6 / 23.7	04	01.28
			P04 247/015	485 3630	S1525.1 W05425.6	/.....	
UL201	GEMAT	334	FL380 043	492 102	100.1 / 26.1	13	01.41
			P05 271/010	484 3529	S1412.8 W05539.2	/.....	

UL201	EQUAL	334	FL380	039		492	38	99.2 / 27.0	05	01.46
				P05	281/007	484	3490	S1345.4 W05606.6	/.....	
UL201	ILMOK	334	FL380	030		492	62	97.7 / 28.5	07	01.53
				P04	303/007	486	3428	S1300.6 W05651.1	/.....	
UL201	ISLUT	334	FL380	030		492	25	97.1 / 29.1	03	01.56
				P05	299/005	486	3403	S1242.4 W05709.0	/.....	
	SBPV	333	FL380	030			145	93.7 / 32.5	18	02.14
				P04	090/000		3257	S1057.6 W05851.4	/.....	
UL201	ARPAR	333	FL380	030		492	37	92.9 / 33.3	05	02.19
				P05	071/005	494	3220	S1030.9 W05917.2	/.....	
UL201	RONEN	332	FL380	027		492	132	89.8 / 36.4	16	02.35
				P04	086/012	500	3088	S0855.4 W06049.5	/.....	
UL201	BARGE	332	FL380	027		492	46	88.8 / 37.4	05	02.40
				P05	091/012	501	3043	S0822.2 W06121.3	/.....	
UL201	OBEBA	332	FL380	023		492	118	86.2 / 40.1	14	02.54
				P04	106/013	505	2924	S0656.5 W06242.8	/.....	
UL201	PERSA	331	FL380	016		493	72	84.6 / 41.6	09	03.03
				P04	097/016	506	2853	S0604.3 W06332.1	/.....	
UL201	EDSUN	331	FL380	030		493	47	83.5 / 42.7	05	03.08
				P04	091/017	505	2806	S0530.3 W06404.1	/.....	
UL201	EGLER	330	FL380	030		493	16	83.2 / 43.0	02	03.10
				P05	090/018	506	2790	S0518.3 W06415.3	/.....	
	SBUA	332	FL380	030			76	81.5 / 44.7	09	03.19
				P05	086/014		2714	S0421.0 W06504.9	/.....	
UL201	BUMBA	332	FL380	030		494	63	80.1 / 46.1	08	03.27
				P05	082/018	504	2651	S0333.1 W06546.2	/.....	
UL201	GAVIT	327	FL380	060		494	76	78.4 / 47.8	09	03.36
				P05	074/019	503	2574	S0239.2 W06640.0	/.....	
UL201	MINIB	327	*CLB	060			29	77.8 / 48.4	03	03.39
				P05	073/018		2546	S0219.0 W06700.3	/.....	
UL201 -SKED	ABIDE	330	FL400	060		485	242	72.3 / 53.9	30	04.09
				M01	084/013	493	2304	N0040.7 W06941.3	/.....	
UL201	MTU MITU	326	FL400	040	112.20	485	47	71.3 / 54.9	05	04.14
				M00	087/011	493	2257	N0114.5 W07014.2	/.....	
	SKBO	335	FL400	040			50	70.2 / 56.0	07	04.21
				M01	110/007		2206	N0155.6 W07043.2	/.....	
UM782	LONAX	334	FL400	043		486	148	67.0 / 59.3	18	04.39
				M00	107/003	489	2059	N0356.0 W07208.4	/.....	
UM782	EJA BARRANCABERMEJA	341	FL400	157	115.90	486	211	62.4 / 63.8	26	05.05
				M01	240/002	486	1848	N0701.7 W07348.3	/.....	
	SKCG	326	FL400	139			51	61.3 / 65.0	06	05.11
				M01	231/007		1796	N0739.8 W07422.8	/.....	
UM782	XOGEN	326	FL400	086		486	11	61.0 / 65.2	01	05.12

-SKEC				M01 237/004 485 1786	N0747.6 W07430.0	/.....
UM782	AGUJA	326	FL400	101 487 257	55.4 / 70.8	32 05.44
-MPZL				M00 295/009 478 1529	N1057.5 W07725.0	/.....
UM782	LONET	329	FL400	010 487 184	51.5 / 74.8	24 06.08
				M01 313/013 474 1345	N1323.1 W07918.8	/.....
	MKJS	328	FL400	010 24	50.9 / 75.3	03 06.11
				M01 302/012 1321	N1342.2 W07934.0	/.....
UM782	ARNAL	328	FL400	014 487 99	48.8 / 77.4	12 06.23
-MKJK				M01 308/018 471 1222	N1500.0 W08036.9	/.....
UM782	DELVI	319	FL400	010 488 126	46.0 / 80.2	16 06.39
-MHTG				M01 307/029 459 1096	N1627.1 W08211.4	/.....
	MMUN	318	FL400	014 102	43.7 / 82.5	14 06.53
				M01 287/034 993	N1737.5 W08329.0	/.....
UM782	OMIRO	317	FL400	014 489 79	41.9 / 84.3	10 07.03
				M01 287/036 456 914	N1831.5 W08429.7	/.....
UM782	TAKUX	322	FL400	010 489 120	39.3 / 86.9	16 07.19
-MMID				M01 280/042 455 794	N2001.6 W08553.8	/.....
UM782	AVSEB	321	FL400	015 489 28	38.7 / 87.6	04 07.23
				M01 281/043 454 766	N2022.2 W08613.5	/.....
UM782	BOTOP	320	FL400	015 489 32	37.9 / 88.3	04 07.27
				M01 282/044 453 734	N2045.9 W08636.4	/.....
UM782	CUN	320	FL400	015 113.60 489 21	37.5 / 88.7	03 07.30
CANCUN				M01 282/046 452 713	N2101.5 W08651.5	/.....
UM782	ADSUN	320	FL400	015 489 40	36.6 / 89.6	05 07.35
				M01 283/050 448 673	N2130.9 W08720.2	/.....
UM782	EPNEL	320	FL400	015 489 10	36.3 / 89.9	02 07.37
				M01 283/051 447 663	N2138.6 W08727.7	/.....
UM782	ALSEG	320	FL400	015 489 19	35.9 / 90.3	02 07.39
				M01 283/053 446 644	N2152.2 W08741.1	/.....
UM782	AGNIX	319	FL400	015 489 2	35.9 / 90.3	00 07.39
				M02 283/053 444 643	N2153.4 W08742.2	/.....
UM782	VOMAR	319	FL400	015 489 20	35.4 / 90.8	03 07.42
				M01 283/055 444 623	N2208.1 W08756.8	/.....
UM782	ITLOM	319	FL400	010 489 43	34.5 / 91.8	06 07.48
				M01 280/059 441 579	N2240.0 W08828.5	/.....
UM782	RORLA	327	FL400	010 490 8	34.3 / 91.9	01 07.49
				M01 280/060 445 571	N2246.6 W08833.4	/.....
UM782	LEVAT	327	FL400	010 490 22	33.8 / 92.4	03 07.52
				M01 280/064 445 549	N2305.0 W08847.0	/.....
UM782	SUVUM	327	FL400	010 490 62	32.4 / 93.8	08 08.00
				M01 278/072 438 487	N2356.2 W08925.4	/.....
UM782	KEHLI	326	*CLB	010 40	31.4 / 94.8	06 08.06
-KZHU				M02 278/077 447	N2429.2 W08950.4	/.....

	KIAH	326	FL430	010		142	27.9 / 98.3	20	08.26
				M07	285/085	305	N2625.0 W09120.5	/.....	
A766	KELPP	325	FL430	010	476	56	26.6 / 99.6	09	08.35
				M09	280/105	396	N2710.5 W09157.0	/.....	
LINKK1	*TOD	319	FL430	014	478	119	23.6 / 102.6	18	08.53
				M07	279/109	386	N2840.2 W09324.7	/.....	
LINKK1	MULLT	318	*DES	018		30	23.5 / 102.7	04	08.57
				P06	285/096	101	N2902.2 W09346.8	/.....	
LINKK1	SKALE	316	*DES	032		22	23.4 / 102.8	04	09.01
				P06	309/050	79	N2918.5 W09403.8	/.....	
LINKK1	LINKK	316	*DES	032		18	23.3 / 102.9	02	09.03
				P10	316/046	61	N2931.8 W09417.8	/.....	
LINKK1	GILLL	302	*DES	032		16	23.1 / 103.0	03	09.06
				P08	305/033	45	N2940.5 W09432.8	/.....	
LINKK1	RDFSH	315	*DES	032		13	23.0 / 103.1	03	09.09
				P07	297/026	32	N2949.7 W09442.9	/.....	
LINKK1	KIAH/27	285	96	032		32	22.4 / 103.8	10	09.19
	GEORGE BUSH INTERCON						N2958.7 W09518.2	/.....	

WIND INFORMATION - OBS 17/NOV 06:00

(CLIMB)

FL330	263/020	-42	FL400	269/026	-57	FL400	257/031	-57	FL400	250/032	-57
FL260	238/016	-24	FL380	271/023	-53	FL380	257/029	-52	FL380	249/031	-52
FL200	251/009	-9	FL360	272/022	-49	FL360	256/026	-48	FL360	248/028	-47
FL130	318/007	+3	FL340	273/021	-44	FL340	255/023	-43	FL340	247/025	-42
6000	043/006	+15	FL320	269/018	-39	FL320	254/018	-38	FL320	248/020	-37

GRACE

FL420	248/022	-62	FL420	249/012	-63	FL420	229/008	-63	FL420	119/006	-62
FL400	247/021	-57	FL400	263/011	-57	FL400	272/006	-57	FL400	087/005	-57
FL380	246/020	-52	FL380	272/010	-52	FL380	303/007	-52	FL380	072/005	-52
FL360	243/019	-47	FL360	264/010	-47	FL360	301/005	-47	FL360	093/004	-47
FL340	240/018	-41	FL340	255/009	-41	FL340	295/003	-41	FL340	124/004	-41

GEMAT

ILMOK

ARPAR

RONEN

FL420	102/013	-62	FL420	106/016	-62	FL420	088/014	-62	FL420	072/018	-62
FL400	091/013	-57	FL400	106/016	-57	FL400	091/017	-57	FL400	079/019	-57
FL380	086/012	-52	FL380	106/014	-52	FL380	092/018	-52	FL380	083/019	-52
FL360	098/009	-47	FL360	105/011	-47	FL360	087/014	-47	FL360	082/016	-47
FL340	119/007	-41	FL340	102/007	-41	FL340	078/009	-41	FL340	080/013	-41

OBEBA

EDSUN

BUMBA

ABIDE

FL440	080/014	-67	FL440	100/005	-66	FL440	197/005	-66	FL440	274/011	-66
FL420	082/014	-62	FL420	103/004	-62	FL420	210/003	-62	FL420	283/010	-62
FL400	084/013	-57	FL400	108/004	-57	FL400	240/002	-57	FL400	296/010	-57
FL380	084/012	-52	FL380	093/003	-52	FL380	313/002	-52	FL380	319/009	-52
FL360	077/009	-47	FL360	015/004	-47	FL360	005/005	-47	FL360	356/011	-47

LONAX

EJA

AGUJA

LONET

FL440	307/016	-66	FL440	306/024	-67	FL440	311/029	-67	FL440	284/039	-67
FL420	310/015	-62	FL420	307/021	-63	FL420	309/029	-62	FL420	285/038	-62
FL400	313/013	-57	FL400	308/019	-58	FL400	307/029	-58	FL400	287/036	-58
FL380	320/013	-52	FL380	310/016	-53	FL380	305/028	-53	FL380	289/035	-52
FL360	330/014	-47	FL360	311/015	-48	FL360	301/024	-48	FL360	289/032	-48

ARNAL

DELVI

OMIRO

TAKUX

FL440	275/043	-67	FL440	283/051	-67	FL440	284/059	-67	FL470	283/092	-69
FL420	278/043	-62	FL420	283/051	-63	FL420	282/060	-63	FL450	283/105	-68
FL400	281/042	-58	FL400	283/051	-58	FL400	281/061	-58	FL430	280/106	-65
FL380	282/042	-53	FL380	283/050	-53	FL380	279/061	-53	FL410	276/104	-61
FL360	281/039	-48	FL360	282/047	-48	FL360	279/059	-48	FL390	272/103	-57

ADSUN

RORLA

KELPP

(DESCENT)

FL400	275/116	-58
FL320	274/083	-43
FL240	281/045	-25
16000	290/034	-7
8000	283/021	+5

END FLIGHTPLAN 03555 TCC320D N78901 SBGR-KIAH 17NOV2019

[ATC FLIGHTPLAN]

(FPL-TCC320D-IS
-B789/H-SABDE1FGHIJ2J3J4J5KP1P2P3RWXYZ/HB2U2V2D1G1
-SBGR2255
-N0498F360 UKBE1C UKBEV UL201 MABMA/N0494F380 UL201
MINIB/N0484F400 UL201 MTU UM782 KEHLI/N0478F430 A766 KELPP
LINKK1
-KIAH0919 KAUS
-PBN/A1B1C1D1L1O1S1 NAV/RNVD1E1A1 DOF/191117 REG/N78901
EET/SBBS0012 SBZ0115 SKED0409 SKEC0512 MPZL0544 MKJK0623
MHTG0639 MMID0719 KZHU0806
SEL/AHBF CODE/AAB467 RVR/75 OPR/TRADEWIND ALASKA
ORGN/PANCTAAP PER/D
RMK/TCAS
-E/1146)

[PLANNING WEATHER]

ORIGIN: SBGR/GRU (GUARULHOS-GOV ANDRE FRANCO MON, BRAZIL)

UTC -03:00

SBGR 171600Z 13010KT 9999 BKN030 22/16 Q1015
SBGR 171000Z 1712/1818 10005KT CAVOK TX24/1717Z TN15/1809Z
BECMG 1713/1715 SCT035
BECMG 1716/1718 16012KT
BECMG 1720/1722 CAVOK
BECMG 1800/1802 10005KT BKN015
BECMG 1804/1806 BKN008
BECMG 1810/1812 12005KT SCT013
BECMG 1813/1815 15008KT SCT035
RMK PGN

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

KIAH 171553Z 00000KT 10SM BKN250 13/05 A3011 RMK A02 SLP198 T01330050
KIAH 171500Z 1715/1818 VRB04KT P6SM BKN250
FM172100 27003KT P6SM SCT045 BKN250
FM180300 VRB03KT P6SM BKN040 BKN250
FM181200 34004KT 6SM BR FEW030 SCT250
FM181500 35005KT P6SM SKC

ALTERNATE: KAUS/AUS (AUSTIN-BERGSTROM INTL, UNITED STATES)

UTC -06:00

KAUS 171553Z 18004KT 10SM BKN032 OVC250 13/07 A3008 RMK A02 SLP189
T01280067
KAUS 171517Z 1715/1818 20005KT P6SM BKN030
FM171600 19005KT P6SM BKN040
FM180200 29005KT P6SM SCT250

MHTG/TGU (TONCONTIN INTL, HONDURAS)

UTC -06:00

MHTG 171600Z 03012KT 9999 FEW028 22/14 Q1021 A3015 NOSIG
MHTG 171045Z 1712/1812 36010KT 9999 FEW012 SCT025 TX23/1721Z TN15/1712Z
BECMG 1718/1720 SCT028 SCT090
BECMG 1800/1802 SCT026
BECMG 1806/1807 06006KT FEW010 SCT024

ADEQUATE: SBCY/CGB (MARECHAL RONDON INTL, BRAZIL)

UTC -04:00

SBCY 171600Z 09004KT 9999 FEW020 36/17 Q1007
SBCY 170930Z 1712/1812 31005KT 9999 FEW020 TX33/1718Z TN25/1809Z
BECMG 1716/1718 14005KT
PROB30 1718/1722 SCT030 FEW035TCU
BECMG 1722/1724 05005KT
BECMG 1802/1804 31005KT
RMK PHI

ADEQUATE: SBPV/PVH (GOVERNADOR JORGE TEIXEIRA DE O, BRAZIL)

UTC -04:00

SBPV 171600Z 27002KT 9999 BKN020 30/26 Q1008
SBPV 170930Z 1712/1812 36005KT 9999 FEW015 TX30/1719Z TN24/1810Z
BECMG 1715/1717 BKN020 FEW025TCU
PROB30 1718/1722 TS SCT020 FEW025CB
BECMG 1722/1724 FEW010
PROB30 1806/1812 3000 BR BKN003
RMK PHI

ADEQUATE: SBUA/SJL (SAO GABRIEL DA CACHOEIRA, BRAZIL)

UTC -04:00

SBUA 171300Z 15001KT 9999 BKN007 BKN015 BKN070 26/24 Q1010
SBUA 161000Z 1612/1624 00000KT 8000 BKN008 FEW025TCU TN25/1612Z TX34/
1618Z
BECMG 1613/1615 32005KT 9999 BKN015
BECMG 1617/1619 06005KT SCT017 FEW025TCU
PROB40 1619/1622 4000 TSRA BKN015 FEW025CB
RMK PDZ

ADEQUATE: SKBO/BOG (EL DORADO INTL, COLOMBIA)

UTC -05:00

SKBO 171600Z 28004KT 9999 BKN020 SCT070 18/09 A3028 NOSIG
SKBO 171030Z 1712/1812 VRB02KT 9999 FEW017 SCT090
BECMG 1715/1717 34011KT
PROB40 TEMPO 1720/1723 DZ SCT015TCU BKN080
BECMG 1802/1804 VRB02KT TX20/1718Z TN09/1811Z

ADEQUATE: SKCG/CTG (RAFAEL NUNEZ, COLOMBIA)

UTC -05:00

SKCG 171600Z 01010KT 9999 FE017 SCT200 30/25 A2979
SKCG 171030Z 1712/1812 03004KT 9999 FEW017 SCT090
BECMG 1715/1717 32011KT
PROB40 TEMPO 1721/1723 TS SCT015CB
BECMG 1802/1804 VRB02KT TX32/1719Z TN25/1811Z

ADEQUATE: MKJS/MBJ (SANGSTER INTL, JAMAICA)

UTC -05:00

MKJS 171600Z 26004KT 9999 FEW018 SCT020CB 29/21 Q1010
MKJS 171115Z 1712/1812 VRB02KT 9999 FEW022
TEMPO 1715/1720 5000 TSRA SCT018 BKN020CB
BECMG 1718/1720 05005KT
BECMG 1802/1804 VRB02KT

ADEQUATE: MMUN/CUN (CANCUN INTL, MEXICO)

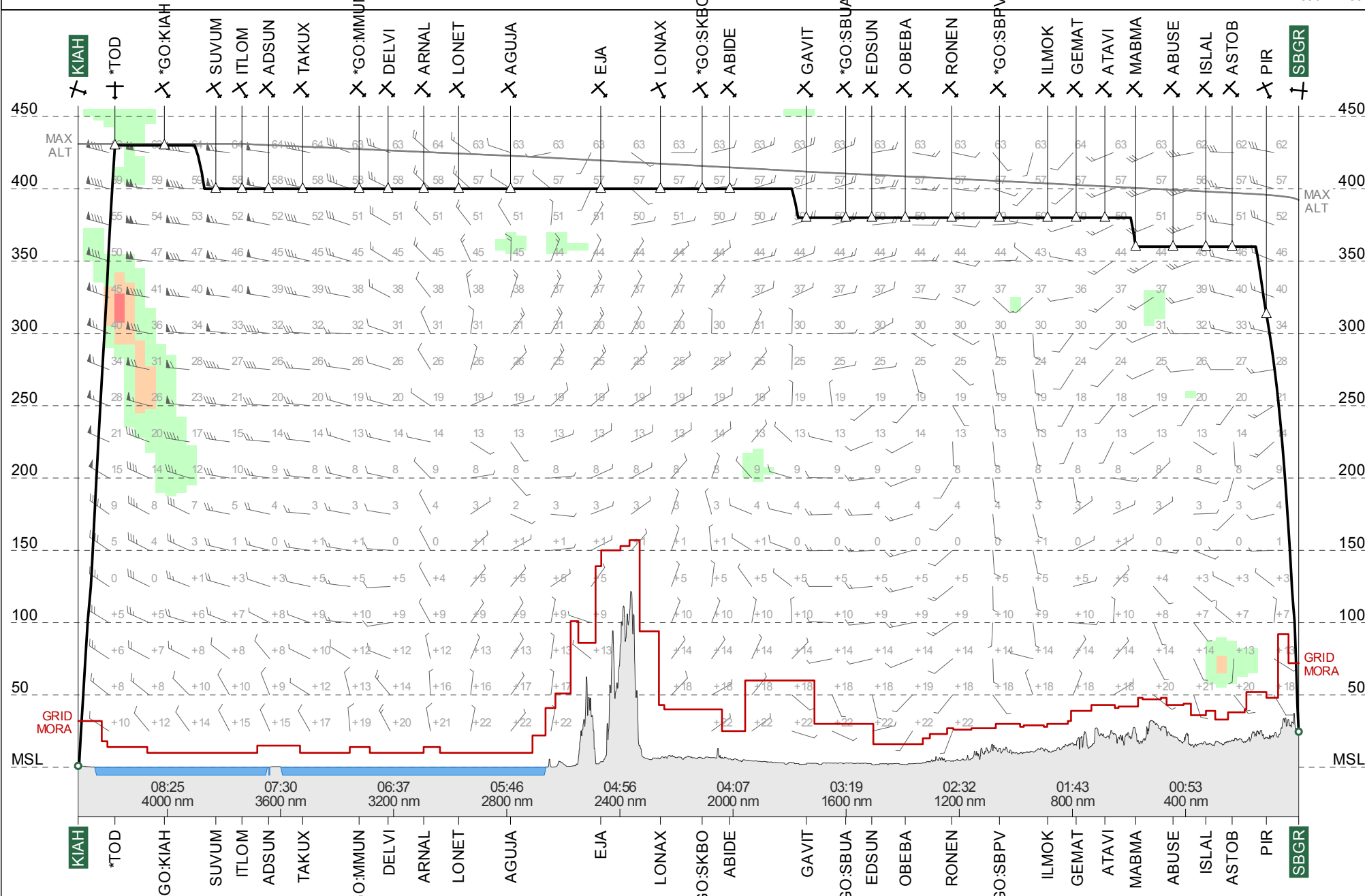
UTC -06:00

MMUN 171543Z 35006KT 7SM FEW015 FEW065 25/19 A2998 RMK 8/130 SC N CI
MMUN 171113Z 1712/1818 30005KT P6SM SCT020 TX28/1721Z TN15/1712Z
TEMPO 1712/1716 BKN015
FM171600 33012KT P6SM SCT015
FM180300 03005KT P6SM SCT015
FM181500 03010KT P6SM SCT015

TR320D #1

KIAH ← SBGR

ETD 17 Nov 22:55z
N78901 B789



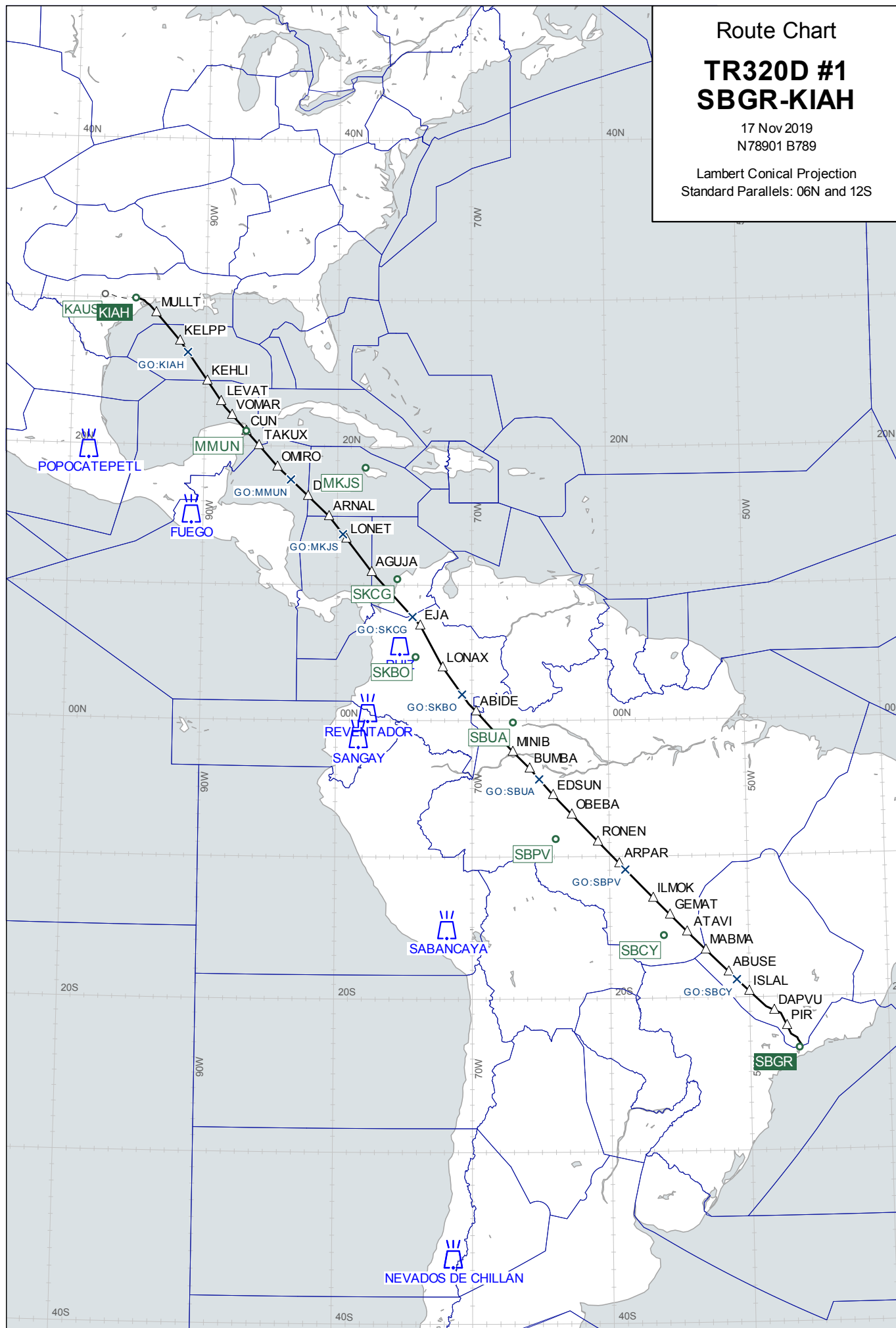
Route Chart

TR320D #1

SBGR-KIAH

17 Nov 2019
N78901 B789

Lambert Conical Projection
Standard Parallels: 06N and 12S



Wind Chart

FL400

TR320D #1 SBGR-KIAH

Observed 17 Nov 2019 12:00 UTC

Valid 18 Nov 2019 04:00 UTC

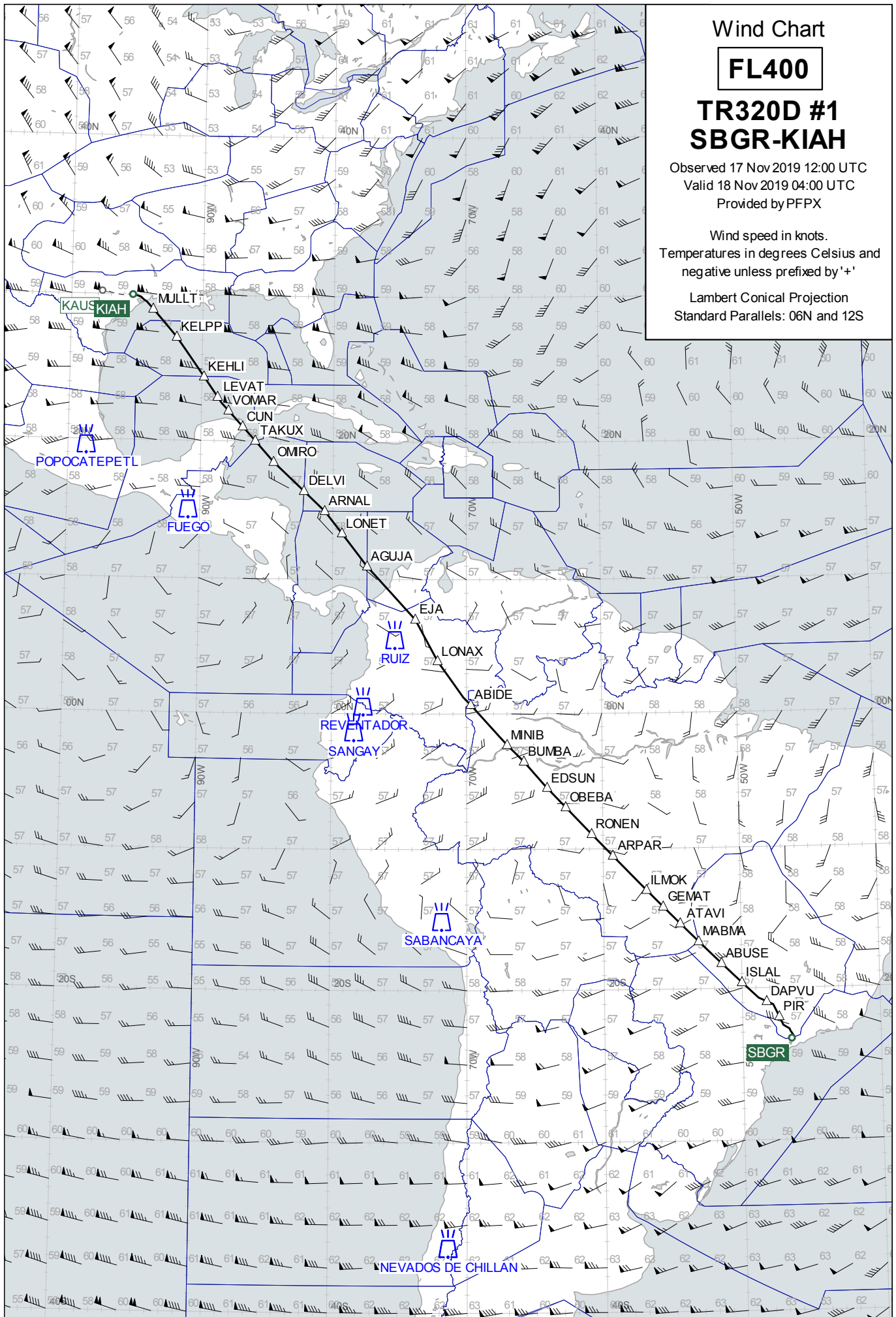
Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection

Standard Parallels: 06N and 12S



Wind Chart

FL360

TR320D #1 SBGR-KIAH

Observed 17 Nov 2019 12:00 UTC

Valid 18 Nov 2019 04:00 UTC

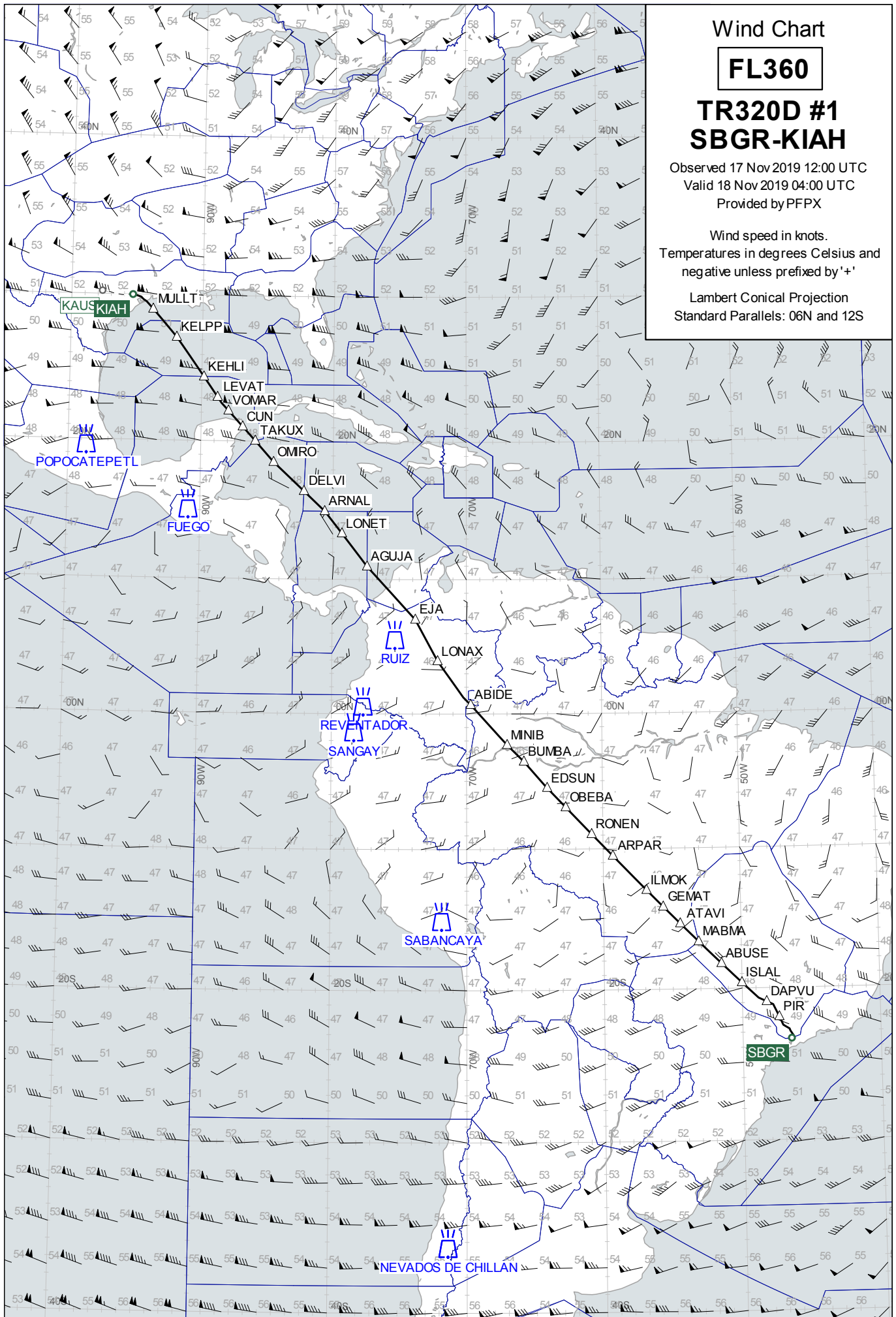
Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection

Standard Parallels: 06N and 12S



Wind Chart

FL440

TR320D #1 SBGR-KIAH

Observed 17 Nov 2019 12:00 UTC

Valid 18 Nov 2019 04:00 UTC

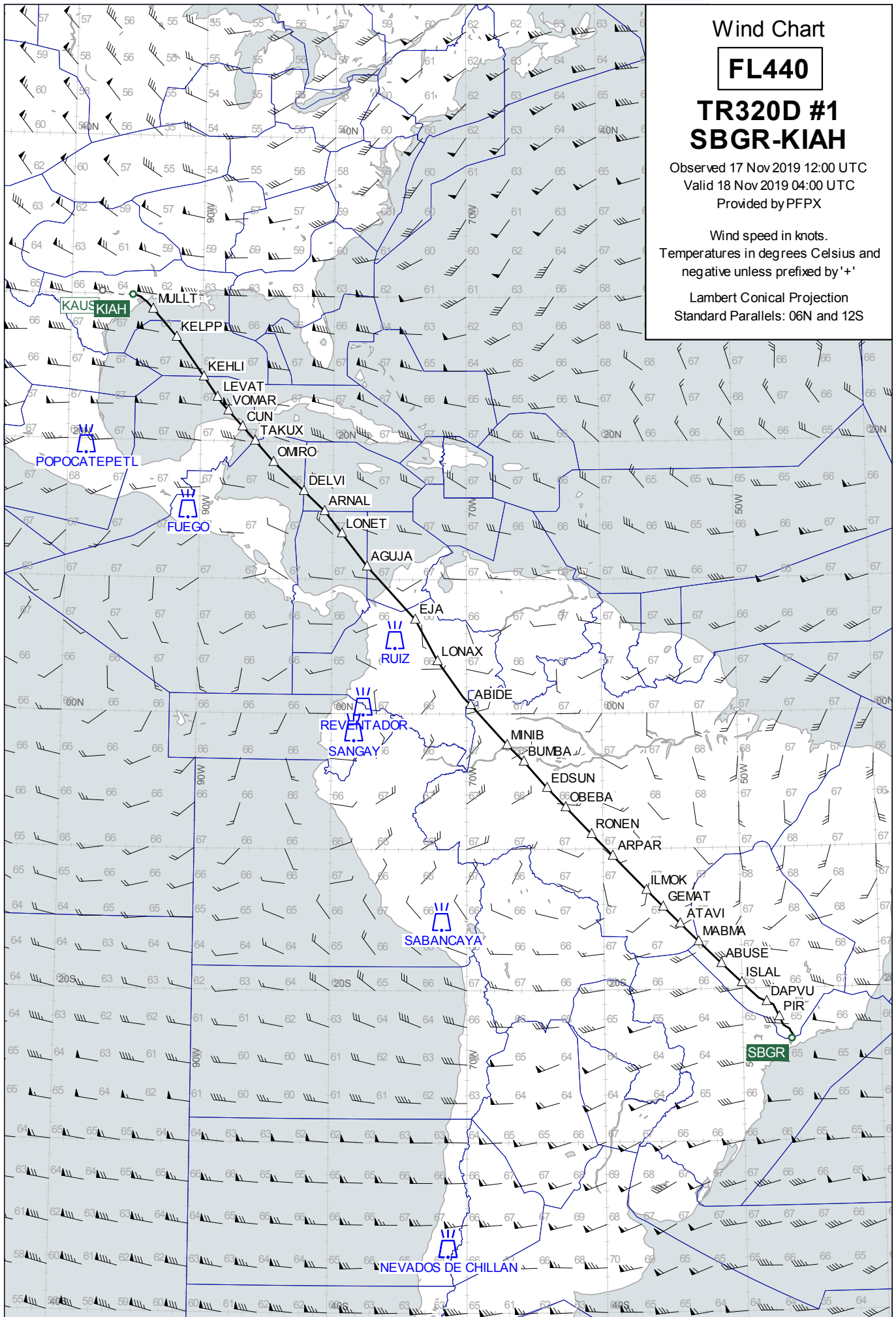
Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection

Standard Parallels: 06N and 12S



Destination Area

FL150

TR320D #1
SBGR-KIAH

Observed 17 Nov 2019 12:00 UTC

Valid 18 Nov 2019 08:00 UTC

Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection
Standard Parallels: 28N and 32N

