



Flight Briefing Package

TCC221B KPHL-SBGR

01-Nov-2025 #1

RELEASE #1

PHILADELPHIA INTL
(UNITED STATES)

-

GUARULHOS-GOV ANDRE FRANCO MON
(BRAZIL)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

01 NOV 2019 UTC

TCC221B KPHL-SBGR (01-Nov-2025) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC221B PJTGD KPHL-SBGR

ALL WEIGHTS IN KILOGRAMS (KG)

STD 01NOV/2150Z

OFP 1 - PREPARED 01NOV/2019Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR221B/TCC221B PJTGD/B777-2LR GE SEL/EFAD ROUTE: KPHLSBGR01

DEP: KPHL/PHL 27L ELEV 36 FT COST INDEX: 250 TTL G/C DIST: 4133 NM

ARR: SBGR/GRU 10R ELEV 2461 FT INIT ALT: FL350 TTL F/P DIST: 4267 NM

FUEL BIAS: 103.8% TTL AIR DIST: 4272 NM

AVG WIND CMP: HD001 KT

ALT: SBKP/VCP 33 ELEV 2170 FT 47 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156746	263	0	32349	20011 ZFW	MAX 209106	347452	223167
						PLN 189095	263732	201332
						ACT .....	.....	.....

	FUEL	CORR	ENDUR
TRIP	62400	.....	08:50
CONT 5%	3120	.....	00:30
ALTN SBKP	1307	.....	00:13
FINAL RESV	3126	.....	00:30
HOLD	2081	.....	00:20
ADD FUEL	1042	.....	00:10
MIN T/O	73076	.....	10:33
EXTRA	1561	.....	00:15
TAXI	1005	.....	00:15
RELEASE	75642	.....	11:03
ARR FUEL	11567	.....	01:48

CAPTAINS SIGNATURE (....)

I ACCEPT THIS OFP AND I AM FAMILIAR
WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 23396 KG LIM BY LDW

TRIP CORR FOR 4000 KG TOW INCR: +745 KG / 4000 KG TOW DECR: -714 KG

2000 FT LOWER: +567 KG / EET 08:42 CLB: 250/310/84 DES: 84/320/250

KPHL	STD 21:50Z/17:50L	ETD 21:50Z	ACT OFBL	EST T/O 22:05Z	ACT T/O
SBGR	STA 07:25Z/04:25L	ETA 07:05Z	ACT ONBL	EST LDG 06:55Z	ACT LDG
	SKD 09:35	PLN 09:15	TTL BLCK	EST FLT 08:50	TTL FLT

***** 90 MIN ETOPS CRITICAL FUEL SUMMARY *****

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (TXKF)	134 NM BEFORE TARMO	N25 41.2 W063 30.6	EET 02:14
ETOPS EXIT (TNCM)	79 NM BEFORE TARMO	N24 47.2 W063 19.2	EET 02:21
ETOPS ENTRY (SBEG)	13 NM BEFORE PUMKU	S04 38.5 W053 28.2	EET 06:08
ETOPS EXIT (SBBR)	43 NM BEFORE VUMON	S09 49.1 W050 59.3	EET 06:51

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

TXKF (01:12-01:33)

TNCM (01:21-01:33)

SBEG (05:04-06:05)

SBBR (05:47-06:05)

TCC221B KPHL-SBGR (01-Nov-2025) #1

ONE ENGINE OUT DECOMP ETP 1 FOR TXKF/TNCM 84/320/250 DESC TO FL100 CRUISE AT 1E0320 PLN FUEL OVER ETP 54469 ETP FUEL REQ 10695 ETP TO TXKF (N32 21.9 W064 40.7) DIST 441 NM ETP TO TNCM (N18 02.5 W063 06.5) DIST 426 NM *** FUEL DUMP REQUIRED ***	N25 07.2 W063 23.4 EET 02:19 99 NM BEFORE TARMO DIV TIME 01:09 WC TL010 TT 351 WC HD004 TT 178
--	---

ALL ENGINE DECOMP ETP 1 FOR TXKF/TNCM 84/320/250 DESC TO FL100 CRUISE AT AE320 PLN FUEL OVER ETP 54469 ETP FUEL REQ 10213 ETP TO TXKF (N32 21.9 W064 40.7) DIST 441 NM ETP TO TNCM (N18 02.5 W063 06.5) DIST 426 NM *** FUEL DUMP REQUIRED ***	N25 07.2 W063 23.4 EET 02:19 99 NM BEFORE TARMO DIV TIME 01:09 WC TL010 TT 351 WC HD004 TT 178
---	---

ONE ENGINE OUT ETP 1 FOR TXKF/TNCM 1E084/320 DESC TO FL254 CRUISE AT 1E0320 PLN FUEL OVER ETP 54425 ETP FUEL REQ 10912 ETP TO TXKF (N32 21.9 W064 40.7) DIST 444 NM ETP TO TNCM (N18 02.5 W063 06.5) DIST 423 NM *** FUEL DUMP REQUIRED ***	N25 04.3 W063 22.8 EET 02:19 96 NM BEFORE TARMO DIV TIME 00:57 WC TL011 TT 351 WC HD011 TT 178
--	---

ONE ENGINE OUT DECOMP ETP 2 FOR SBEG/SBBR 84/320/250 DESC TO FL100 CRUISE AT 1E0320 PLN FUEL OVER ETP 25295 ETP FUEL REQ 12623 ETP TO SBEG (S03 02.5 W060 03.0) DIST 556 NM ETP TO SBBR (S15 52.3 W047 55.1) DIST 546 NM	S07 43.5 W052 02.6 EET 06:33 10 NM BEFORE TOPUR DIV TIME 01:27 WC TL009 TT 300 WC TL002 TT 154
--	---

ALL ENGINE DECOMP ETP 2 FOR SBEG/SBBR 84/320/250 DESC TO FL100 CRUISE AT AE320 PLN FUEL OVER ETP 25295 ETP FUEL REQ 12046 ETP TO SBEG (S03 02.5 W060 03.0) DIST 556 NM ETP TO SBBR (S15 52.3 W047 55.1) DIST 546 NM	S07 43.5 W052 02.6 EET 06:33 10 NM BEFORE TOPUR DIV TIME 01:27 WC TL009 TT 300 WC TL002 TT 154
---	---

ONE ENGINE OUT ETP 2 FOR SBEG/SBBR 1E084/320 DESC TO FL293 CRUISE AT 1E0320 PLN FUEL OVER ETP 25281 ETP FUEL REQ 12472 ETP TO SBEG (S03 02.5 W060 03.0) DIST 556 NM ETP TO SBBR (S15 52.3 W047 55.1) DIST 545 NM	S07 44.4 W052 02.1 EET 06:34 9 NM BEFORE TOPUR DIV TIME 01:09 WC TL007 TT 300 WC HD002 TT 154
--	--

ATC ROUTE: M086F350 DCT KINER L461 BOVIC DCT PIREX/M084F360 L462 LAMKN UL462
ANU/N0492F370 UA312 TONOM UL452 ILKUS/N0491F380 UZ38 VUNOX SANP1A

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
SBKP/33	47	FL100	072	HD017	00:13	1307	-	DCT

MOST CRITICAL MORA 9200 FT AT VUNOX

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
-FIR	NAME			ISA	WND/SPD	GS	REM	POSITION		ETO	/ ATO
	KPHL/27L		36	027				74.6 /	1.0		

TCC221B KPHL-SBGR (01-Nov-2025) #1

PHILADELPHIA INTL 4267 N3952.1 W07514.4/.....

DCT *BDRY 134 *CLB 027 22 72.3 / 3.3 06 00.06
-KZNY P04 233/028 4244 N3942.1 W07453.7/.....

DCT *BDRY 131 *CLB 022 70 70.0 / 5.7 09 00.15
P09 231/124 4174 N3907.7 W07334.6/.....

DCT *TOC 132 FL350 015 494 6 69.8 / 5.8 00 00.15
P09 232/125 528 4169 N3905.0 W07328.5/.....

DCT *BDRY 133 FL350 015 493 141 67.8 / 7.8 16 00.31
-KZWY P09 235/130 534 4028 N3753.2 W07053.9/.....

TXKF 135 FL350 010 82 66.7 / 9.0 09 00.40
P09 241/114 3946 N3709.8 W06926.0/.....

----- 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 (....) _____

DCT KINER 136 FL350 010 494 66 65.7 / 9.9 08 00.48
P10 241/110 538 3880 N3634.5 W06817.3/.....

L461 BOVIC 156 FL350 010 496 129 63.8 / 11.8 15 01.03
P10 239/076 499 3751 N3452.4 W06640.1/.....

DCT PIREX 174 *CLB 010 351 58.4 / 17.2 44 01.47
P11 235/030 3399 N2922.5 W06419.3/.....

L462 KOZIK 183 FL360 010 494 157 56.0 / 19.7 19 02.06
P10 239/010 490 3242 N2648.5 W06345.0/.....

----- ETOPS ENTRY (TXKF) 0134 NM BEFORE TARMO EET 02:14 -----

*ETP 1 184 FL360 010 494 106 54.4 / 21.2 13 02.19
TXKF/TNCM P10 241/008 491 3136 N2504.3 W06322.8/.....

----- ETOPS EXIT (TNCM) 0079 NM BEFORE TARMO EET 02:21 -----

L462 TARMO 184 FL360 010 495 96 53.0 / 22.6 12 02.31
P10 060/006 497 3040 N2330.0 W06303.2/.....

L462 ZABOR 184 FL360 010 495 129 51.2 / 24.5 15 02.46
P10 056/007 498 2911 N2123.5 W06237.6/.....

L462 DAWIN 184 FL360 010 495 52 50.4 / 25.2 07 02.53
-TJZS P10 059/007 498 2858 N2032.3 W06227.5/.....

L462 NEYDU 184 FL360 014 495 96 49.1 / 26.6 11 03.04
P11 071/010 496 2763 N1858.4 W06209.2/.....

L462 LAMKN 184 FL360 014 495 59 48.2 / 27.4 07 03.11

TCC221B KPHL-SBGR (01-Nov-2025) #1

-TTZP			P10	075/017	496	2703	N1800.0	W06158.0	/.....
UL462	ANU	185	*CLB	027	114.50	53	47.5 /	28.2	07 03.18
	V C BIRD SAINT JOHNS		P10	077/018		2650	N1707.6	W06148.0	/.....
UA312	PPR	179	FL370	072	112.90	492 54	46.6 /	29.0	06 03.24
	MARYSE CONDE GUADELO		P08	082/019	489 2596		N1615.9	W06132.4	/.....
	TBPB	178	FL370	075		47	46.0 /	29.7	06 03.30
			P09	067/018		2549	N1530.5	W06118.3	/.....
UA312	FOF	179	FL370	075	113.30	492 58	45.1 /	30.5	07 03.37
	MARTINIQUE		P09	069/019	494 2491		N1435.5	W06101.4	/.....
UA312	TOXUN	176	FL370	057		493 63	44.3 /	31.4	08 03.45
			P09	069/020	493 2428		N1336.1	W06040.6	/.....
UA312	DALGA	177	FL370	035		493 297	40.1 /	35.5	36 04.21
-SYGC			P09	047/013	499 2131		N0855.2	W05904.3	/.....
UA312	LEPOD	178	FL370	020		493 26	39.8 /	35.9	03 04.24
			P09	046/013	499 2105		N0830.3	W05855.9	/.....
UA312	LOKIT	178	FL370	017		493 52	39.1 /	36.6	06 04.30
			P09	063/009	494 2053		N0741.0	W05839.4	/.....
	SOCA	178	FL370	023		51	38.4 /	37.3	06 04.36
			P09	062/009		2002	N0652.7	W05823.2	/.....
UA312	TIM	178	FL370	023	113.50	493 24	38.0 /	37.6	03 04.39
	TIMEHRI GEORGETOWN		P09	062/010	495 1978		N0629.8	W05815.6	/.....
UA312	*BDRY	175	FL370	037		493 96	36.7 /	38.9	12 04.51
-SMPM			P09	053/006	495 1882		N0501.1	W05739.9	/.....
UA312	KOXAM	175	FL370	040		493 2	36.7 /	39.0	00 04.51
			P09	053/006	495 1880		N0458.8	W05739.0	/.....
UA312	TONOM	176	FL370	051		494 195	34.0 /	41.6	24 05.15
-SBAZ			P08	066/008	494 1685		N0157.4	W05629.3	/.....
UL452	ESUNA	173	FL370	040		494 33	33.6 /	42.1	04 05.19
			P08	066/008	494 1652		N0127.0	W05615.4	/.....
UL452	TIKBA	173	FL370	040		494 26	33.2 /	42.4	03 05.22
			P08	067/008	494 1626		N0103.8	W05604.8	/.....
	SBEG	174	FL370	040		24	32.9 /	42.7	03 05.25
			P08	068/009		1602	N0042.0	W05554.9	/.....
UL452	DARBU	174	FL370	055		495 203	30.1 /	45.5	25 05.50
			P09	101/010	489 1399		S0222.6	W05430.5	/.....
UL452	TORAX	175	FL370	030		495 60	29.3 /	46.3	07 05.57
			P09	108/009	489 1339		S0316.8	W05405.7	/.....
UL452	ELABI	175	FL370	031		495 71	28.3 /	47.3	09 06.06
			P08	159/009	485 1268		S0421.2	W05336.1	/.....

TCC221B KPHL-SBGR (01-Nov-2025) #1

----- ETOPS ENTRY (SBEG) 0013 NM BEFORE PUMKU EET 06:08 -----

UL452	PUMKU	175	FL370	031	495	32	27.9 / 47.7	04	06.10
			P08	158/009	485	1236	S0450.4 W05322.7	/.....	

UL452	RONUB	175	FL370	035	495	99	26.5 / 49.1	12	06.22
			P08	157/010	485	1137	S0620.2 W05241.3	/.....	

	*ETP 2	175	FL370	037	495	92	25.3 / 50.3	11	06.33
	SBEG/SBBR		P08	169/010	485	1045	S0743.5 W05202.6	/.....	

UL452	TOPUR	176	FL370	038	495	10	25.2 / 50.5	02	06.35
			P08	171/010	485	1035	S0752.9 W05158.2	/.....	

UL452	IBDAN	176	FL370	038	495	16	24.9 / 50.7	02	06.37
			P08	213/016	485	1019	S0807.5 W05151.3	/.....	

----- ETOPS EXIT (SBBR) 0043 NM BEFORE VUMON EET 06:51 -----

UL452	VUMON	174	FL370	037	495	157	22.8 / 52.8	19	06.56
			P08	208/017	485	861	S1027.3 W05039.5	/.....	

UL452	*BDRY	173	FL370	030	495	4	22.8 / 52.9	01	06.57
-SBBS			P08	209/017	485	858	S1030.6 W05037.8	/.....	

UL452	PAMOV	173	FL370	030	495	38	22.2 / 53.4	04	07.01
			P08	214/017	486	820	S1104.3 W05019.6	/.....	

UL452	KORVO	173	FL370	033	494	121	20.6 / 55.0	15	07.16
			P07	233/023	490	699	S1250.7 W04921.4	/.....	

UL452	ILKUS	174	*CLB	058		142	18.8 / 56.9	18	07.34
			P07	233/022		557	S1455.4 W04811.9	/.....	

UZ38	GEKON	180	FL380	072	491	21	18.4 / 57.2	02	07.36
			P05	234/023	485	535	S1515.1 W04803.6	/.....	

UZ38	MUDBI	180	FL380	072	491	39	17.9 / 57.7	05	07.41
			P05	237/024	486	497	S1551.0 W04748.4	/.....	

UZ38	MULUV	180	FL380	057	491	38	17.4 / 58.2	05	07.46
			P04	247/036	489	458	S1626.2 W04733.3	/.....	

UZ38	ENRUR	183	FL380	055	491	68	16.5 / 59.1	08	07.54
			P04	247/032	488	390	S1730.5 W04710.0	/.....	

UZ38	EGDUP	183	FL380	055	491	91	15.4 / 60.3	11	08.05
			P04	246/038	487	299	S1856.2 W04638.4	/.....	

	SBGR	182	FL380	058		42	14.8 / 60.8	05	08.10
			P04	246/041		258	S1935.0 W04622.8	/.....	

UZ38	NISNI	182	FL380	058	491	10	14.7 / 60.9	02	08.12
			P04	246/042	487	247	S1944.7 W04618.9	/.....	

UZ38	ROBAG	182	FL380	072	490	63	13.9 / 61.7	07	08.19
			P03	253/058	491	185	S2043.1 W04555.0	/.....	

TCC221B KPHL-SBGR (01-Nov-2025) #1

UZ38	VIANA	182	FL380	059	490	10	13.8 / 61.9	02	08.21
				P03	253/058	491 174	S2052.5 W04551.1	/.....	
UZ38	EVPOM	216	FL380	081	492	38	13.2 / 62.4	05	08.26
				P03	259/053	461 136	S2129.7 W04600.4	/.....	
UZ38	*TOD	216	FL380	081	492	21	12.9 / 62.7	02	08.28
				P03	258/053	467 115	S2150.6 W04605.6	/.....	
UZ38	VUNOX	216	*DES	092		29	12.9 / 62.8	04	08.32
				P14	270/038	85	S2219.1 W04612.8	/.....	
SANP1A	GR259	211	*DES	092		14	12.8 / 62.8	02	08.34
				P15	266/038	72	S2232.7 W04614.9	/.....	
SANP1A	GR262	211	*DES	092		14	12.8 / 62.9	02	08.36
				P14	271/036	57	S2247.0 W04617.1	/.....	
SANP1A	SANPA	232	*DES	092		29	12.7 / 63.0	06	08.42
				P11	291/026	28	S2312.5 W04633.0	/.....	
SANP1A	GR283	235	*DES	072		4	12.6 / 63.0	00	08.42
				P11	295/025	24	S2315.9 W04635.4	/.....	
SANP1A	LOMEN	235	*DES	072		12	12.6 / 63.1	03	08.45
				P10	317/018	12	S2325.6 W04642.3	/.....	
SANP1A	SBGR/10R	116	2461	072		12	12.2 / 63.4	05	08.50
	GUARULHOS-GOV	ANDRE					S2326.3 W04629.2	/.....	

TCC221B KPHL-SBGR (01-Nov-2025) #1

WIND INFORMATION - OBS ASKY

(CLIMB)			KINER			BOVIC			KOZIK		
FL340	227/122	-44	FL390	243/112	-53	FL390	240/074	-53	FL400	213/010	-54
FL270	230/081	-33	FL370	242/111	-49	FL370	240/076	-48	FL380	222/010	-51
FL200	234/044	-21	FL350	242/110	-45	FL350	239/077	-44	FL360	240/011	-46
13000	232/023	-6	FL330	242/108	-41	FL330	239/076	-39	FL340	254/012	-41
6000	208/005	+1	FL310	242/104	-36	FL310	238/074	-34	FL320	232/014	-36
TARMO			ZABOR			NEYDU			PPR		
FL400	073/007	-53	FL400	065/008	-53	FL400	081/012	-53	FL410	088/021	-53
FL380	069/007	-51	FL380	062/008	-51	FL380	078/012	-50	FL390	088/021	-53
FL360	061/007	-46	FL360	057/008	-46	FL360	072/011	-46	FL370	083/020	-48
FL340	052/007	-41	FL340	050/008	-41	FL340	064/010	-41	FL350	077/019	-44
FL320	093/005	-36	FL320	087/005	-36	FL320	075/012	-36	FL330	073/019	-39
FOF			DALGA			TIM			TONOM		
FL410	073/020	-53	FL410	043/011	-52	FL410	066/007	-52	FL410	077/007	-53
FL390	073/020	-53	FL390	043/011	-52	FL390	066/007	-52	FL390	077/007	-53
FL370	069/020	-48	FL370	047/014	-48	FL370	062/010	-48	FL370	066/009	-48
FL350	065/019	-43	FL350	050/016	-43	FL350	060/013	-43	FL350	059/010	-43
FL330	061/020	-38	FL330	052/018	-38	FL330	056/014	-38	FL330	063/011	-38
DARBU			ELABI			RONUB			TOPUR		
FL410	119/012	-53	FL410	164/012	-53	FL410	161/012	-53	FL410	178/012	-53
FL390	119/012	-53	FL390	164/012	-53	FL390	161/012	-53	FL390	178/012	-53
FL370	102/010	-48	FL370	159/010	-48	FL370	158/010	-48	FL370	171/011	-48
FL350	083/010	-43	FL350	151/008	-43	FL350	155/009	-43	FL350	163/010	-43
FL330	082/011	-38	FL330	133/007	-38	FL330	139/009	-38	FL330	147/009	-38
VUMON			KORVO			GEKON			ENRUR		
FL410	209/022	-53	FL410	230/024	-54	FL420	233/024	-54	FL420	246/035	-55
FL390	209/022	-53	FL390	230/024	-54	FL400	233/024	-54	FL400	246/035	-55
FL370	209/017	-48	FL370	233/023	-49	FL380	234/024	-52	FL380	247/033	-52
FL350	208/012	-43	FL350	236/022	-44	FL360	236/022	-47	FL360	251/028	-47
FL330	204/009	-39	FL330	242/021	-39	FL340	239/021	-42	FL340	257/024	-42
NISNI			EVPOM			(DESCENT)					
FL420	245/046	-55	FL420	257/058	-56	FL370	263/050	-51			
FL400	245/046	-55	FL400	257/058	-56	FL300	277/038	-32			
FL380	246/042	-53	FL380	259/054	-53	FL220	268/038	-13			
FL360	250/036	-48	FL360	265/047	-48	FL150	280/032	-2			
FL340	255/030	-43	FL340	272/040	-43	7000	317/021	+12			

END FLIGHTPLAN 02695 TCC221B PJTGD KPHL-SBGR 01NOV2025

TCC221B KPHL-SBGR (01-Nov-2025) #1

[ATC FLIGHTPLAN]

(FPL-TCC221B-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-KPHL2150
-M086F350 DCT KINER L461 BOVIC DCT PIREX/M084F360 L462 LAMKN
UL462 ANU/N0492F370 UA312 TONOM UL452 ILKUS/N0491F380 UZ38 VUNOX
SANP1A
-SBGR0850 SBKP
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/251101 REG/PJTGD
EET/KZNY0006 KZWY0031 TJZS0253 TTZP0311 SYGC0421 SMPM0451
SYGC0515 SBAZ0515 SBBS0657
SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/D
RALT/TXKF TNCM SBEG SBBR
RMK/TCAS
-E/1048)

TCC221B KPHL-SBGR (01-Nov-2025) #1

[PLANNING WEATHER]

ORIGIN: KPHL/PHL (PHILADELPHIA INTL, UNITED STATES)

UTC -04:00

METAR KPHL 011354Z 25013KT 10SM FEW050 FEW120 SCT260 13/03 A2998 RMK A02
SLP152 T01280028 \$
TAF KPHL 011120Z 0112/0218 24012KT P6SM FEW060
FM011400 28014G24KT P6SM SCT050
FM012100 29011KT P6SM FEW050 SCT250
FM020000 30005KT P6SM SCT150

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

UTC -03:00

METAR SBGR 011400Z 15003KT 9999 FEW035 24/19 Q1019
TAF SBGR 010900Z 0112/0218 VRB03KT 9999 SCT025 TX26/0118Z TN19/0209Z
BECMG 0113/0115 27005KT SCT035 FEW045TCU
PROB40 TEMPO 0118/0121 8000 TSRA BKN030 FEW040CB
BECMG 0121/0123 08004KT BKN011
PROB30 0209/0211 4000 BR
BECMG 0213/0215 01005KT SCT025 FEW040TCU
PROB40 TEMPO 0215/0218 7000 TSRA SCT030 FEW040CB
RMK PGL

ALTERNATE: SBKP/VCP (VIRACOPOS INTL, BRAZIL)

UTC -03:00

METAR SBKP 011400Z 00000KT 9999 FEW030 27/19 Q1018
TAF SBKP 010900Z 0112/0212 VRB04KT CAVOK TX29/0117Z TN20/0209Z
BECMG 0113/0115 33007KT SCT030 FEW040TCU
PROB30 TEMPO 0118/0121 21010KT 8000 TSRA SCT035 FEW040CB
BECMG 0121/0123 09004KT FEW040
BECMG 0201/0203 CAVOK
BECMG 0204/0206 02004KT
BECMG 0209/0211 SCT020 FEW040TCU
RMK PGL

EDTO AIRPORT: SBBR/BSB (PRES JUSCELINO KUBITSCHKE INTL, BRAZIL)

UTC -03:00

METAR SBBR 011400Z 08010KT 050V110 9999 FEW035 SCT100 25/18 Q1020
TAF SBBR 011400Z 0118/0218 07005KT 9999 FEW040 FEW045TCU TX29/0118Z
TN20/0209Z
TEMPO 0118/0123 21007KT TSRA SCT040 FEW045CB
BECMG 0123/0201 FEW040
BECMG 0201/0203 00000KT
BECMG 0207/0209 10005KT FEW040
BECMG 0214/0216 SCT040 FEW045TCU
RMK PGF

TCC221B KPHL-SBGR (01-Nov-2025) #1

EDTO AIRPORT: SBEG/MAO (EDUARDO GOMES INTL, BRAZIL)

UTC -04:00

METAR SBEG 011400Z 20002KT 9999 SCT020 30/24 Q1014
TAF SBEG 010915Z 0112/0212 03002KT 9999 FEW015 TX31/0115Z TN25/0210Z
BECMG 0115/0116 07007KT SCT020 FEW035TCU
TEMPO 0116/0119 35012KT 3000 TSRA BKN020 FEW030CB
BECMG 0122/0124 34002KT FEW015
BECMG 0206/0208 22005KT
RMK PFV

EDTO AIRPORT: TNCM/SXM (PRINCESS JULIANA INTL, ARUBA / NETHERLANDS UTC -03:00

METAR TNCM 011400Z 08012KT 060V120 9999 SCT018 30/28 Q1017 NOSIG
TAF TNCM 011018Z 0112/0212 10013KT 9999 SCT018
TEMPO 0112/0116 5000 SHRA BKN016

EDTO AIRPORT: TXKF/BDA (L F WADE INTL, BERMUDA)

UTC -03:00

METAR TXKF 011355Z 31009KT 9999 FEW045 SCT073 25/18 Q1018
TAF TXKF 011133Z 0112/0212 30012KT 9999 FEW045 SCT065

ADEQUATE: TBPB/BGI (GRANTLEY ADAMS INTL, BARBADOS)

UTC -03:00

METAR TBPB 011400Z COR 12021KT 9999 -SHRA SCT016 31/24 Q1015 NOSIG
TAF TBPB 011100Z 0112/0212 11017KT 9999 SCT018

ADEQUATE: SOCA/CAY (FELIX EBOUE, FRENCH GUYANA)

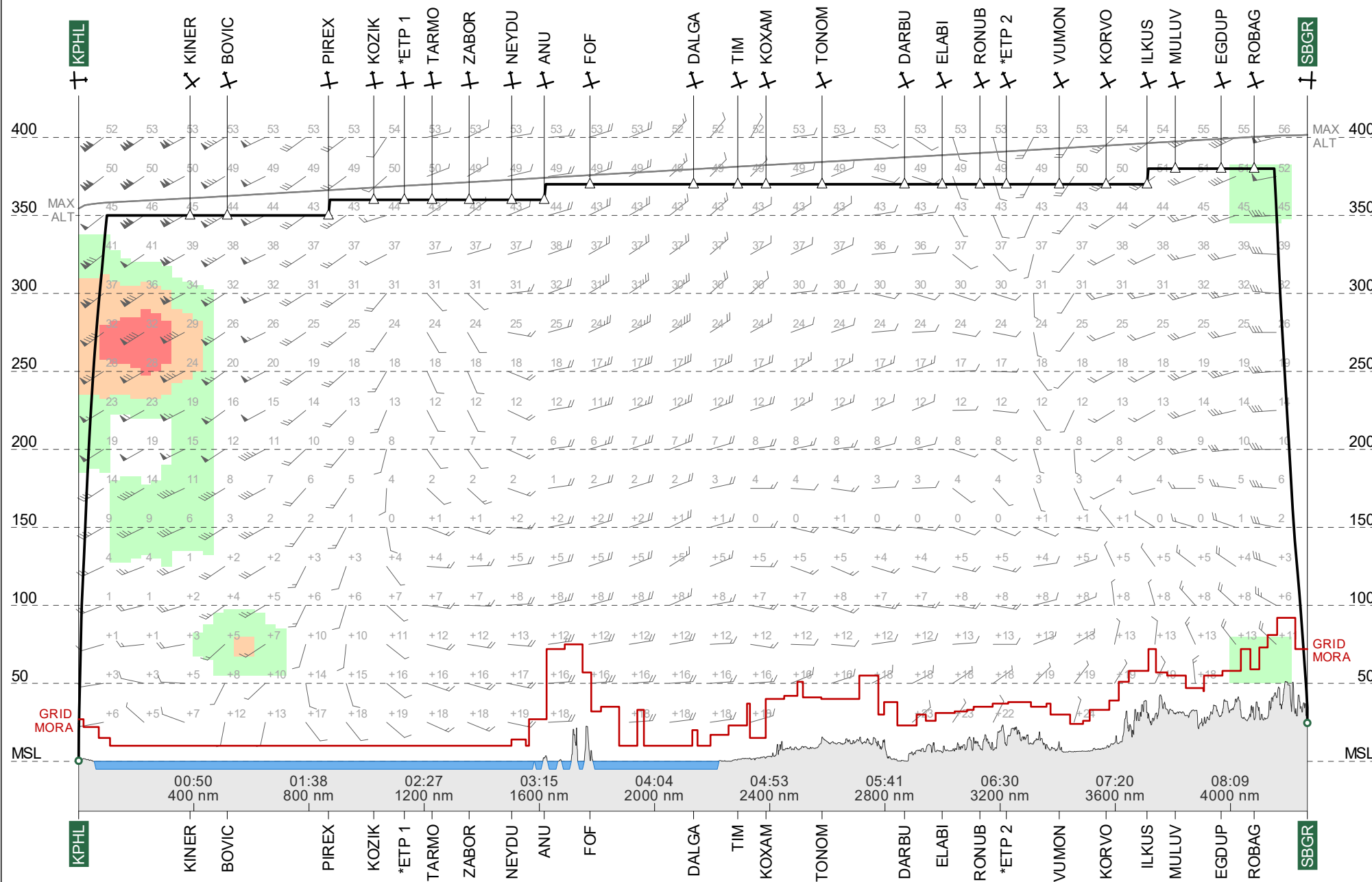
UTC -03:00

METAR SOCA 011430Z AUTO 02010KT 9999 FEW016/// SCT024/// BKN050/// ///TCU
29/25 Q1013 TEMPO 2500 SHRA SCT010 SCT016CB BKN020TCU
TAF SOCA 011100Z 0112/0212 07011KT 9999 SCT020 BKN100
TEMPO 0112/0123 VRB12G25KT 2500 SHRA SCT010 SCT016CB BKN020TCU
BECMG 0121/0123 VRB02KT
PROB40 TEMPO 0123/0211 3000 SHRA BKN008 SCT012CB BKN016TCU

TR221B #1

KPHL → SBGR

ETD 01 Nov 21:50z
PJTGD B77L



Route Chart

ETOPS 90

TR221B #1
KPHL-SBGR

01 Nov 2025

PJTGD B77L

Lambert Conical Projection
Standard Parallels: 02N and 19S



Wind Chart

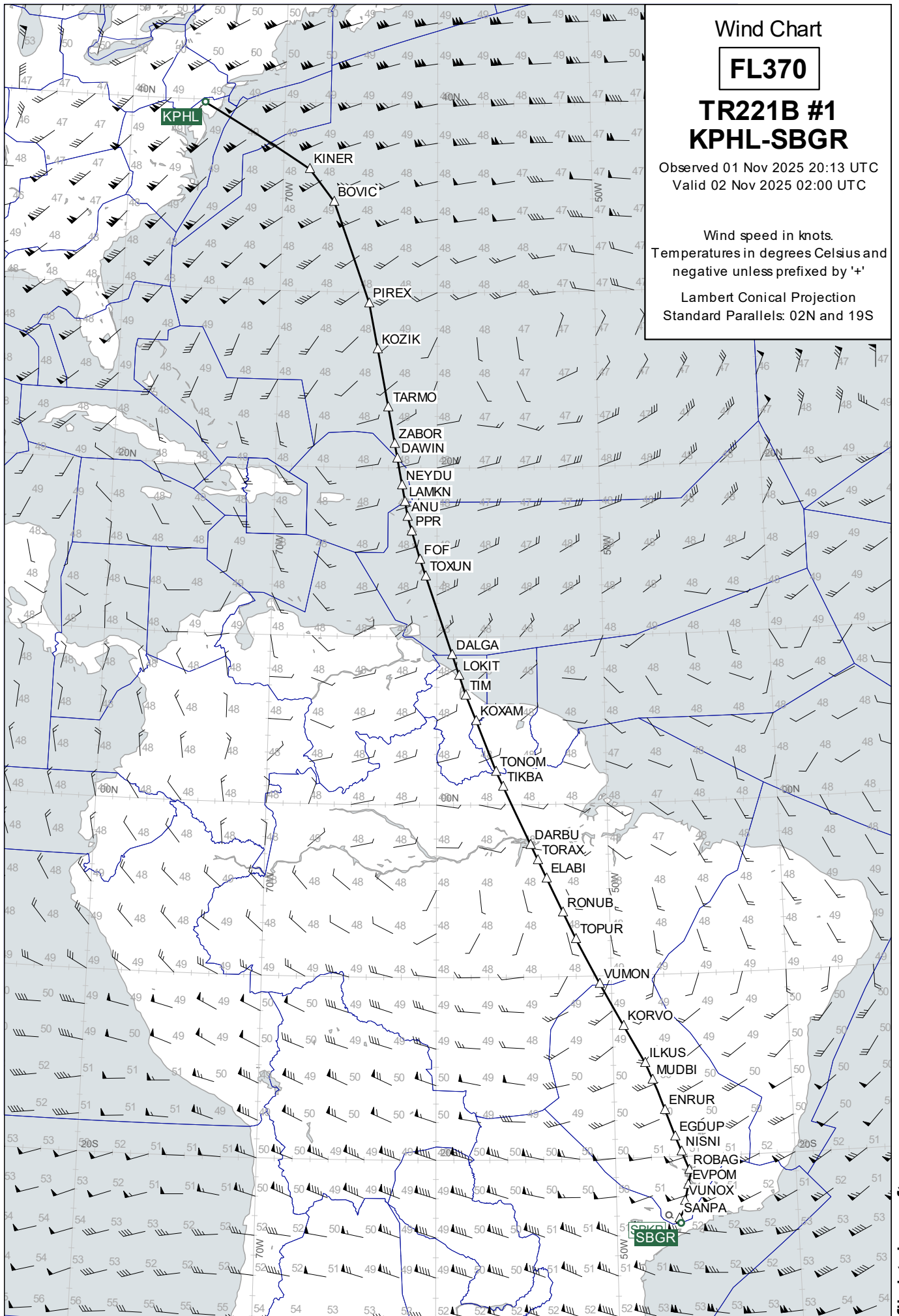
FL370

TR221B #1 KPHL-SBGR

Observed 01 Nov 2025 20:13 UTC
Valid 02 Nov 2025 02:00 UTC

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 02N and 19S



Wind Chart

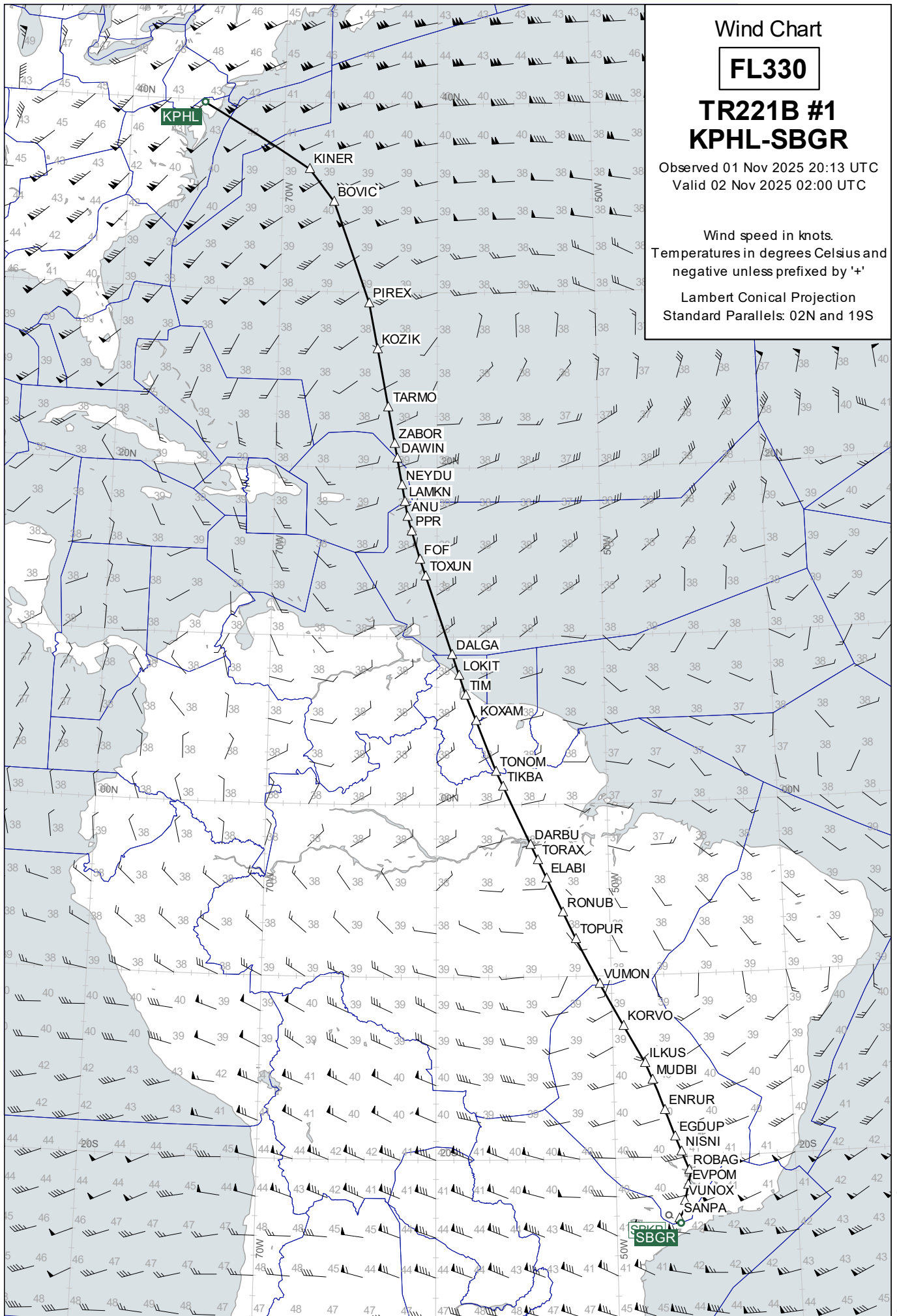
FL330

TR221B #1 KPHL-SBGR

Observed 01 Nov 2025 20:13 UTC
Valid 02 Nov 2025 02:00 UTC

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 02N and 19S



Wind Chart

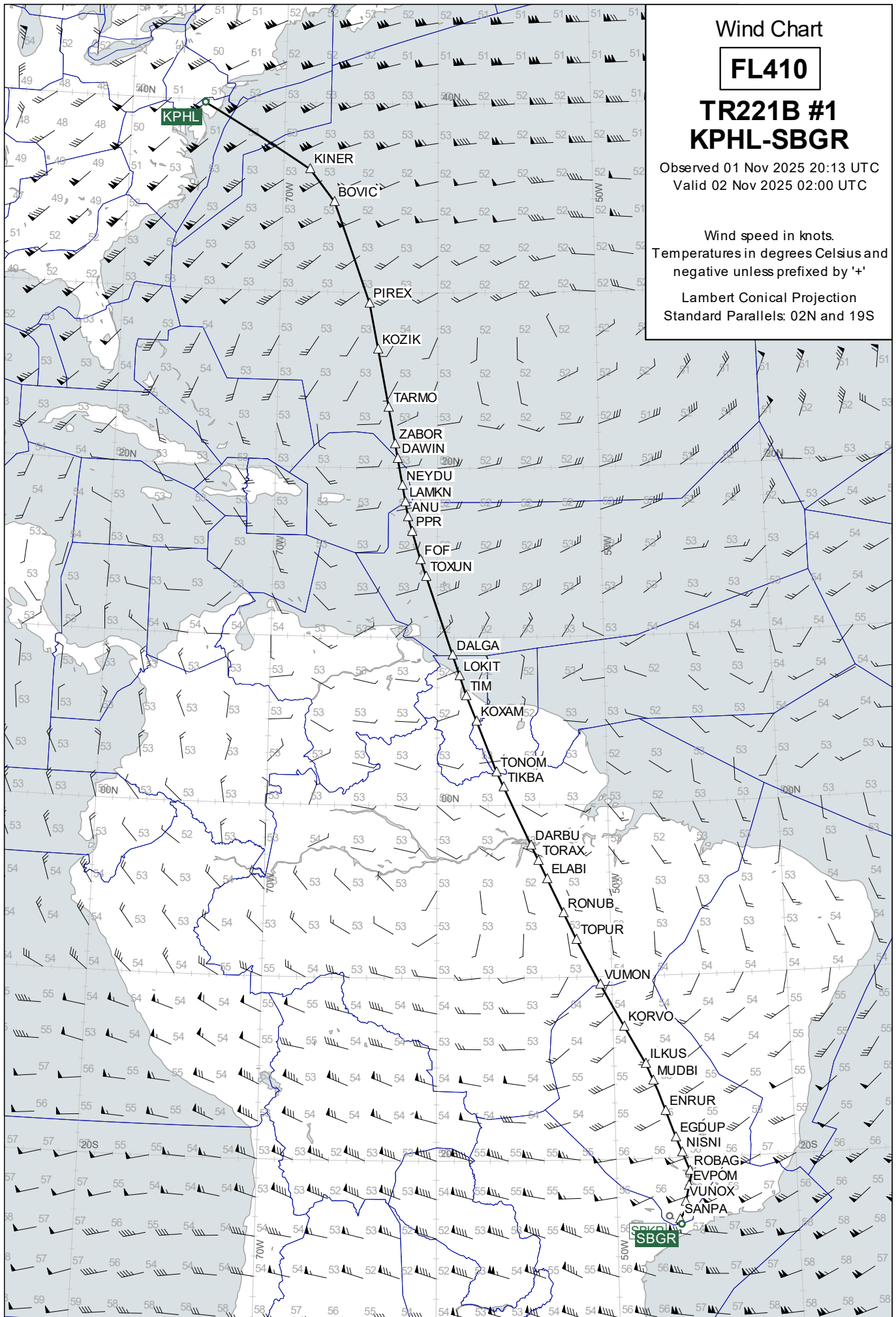
FL410

TR221B #1 KPHL-SBGR

Observed 01 Nov 2025 20:13 UTC
Valid 02 Nov 2025 02:00 UTC

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 02N and 19S





Plotting Chart
TR221B #1
KPHL-SBGR

01 Nov 2025
PJTGD B77L

Lambert Conical Projection
Standard Parallels: 25N and 27N

