



Flight Briefing Package

TCC221D KPHL-SBGR

01-Nov-2025 #1

RELEASE #1

PHILADELPHIA INTL
(UNITED STATES)

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GUARULHOS-GOV ANDRE FRANCO MON
(BRAZIL)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

01 NOV 2022 UTC

TCC221D KPHL-SBGR (01-Nov-2025) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC221D PJTGH KPHL-SBGR

ALL WEIGHTS IN KILOGRAMS (KG)

STD 01NOV/2200Z

OFP 1 - PREPARED 01NOV/2022Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR221D/TCC221D PJTGH/B777-3ER GE SEL/EGAS 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: FL310 TTL F/P DIST: 4267 NM
FUEL BIAS: 102.8% TTL AIR DIST: 4260 NM
AVG WIND CMP: TL001 KT

ALT: SBKP/VCP 33 ELEV 2170 FT 47 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	168400	364	0	44772	24510 ZFW	MAX 237682	351534	251290
						PLN 213172	297157	226285
						ACT .....	.....	.....

	FUEL	CORR	ENDUR
TRIP	70872	.....	08:39
CONT 5%	3544	.....	00:33
ALTN SBKP	1400	.....	00:13
FINAL RESV	3223	.....	00:30
HOLD	2146	.....	00:20
ADD FUEL	1191	.....	00:10
MIN T/O	82376	.....	10:25
EXTRA	1609	.....	00:15
TAXI	1035	.....	00:15
RELEASE	85020	.....	10:55
ARR FUEL	12423	.....	01:51

CAPTAINS SIGNATURE (....)

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

FUEL TANK CAP 145524 KG / MAX EXTRA FUEL 26614 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1074 KG / 5000 KG TOW DECR: -1062 KG
2000 FT LOWER: +1329 KG / EET 08:33 CLB: 250/310/84 DES: 84/310/250

KPHL	STD 22:00Z/18:00L	ETD 22:00Z	ACT OFBL	EST T/O 22:15Z	ACT T/O
SBGR	STA 07:35Z/04:35L	ETA 07:04Z	ACT ONBL	EST LDG 06:54Z	ACT LDG
	SKD 09:35	PLN 09:04	TTL BLCK	EST FLT 08:39	TTL FLT

***** 120 MIN ETOPS CRITICAL FUEL SUMMARY *****

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (TXKF)	172 NM BEFORE TARMO	N26 18.3 W063 38.5	EET 02:07
ETOPS EXIT (TNCM)	40 NM BEFORE TARMO	N24 09.7 W063 11.4	EET 02:23
ETOPS ENTRY (SBEG)	34 NM BEFORE TIM	N07 02.2 W058 26.4	EET 04:29
ETOPS EXIT (SBEG)	2 NM BEFORE TIM	N06 31.3 W058 16.1	EET 04:33
ETOPS ENTRY (SBEG)	49 NM BEFORE ELABI	S03 36.9 W053 56.5	EET 05:52
ETOPS EXIT (SBBR)	5 NM BEFORE VUMON	S10 23.1 W050 41.7	EET 06:47

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

TXKF (01:19-01:40)
TNCM (01:36-04:22)
SBEG (04:16-06:07)
SBBR (05:58-06:07)

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ONE ENGINE OUT ETP 1 FOR TXKF/TNCM                N25 08.1 W063 23.6   EET 02:16
1E084/310 DESC TO FL120 CRUISE AT 1E0320          100 NM BEFORE TARMO
PLN FUEL OVER ETP 60883      ETP FUEL REQ 11488   DIV TIME 01:07
ETP TO TXKF (N32 21.9 W064 40.7)  DIST 440 NM    WC TL010   TT 351
ETP TO TNCM (N18 02.5 W063 06.5)  DIST 427 NM    WC HD003   TT 178
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT DECOMP ETP 1 FOR TXKF/TNCM          N25 07.1 W063 23.4   EET 02:16
84/310/250 DESC TO FL100 CRUISE AT 1E0320        99 NM BEFORE TARMO
PLN FUEL OVER ETP 60866      ETP FUEL REQ 11497   DIV TIME 01:09
ETP TO TXKF (N32 21.9 W064 40.7)  DIST 441 NM    WC TL010   TT 351
ETP TO TNCM (N18 02.5 W063 06.5)  DIST 426 NM    WC HD004   TT 178
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 1 FOR TXKF/TNCM              N25 07.1 W063 23.4   EET 02:16
84/310/250 DESC TO FL100 CRUISE AT AE320         99 NM BEFORE TARMO
PLN FUEL OVER ETP 60866      ETP FUEL REQ 10899   DIV TIME 01:09
ETP TO TXKF (N32 21.9 W064 40.7)  DIST 441 NM    WC TL010   TT 351
ETP TO TNCM (N18 02.5 W063 06.5)  DIST 426 NM    WC HD004   TT 178
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 2 FOR TNCM/SBEG                  N07 55.3 W058 44.1   EET 04:22
1E084/310 DESC TO FL134 CRUISE AT 1E0320         15 NM BEFORE LOKIT
PLN FUEL OVER ETP 43441      ETP FUEL REQ 16220   DIV TIME 01:40
ETP TO TNCM (N18 02.5 W063 06.5)  DIST 660 NM    WC TL001   TT 338
ETP TO SBEG (S03 02.5 W060 03.0)  DIST 664 NM    WC TL004   TT 187

ONE ENGINE OUT DECOMP ETP 2 FOR TNCM/SBEG          N07 53.8 W058 43.6   EET 04:23
84/310/250 DESC TO FL100 CRUISE AT 1E0320        14 NM BEFORE LOKIT
PLN FUEL OVER ETP 43417      ETP FUEL REQ 16383   DIV TIME 01:45
ETP TO TNCM (N18 02.5 W063 06.5)  DIST 661 NM    WC TL002   TT 338
ETP TO SBEG (S03 02.5 W060 03.0)  DIST 662 NM    WC TL003   TT 187

ALL ENGINE DECOMP ETP 2 FOR TNCM/SBEG              N07 53.8 W058 43.6   EET 04:23
84/310/250 DESC TO FL100 CRUISE AT AE320         14 NM BEFORE LOKIT
PLN FUEL OVER ETP 43417      ETP FUEL REQ 15537   DIV TIME 01:45
ETP TO TNCM (N18 02.5 W063 06.5)  DIST 661 NM    WC TL002   TT 338
ETP TO SBEG (S03 02.5 W060 03.0)  DIST 662 NM    WC TL003   TT 187

ONE ENGINE OUT DECOMP ETP 3 FOR SBEG/SBBR          S07 43.5 W052 02.6   EET 06:25
84/310/250 DESC TO FL100 CRUISE AT 1E0320        10 NM BEFORE TOPUR
PLN FUEL OVER ETP 27611      ETP FUEL REQ 13392   DIV TIME 01:27
ETP TO SBEG (S03 02.5 W060 03.0)  DIST 556 NM    WC TL009   TT 300
ETP TO SBBR (S15 52.3 W047 55.1)  DIST 546 NM    WC TL002   TT 154

ALL ENGINE DECOMP ETP 3 FOR SBEG/SBBR              S07 43.5 W052 02.6   EET 06:25
84/310/250 DESC TO FL100 CRUISE AT AE320         10 NM BEFORE TOPUR
PLN FUEL OVER ETP 27611      ETP FUEL REQ 12717   DIV TIME 01:27
ETP TO SBEG (S03 02.5 W060 03.0)  DIST 556 NM    WC TL009   TT 300
ETP TO SBBR (S15 52.3 W047 55.1)  DIST 546 NM    WC TL002   TT 154

ONE ENGINE OUT ETP 3 FOR SBEG/SBBR                 S07 43.9 W052 02.3   EET 06:25
1E084/310 DESC TO FL150 CRUISE AT 1E0320        10 NM BEFORE TOPUR
PLN FUEL OVER ETP 27603      ETP FUEL REQ 13333   DIV TIME 01:22
ETP TO SBEG (S03 02.5 W060 03.0)  DIST 556 NM    WC TL007   TT 300

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ETP TO SBGR (S15 52.3 W047 55.1) DIST 546 NM WC HD001 TT 154

ATC ROUTE: M089F310 DCT KINER L461 BOVIC DCT PIREX/M085F320 L462 KOZIK/M085F340
L462 LAMKN UL462 ANU UA312 PPR/N0507F330 UA312 DALGA/N0501F350 UA312
TONOM UL452 ILKUS/N0499F360 UZ38 VUNOX SANP1A

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
SBKP/33 47 FL100 072 HD017 00:13 1400 - DCT

MOST CRITICAL MORA 9200 FT AT VUNOX

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WND/SPD	FREQ GS	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO /	ACC ATO
	KPHL/27L PHILADELPHIA INTL		36	027				84.0 / 1.0			
							4267	N3952.1 W07514.4	/.....		
DCT -KZNY	*BDRY	134	*CLB	027			22	81.5 / 3.5	06	00.06	
				P05	231/023		4244	N3942.1 W07453.7	/.....		
DCT	*BDRY	131	*CLB	022			70	78.9 / 6.1	09	00.15	
				P08	232/111		4174	N3907.7 W07334.6	/.....		
DCT	*TOC	132	FL310	015		506	5	78.7 / 6.3	01	00.16	
				P08	232/114	540	4169	N3905.2 W07328.9	/.....		
DCT -KZWY	*BDRY	133	FL310	015		506	141	76.4 / 8.6	16	00.32	
				P09	235/120	547	4028	N3753.2 W07053.9	/.....		
	TXKF	135	FL310	010			85	75.0 / 10.0	09	00.41	
				P10	241/107		3943	N3708.5 W06923.4	/.....		

----- 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	FL310	010		508	63	74.0 / 11.0	07	00.48	
				P10	242/104	551	3880	N3634.5 W06817.3	/.....		
L461	BOVIC	156	FL310	010		512	129	71.7 / 13.3	15	01.03	
				P12	238/073	513	3751	N3452.4 W06640.1	/.....		
DCT	PIREX	174	*CLB	010			351	65.5 / 19.5	42	01.45	
				P12	238/030		3399	N2922.5 W06419.3	/.....		
L462	KOZIK	183	*CLB	010			157	62.7 / 22.3	19	02.04	
				P12	231/013		3242	N2648.5 W06345.0	/.....		

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----- ETOPS ENTRY (TXKF) 0172 NM BEFORE TARMO EET 02:07 -----

*ETP 1 183 FL340 010 504 103 60.9 / 24.2 12 02.16
TXKF/TNCM P11 257/010 504 3139 N2507.1 W06323.4/.....

----- ETOPS EXIT (TNCM) 0040 NM BEFORE TARMO EET 02:23 -----

L462 TARMO 184 FL340 010 504 99 59.2 / 25.8 12 02.28
P11 051/006 506 3040 N2330.0 W06303.2/.....

L462 ZABOR 184 FL340 010 504 129 57.1 / 27.9 15 02.43
P11 050/007 507 2911 N2123.5 W06237.6/.....

L462 DAWIN 184 FL340 010 504 52 56.2 / 28.8 06 02.49
-TJZS P11 051/007 507 2858 N2032.3 W06227.5/.....

L462 NEYDU 184 FL340 014 504 96 54.7 / 30.4 12 03.01
P11 064/010 506 2763 N1858.4 W06209.2/.....

L462 LAMKN 184 FL340 014 503 59 53.7 / 31.3 07 03.08
-TTZP P11 069/016 506 2703 N1800.0 W06158.0/.....

UL462 ANU 185 *DES 027 114.50 53 52.8 / 32.2 06 03.14
V C BIRD SAINT JOHNS P11 071/017 2650 N1707.6 W06148.0/.....

UA312 PPR 179 FL330 072 112.90 507 54 52.0 / 33.0 06 03.20
MARYSE CONDE GUADELO P12 073/019 507 2596 N1615.9 W06132.4/.....

TBPB 178 FL330 075 46 51.2 / 33.8 06 03.26
P12 060/019 2550 N1531.4 W06118.6/.....

UA312 FOF 179 FL330 075 113.30 507 59 50.3 / 34.7 07 03.33
MARTINIQUE P12 061/020 511 2491 N1435.5 W06101.4/.....

UA312 TOXUN 176 FL330 057 507 63 49.3 / 35.8 07 03.40
P12 061/020 510 2428 N1336.1 W06040.6/.....

UA312 DALGA 177 *CLB 035 297 44.5 / 40.5 35 04.15
-SYGC P12 052/018 2131 N0855.2 W05904.3/.....

UA312 LEPOD 178 FL350 020 501 26 44.0 / 41.0 03 04.18
P11 050/015 507 2105 N0830.3 W05855.9/.....

*ETP 2 178 FL350 017 501 38 43.4 / 41.6 05 04.23
TNCM/SBEG P11 060/012 507 2067 N0753.8 W05843.6/.....

UA312 LOKIT 178 FL350 017 501 14 43.2 / 41.8 01 04.24
P11 060/012 504 2053 N0741.0 W05839.4/.....

----- ETOPS ENTRY (TBPB) 0034 NM BEFORE TIM EET 04:29 -----

----- ETOPS EXIT (SOCA) 0002 NM BEFORE TIM EET 04:33 -----

UA312 TIM 179 FL350 023 113.50 501 75 42.0 / 43.0 09 04.33
TIMEHRI GEORGETOWN P11 060/012 504 1978 N0629.8 W05815.6/.....

UA312 *BDRY 175 FL350 037 501 96 40.5 / 44.5 11 04.44

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-SMPM				P11 066/008 502 1882	N0501.1 W05739.9	/.....
UA312	KOXAM	175	FL350	040 501 2	40.5 / 44.5	01 04.45
				P11 066/008 502 1880	N0458.8 W05739.0	/.....
UA312	TONOM	176	FL350	051 502 195	37.5 / 47.6	23 05.08
-SBAZ				P11 059/010 504 1685	N0157.4 W05629.3	/.....
UL452	ESUNA	173	FL350	040 502 33	36.9 / 48.1	04 05.12
				P11 059/010 503 1652	N0127.0 W05615.4	/.....
UL452	TIKBA	173	FL350	040 502 26	36.6 / 48.5	03 05.15
				P11 059/010 503 1626	N0103.8 W05604.8	/.....
	SBEG	174	FL350	040 20	36.2 / 48.8	02 05.17
				P11 059/010 1606	N0045.2 W05556.3	/.....
UL452	DARBU	174	FL350	055 503 207	33.1 / 52.0	25 05.42
				P12 082/010 500 1399	S0222.6 W05430.5	/.....
UL452	TORAX	175	FL350	030 503 60	32.1 / 52.9	07 05.49
				P11 081/009 500 1339	S0316.8 W05405.7	/.....
----- ETOPS ENTRY (SBEG) 0049 NM BEFORE ELABI EET 05:52 -----						
UL452	ELABI	175	FL350	031 503 71	31.0 / 54.0	09 05.58
				P11 151/007 493 1268	S0421.2 W05336.1	/.....
UL452	PUMKU	175	FL350	031 502 32	30.5 / 54.5	04 06.02
				P11 151/007 495 1236	S0450.4 W05322.7	/.....
UL452	RONUB	175	FL350	035 502 99	29.0 / 56.0	12 06.14
				P11 154/009 493 1137	S0620.2 W05241.3	/.....
	*ETP 3	175	FL350	037 502 92	27.6 / 57.4	11 06.25
	SBEG/SBBR			P11 161/009 493 1045	S0743.5 W05202.6	/.....
UL452	TOPUR	176	FL350	038 502 10	27.4 / 57.6	01 06.26
				P11 162/009 493 1035	S0752.9 W05158.2	/.....
UL452	IBDAN	176	FL350	038 502 16	27.2 / 57.8	02 06.28
				P11 215/011 493 1019	S0807.5 W05151.3	/.....
----- ETOPS EXIT (SBBR) 0005 NM BEFORE VUMON EET 06:47 -----						
UL452	VUMON	174	FL350	030 503 157	24.8 / 60.2	19 06.47
				P11 207/012 495 861	S1027.3 W05039.5	/.....
UL452	*BDRY	173	FL350	030 503 4	24.8 / 60.3	01 06.48
-SBBS				P11 208/012 495 858	S1030.6 W05037.8	/.....
UL452	PAMOV	173	FL350	030 503 38	24.2 / 60.8	04 06.52
				P11 217/013 497 820	S1104.3 W05019.6	/.....
UL452	KORVO	173	FL350	033 502 121	22.4 / 62.6	15 07.07
				P10 236/021 500 699	S1250.7 W04921.4	/.....
UL452	ILKUS	174	*CLB	058 142	20.3 / 64.8	17 07.24

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				P10 236/021	557	S1455.4 W04811.9	/.....
UZ38	GEKON	180	FL360	072 499 21	19.9 / 65.1	03 07.27	
				P09 236/022 494 535	S1515.1 W04803.6	/.....	
UZ38	MUDBI	180	FL360	072 499 39	19.3 / 65.7	04 07.31	
				P09 239/022 495 497	S1551.0 W04748.4	/.....	
UZ38	MULUV	180	FL360	057 498 38	18.8 / 66.2	05 07.36	
				P09 251/031 499 458	S1626.2 W04733.3	/.....	
UZ38	ENRUR	183	FL360	055 498 68	17.8 / 67.2	08 07.44	
				P09 251/027 498 390	S1730.5 W04710.0	/.....	
UZ38	EGDUP	183	FL360	055 498 91	16.5 / 68.6	11 07.55	
				P09 250/032 497 299	S1856.2 W04638.4	/.....	
	SBGR	182	FL360	058 39	15.9 / 69.1	05 08.00	
				P09 250/035 260	S1932.7 W04623.7	/.....	
UZ38	NISNI	182	FL360	058 498 13	15.7 / 69.3	02 08.02	
				P09 250/036 497 247	S1944.7 W04618.9	/.....	
UZ38	ROBAG	182	FL360	072 497 63	14.8 / 70.2	07 08.09	
				P08 256/052 501 185	S2043.1 W04555.0	/.....	
UZ38	VIANA	182	FL360	059 497 10	14.7 / 70.4	01 08.10	
				P08 256/052 501 174	S2052.5 W04551.1	/.....	
UZ38	EVPOM	216	FL360	081 498 38	14.1 / 70.9	05 08.15	
				P08 264/046 472 136	S2129.7 W04600.4	/.....	
UZ38	*TOD	216	FL360	081 498 17	13.8 / 71.2	02 08.17	
				P08 264/046 481 119	S2146.1 W04604.5	/.....	
UZ38	VUNOX	216	*DES	092 34	13.8 / 71.3	04 08.21	
				P15 267/038 85	S2219.1 W04612.8	/.....	
SANP1A	GR259	211	*DES	092 14	13.7 / 71.3	02 08.23	
				P15 268/037 72	S2232.7 W04614.9	/.....	
SANP1A	GR262	211	*DES	092 14	13.7 / 71.4	02 08.25	
				P13 274/034 57	S2247.0 W04617.1	/.....	
SANP1A	SANPA	232	*DES	092 29	13.5 / 71.5	05 08.30	
				P11 294/026 28	S2312.5 W04633.0	/.....	
SANP1A	GR283	235	*DES	072 4	13.5 / 71.5	01 08.31	
				P10 298/025 24	S2315.9 W04635.4	/.....	
SANP1A	LOMEN	235	*DES	072 12	13.4 / 71.6	03 08.34	
				P10 326/017 12	S2325.6 W04642.3	/.....	
SANP1A	SBGR/10R	116	2461	072 12	13.1 / 71.9	05 08.39	
	GUARULHOS-GOV ANDRE				S2326.3 W04629.2	/.....	

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WIND INFORMATION - OBS ASKY

(CLIMB)			KINER			BOVIC			TARMO		
FL300	229/105	-39	FL350	242/110	-45	FL350	239/077	-44	FL380	069/007	-51
FL240	233/058	-28	FL330	242/108	-41	FL330	239/076	-39	FL360	061/007	-46
18000	235/037	-17	FL310	242/104	-36	FL310	238/074	-34	FL340	052/007	-41
12000	231/020	-4	FL290	242/097	-32	FL290	237/071	-30	FL320	093/005	-36
6000	208/005	+1	FL270	243/086	-28	FL270	236/068	-25	FL300	139/006	-31
ZABOR			NEYDU			PPR			FOF		
FL380	062/008	-51	FL380	078/012	-50	FL370	083/020	-48	FL370	069/020	-48
FL360	057/008	-46	FL360	072/011	-46	FL350	077/019	-44	FL350	065/019	-43
FL340	050/008	-41	FL340	064/010	-41	FL330	073/019	-39	FL330	061/020	-38
FL320	087/005	-36	FL320	075/012	-36	FL310	071/020	-34	FL310	060/024	-33
FL300	134/006	-31	FL300	084/014	-31	FL290	072/021	-29	FL290	062/026	-28
LEPOD			TIM			TONOM			DARBU		
FL390	042/011	-52	FL390	066/007	-52	FL390	077/007	-53	FL390	119/012	-53
FL370	047/013	-48	FL370	062/010	-48	FL370	066/009	-48	FL370	102/010	-48
FL350	050/015	-43	FL350	060/013	-43	FL350	059/010	-43	FL350	083/010	-43
FL330	051/018	-38	FL330	056/014	-38	FL330	063/011	-38	FL330	082/011	-38
FL310	052/020	-33	FL310	050/013	-33	FL310	076/011	-33	FL310	098/012	-33
ELABI			RONUB			TOPUR			VUMON		
FL390	164/012	-53	FL390	161/012	-53	FL390	178/012	-53	FL390	209/022	-53
FL370	159/010	-48	FL370	158/010	-48	FL370	171/011	-48	FL370	209/017	-48
FL350	151/008	-43	FL350	155/009	-43	FL350	163/010	-43	FL350	208/012	-43
FL330	133/007	-38	FL330	139/009	-38	FL330	147/009	-38	FL330	204/009	-39
FL310	116/010	-33	FL310	115/010	-33	FL310	123/009	-33	FL310	195/007	-34
KORVO			GEKON			ENRUR			NISNI		
FL390	230/024	-54	FL400	233/024	-54	FL400	246/035	-55	FL400	245/046	-55
FL370	233/023	-49	FL380	234/024	-52	FL380	247/033	-52	FL380	246/042	-53
FL350	236/022	-44	FL360	236/022	-47	FL360	251/028	-47	FL360	250/036	-48
FL330	242/021	-39	FL340	239/021	-42	FL340	257/024	-42	FL340	255/030	-43
FL310	251/019	-34	FL320	248/020	-37	FL320	256/025	-37	FL320	257/030	-37
EVPOM			(DESCENT)								
FL400	257/058	-56	FL350	270/043	-45						
FL380	259/054	-53	FL280	273/038	-27						
FL360	265/047	-48	FL210	269/038	-12						
FL340	272/040	-43	FL140	284/031	-0						
FL320	274/039	-38	7000	317/021	+12						

END FLIGHTPLAN 02697 TCC221D PJTGH KPHL-SBGR 01NOV2025

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[ATC FLIGHTPLAN]

(FPL-TCC221D-IS
-B77W/H-SDE1FGHIJ1M1RWXY/LB2
-KPHL2200
-M089F310 DCT KINER L461 BOVIC DCT PIREX/M085F320 L462
KOZIK/M085F340 L462 LAMKN UL462 ANU UA312 PPR/N0507F330 UA312
DALGA/N0501F350 UA312 TONOM UL452 ILKUS/N0499F360 UZ38 VUNOX
SANP1A
-SBGR0839 SBKP
-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/251101 REG/PJTGH
EET/KZNY0006 KZWY0032 TJZS0249 TTZP0308 SYGC0415 SMPM0444
SYGC0508 SBAZ0508 SBBS0648
SEL/EGAS CODE/48417D RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/D
RALT/TXKF TNCM SBEG SBBR
RMK/TCAS
-E/1040)

TCC221D 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

TCC221D 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)

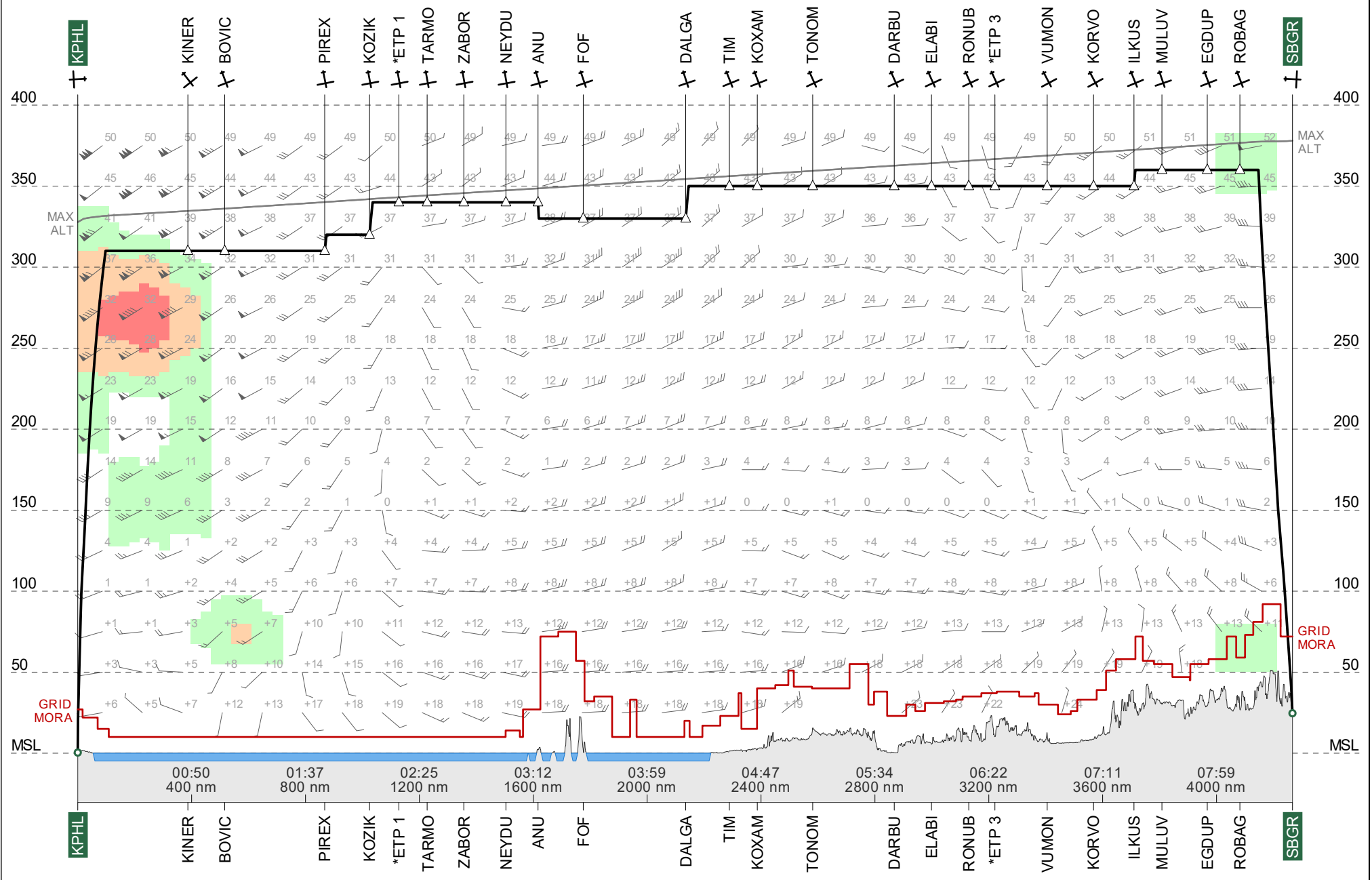
UTC -03:00

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

TR221D #1

KPHL → SBGR

ETD 01 Nov 22:00z
PJTGH B77W



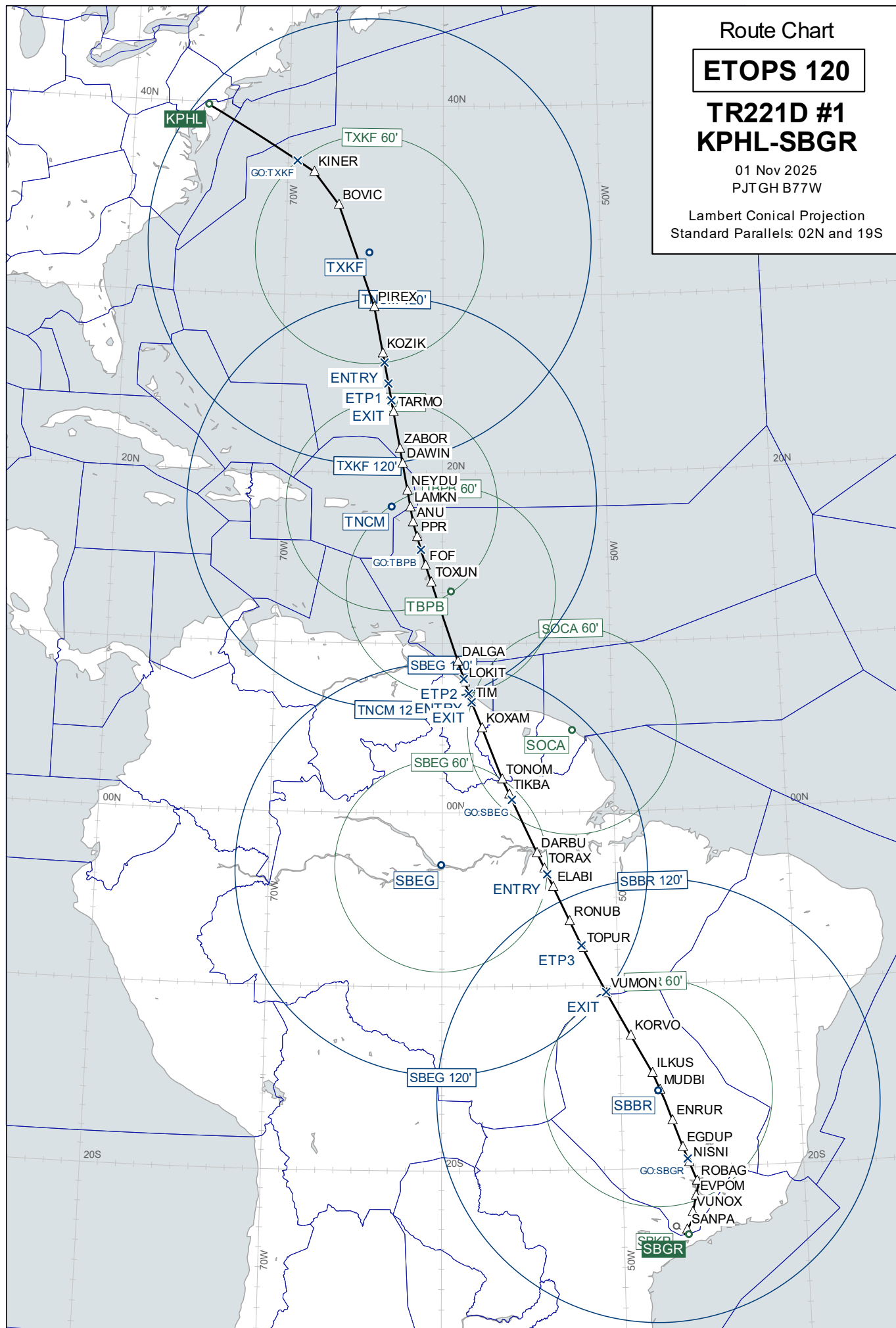
Route Chart

ETOPS 120

TR221D #1 KPHL-SBGR

01 Nov 2025
PJTGH B77W

Lambert Conical Projection
Standard Parallels: 02N and 19S



Wind Chart

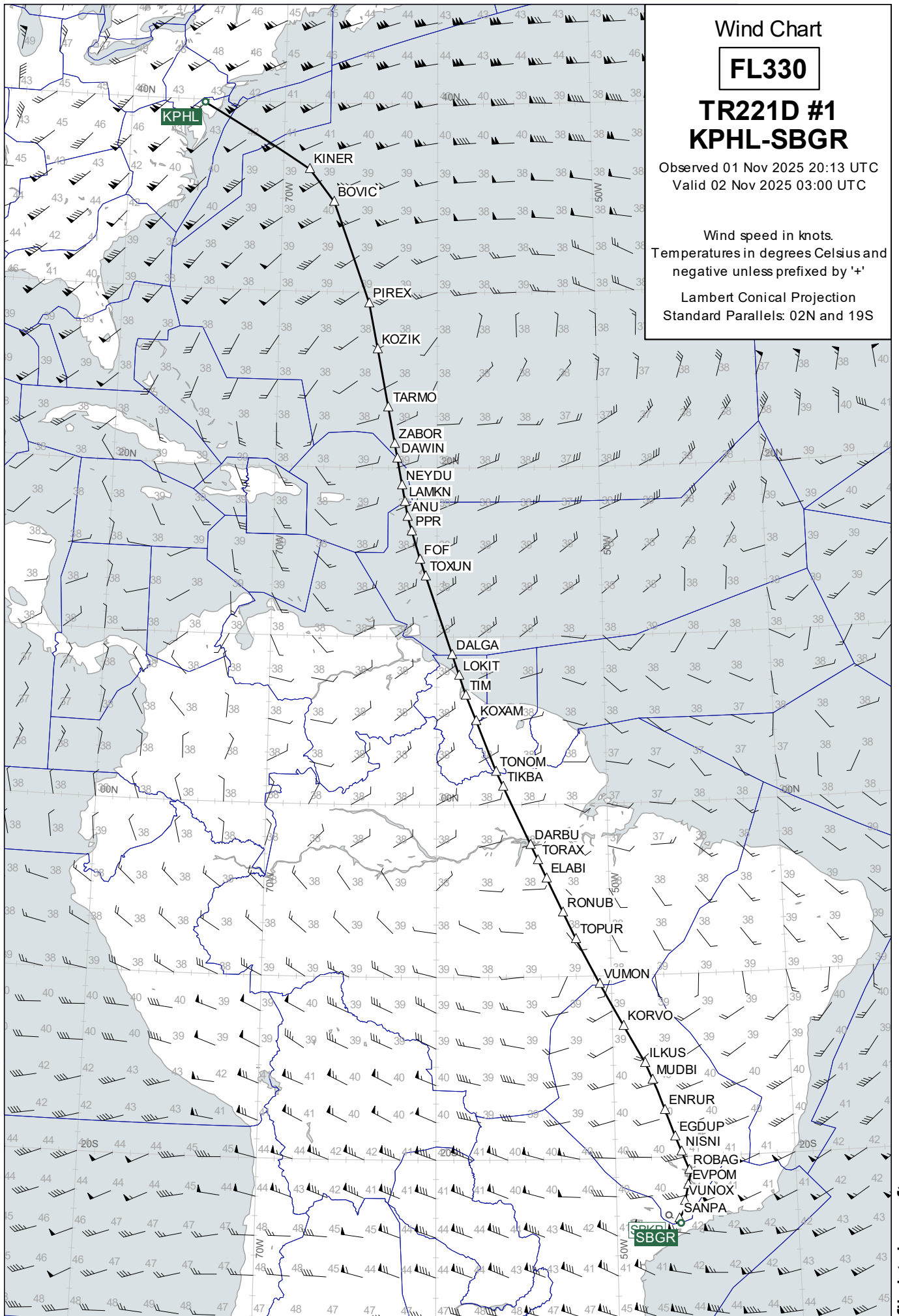
FL330

TR221D #1 KPHL-SBGR

Observed 01 Nov 2025 20:13 UTC
Valid 02 Nov 2025 03:00 UTC

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

Lambert Conical Projection
Standard Parallels: 02N and 19S



Wind Chart

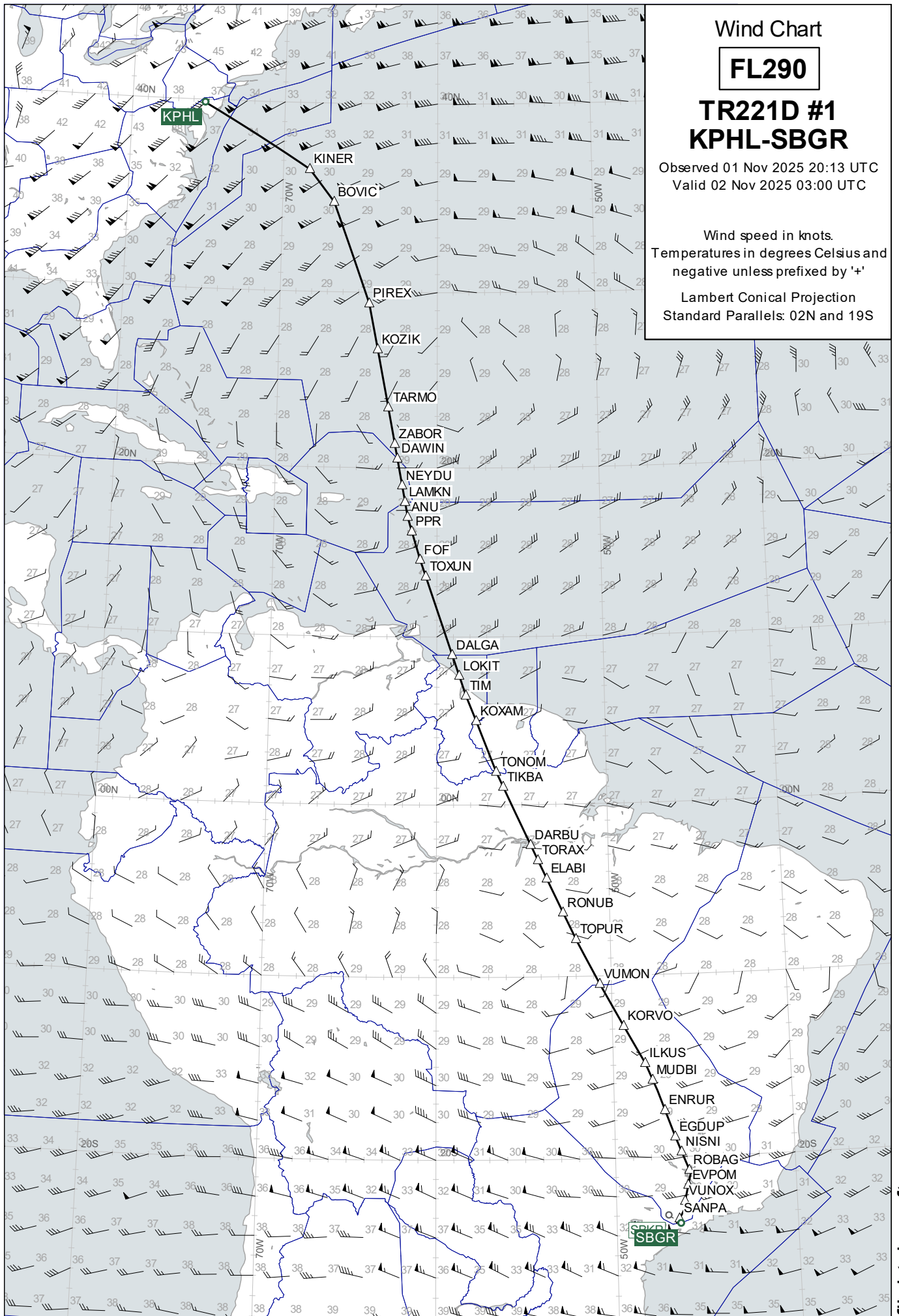
FL290

TR221D #1 KPHL-SBGR

Observed 01 Nov 2025 20:13 UTC
Valid 02 Nov 2025 03:00 UTC

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

Lambert Conical Projection
Standard Parallels: 02N and 19S



Wind Chart

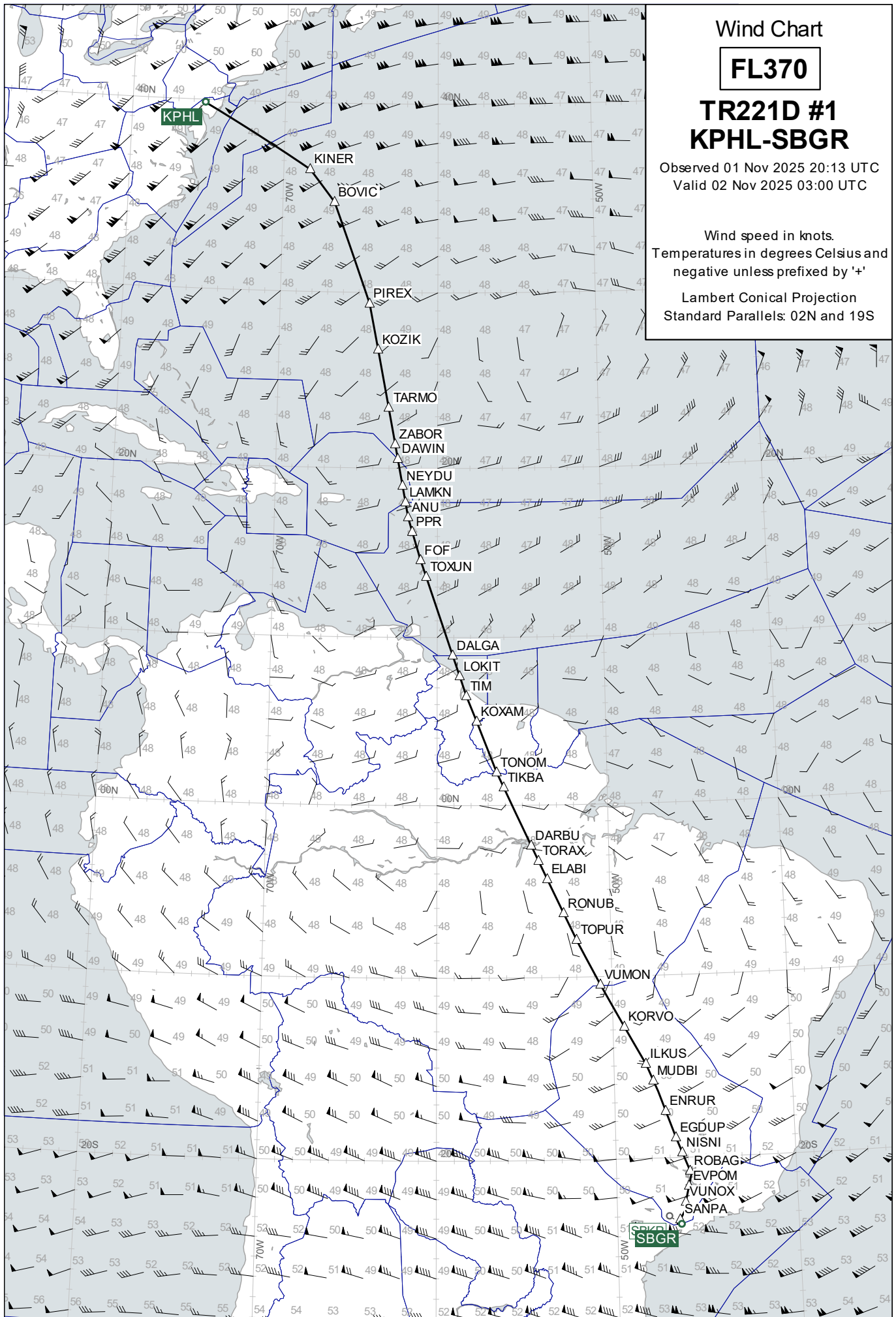
FL370

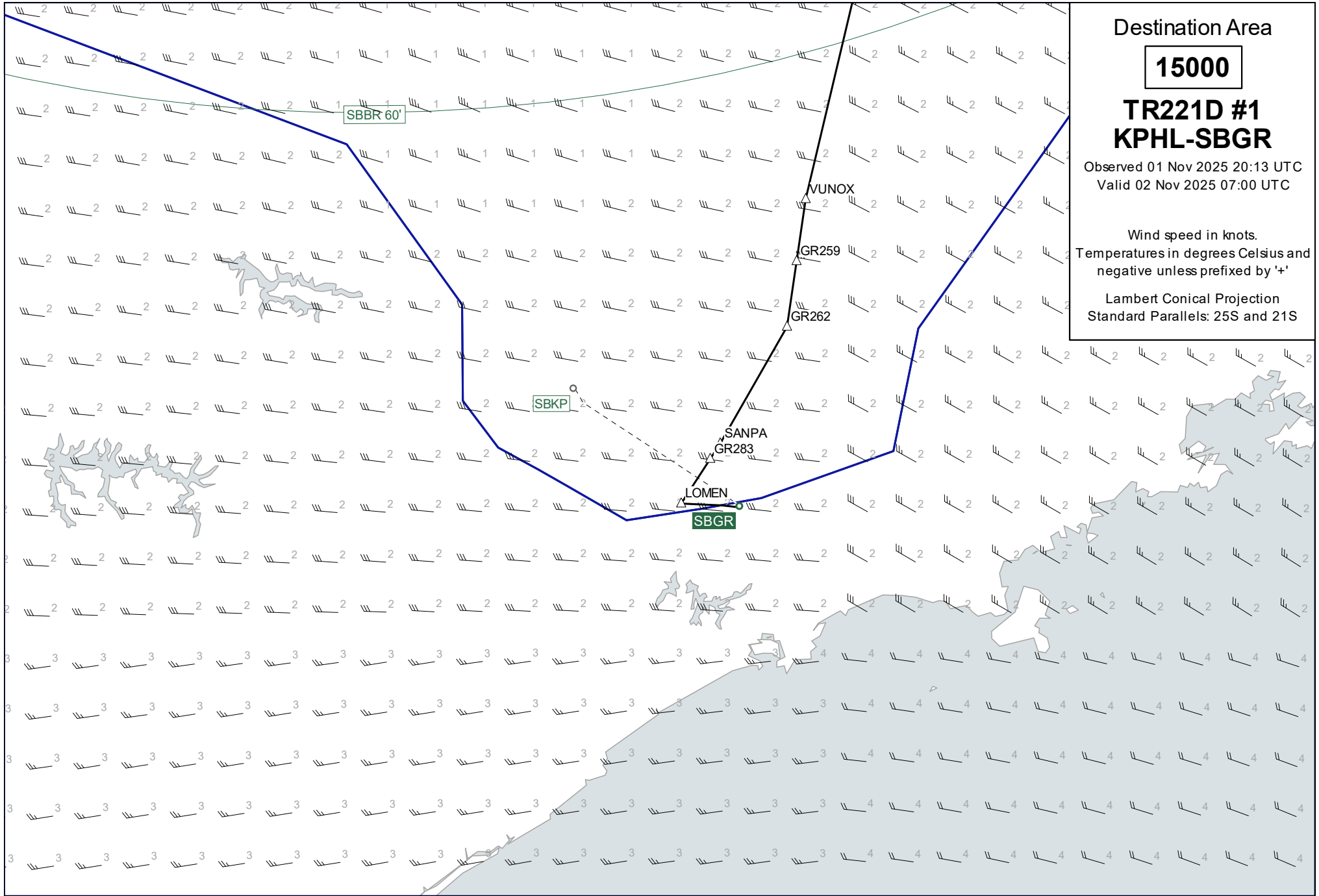
TR221D #1 KPHL-SBGR

Observed 01 Nov 2025 20:13 UTC
Valid 02 Nov 2025 03:00 UTC

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

Lambert Conical Projection
Standard Parallels: 02N and 19S





Plotting Chart

TR221D #1 KPHL-SBGR

01 Nov 2025
PJTGH B77W

Lambert Conical Projection
Standard Parallels: 25N and 27N

PIREX

KOZIK

TXKF 60°

ENTRY

ETP1

EXIT

TXCM 60°

TARMO