



Flight Briefing Package

TCC321D SBGR-CYVR

05-Nov-2023 #2

RELEASE #2

GUARULHOS-GOV ANDRE FRANCO MON
(BRAZIL)

-

VANCOUVER INTL
(CANADA)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

05 NOV 1642 UTC

TCC321D SBGR-CYVR (05-Nov-2023) #2

TRADEWIND ALASKA FLIGHTPLAN - IFR TCC321D N777TA SBGR-CYVR

 ALL WEIGHTS IN POUNDS (LB) STD 05NOV/2145Z

OPF 2 - PREPARED 05NOV/1642Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR321D/TCC321D N777TA/B777-2LR GE SEL/EGAF ROUTE: SBGRCYVR01

DEP: SBGR/GRU 10L ELEV 2461 FT COST INDEX: 250 TTL G/C DIST: 5975 NM
 ARR: CYVR/YVR 08L ELEV 13 FT INIT ALT: FL320 TTL F/P DIST: 6132 NM
 FUEL BIAS: 102.5% TTL AIR DIST: 6363 NM
 AVG WIND CMP: HD018 KT

ALT: KSEA/SEA 16R ELEV 432 FT 114 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM		ZFW	TOW	LDW
STANDARD	344243	261	0	56898	43978 LDW	MAX	461000	732765	491999
						PLN	401141	660173	448021
						ACT	.....	.....	.....

 ** TAKE-OFF DATA SBGR 10L **

COND: 660173 LB // RWY DRY // +24•C Q1018 160/07 // LMT: CLIMB
 CONFIG: FLAPS 15 // D-TO +39C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=156 VR=161 V2=165
 ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	212152	.....	13:01	
10 PCT	17601	.....	01:18	
ALTN KSEA	11147	.....	00:50	
INTL HOLD	7010	.....	00:30	
HOLD	4682	.....	00:20	
CONT	2928	.....	00:13	
MIN T/O	255520	.....	16:12	.....
EXTRA	3512	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	855	.....	00:15	
RELEASE	259887	.....	16:42	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	46310	.....	03:16	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 358500 LB / MAX EXTRA FUEL 47490 LB LIM BY CAPACITY
 TRIP CORR FOR 10000 LB TOW INCR: +2597 LB / 10000 LB TOW DECR: -2579 LB
 2000 FT LOWER: +2395 LB / EET 12:52 CLB: 250/310/84 DES: 84/320/250

SBGR	STD 21:45Z/18:45L	ETD 21:45Z	ACT OFBL	EST T/O 22:00Z	ACT T/O
CYVR	STA 11:00Z/03:00L	ETA 11:11Z	ACT ONBL	EST LDG 11:01Z	ACT LDG
	SKD 13:15	PLN 13:26	TTL BLCK	EST FLT 13:01	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (SBGR)	14 NM BEFORE DOTNU	S18 37.7 W051 34.2	EET 01:01
ETOPS EXIT (SBPV)	120 NM BEFORE ARPAR	S11 57.5 W057 53.1	EET 02:04

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ETOPS ENTRY (SBPV)	22 NM BEFORE MINIB	S02 34.4 W066 44.8	EET 03:35
ETOPS EXIT (SKBO)	45 NM BEFORE ABIDE	N00 07.0 W069 11.1	EET 04:00

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

SBGR (23:58-01:17)
 SBPV (01:00-03:08)
 SKBO (02:56-03:08)

ONE ENGINE OUT ETP 1 FOR SBGR/SBPV	S15 29.1 W054 32.3	EET 01:31
1E084/320 DESC TO FL210 CRUISE AT 1E0320	48 NM BEFORE OBMIV	
PLN FUEL OVER ETP 224401 ETP FUEL REQ 37226	DIV TIME 01:33	
ETP TO SBGR (S23 26.1 W046 28.4) DIST 661 NM	WC HD007 TT 138	
ETP TO SBPV (S08 42.8 W063 54.2) DIST 684 NM	WC TL008 TT 305	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT DECOMP ETP 1 FOR SBGR/SBPV	S15 24.5 W054 36.2	EET 01:32
84/320/250 DESC TO FL100 CRUISE AT 1E0320	42 NM BEFORE OBMIV	
PLN FUEL OVER ETP 224187 ETP FUEL REQ 37216	DIV TIME 01:46	
ETP TO SBGR (S23 26.1 W046 28.4) DIST 667 NM	WC 0 TT 138	
ETP TO SBPV (S08 42.8 W063 54.2) DIST 678 NM	WC TL008 TT 305	
*** FUEL DUMP REQUIRED ***		

ALL ENGINE DECOMP ETP 1 FOR SBGR/SBPV	S15 24.5 W054 36.2	EET 01:32
84/320/250 DESC TO FL100 CRUISE AT AE320	42 NM BEFORE OBMIV	
PLN FUEL OVER ETP 224187 ETP FUEL REQ 35443	DIV TIME 01:46	
ETP TO SBGR (S23 26.1 W046 28.4) DIST 667 NM	WC 0 TT 138	
ETP TO SBPV (S08 42.8 W063 54.2) DIST 678 NM	WC TL008 TT 305	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT DECOMP ETP 2 FOR SBPV/SKBO	S01 19.1 W067 53.9	EET 03:47
84/320/250 DESC TO FL100 CRUISE AT 1E0320	161 NM BEFORE ABIDE	
PLN FUEL OVER ETP 184517 ETP FUEL REQ 28490	DIV TIME 01:22	
ETP TO SBPV (S08 42.8 W063 54.2) DIST 505 NM	WC HD007 TT 152	
ETP TO SKBO (N04 42.1 W074 08.8) DIST 521 NM	WC TL006 TT 314	
*** FUEL DUMP REQUIRED ***		

ALL ENGINE DECOMP ETP 2 FOR SBPV/SKBO	S01 19.1 W067 53.9	EET 03:47
84/320/250 DESC TO FL100 CRUISE AT AE320	161 NM BEFORE ABIDE	
PLN FUEL OVER ETP 184517 ETP FUEL REQ 27179	DIV TIME 01:22	
ETP TO SBPV (S08 42.8 W063 54.2) DIST 505 NM	WC HD007 TT 152	
ETP TO SKBO (N04 42.1 W074 08.8) DIST 521 NM	WC TL006 TT 314	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT ETP 2 FOR SBPV/SKBO	S01 15.0 W067 57.6	EET 03:47
1E084/320 DESC TO FL211 CRUISE AT 1E0320	156 NM BEFORE ABIDE	
PLN FUEL OVER ETP 184335 ETP FUEL REQ 28516	DIV TIME 01:11	
ETP TO SBPV (S08 42.8 W063 54.2) DIST 510 NM	WC HD004 TT 152	
ETP TO SKBO (N04 42.1 W074 08.8) DIST 516 NM	WC TL001 TT 314	
*** FUEL DUMP REQUIRED ***		

ATC ROUTE: N0503F320 ZORZ2A GERTU UL201 ARPAN/N0498F340 UL201 LONAX UM782 AVSEB
 UL577 CZM/N0494F360 UA766 KEHLI A766 SBI DCT LFK DCT GGG DCT UIM DCT
 IRW DCT IFI/N0483F380 DCT GLD DCT CYS DCT BOY DCT HIA DCT MLP Q142
 METOW GRIZZ7

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ALTERNATE PLANNING

 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KSEA/16R 114 9000 113 HD006 00:50 11147 - YVR JAWBN6

MOST CRITICAL MORA 16100 FT AT HIA

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA	FREQ WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	SBGR/10L GUARULHOS-GOV		2461	072 ANDRE				259.0 / 0.9 S2326.1 W04629.0	/.....
ZORZ2A	AMVUL	095	*CLB	072 P14	214/003		7 6125	255.9 / 3.9 S2324.0 W04621.7	03	00.03/.....
ZORZ2A	GR027	132	*CLB	072 P15	238/009		7 6118	254.9 / 4.9 S2326.3 W04614.7	01	00.04/.....
ZORZ2A	GR209	213	*CLB	072 P15	240/016		7 6111	254.0 / 5.8 S2333.5 W04616.1	02	00.06/.....
ZORZ2A	GR212	280	*CLB	072 P16	242/028		14 6097	252.5 / 7.4 S2336.5 W04631.2	02	00.08/.....
ZORZ2A	CGO CONGONHAS	283 SAO PAULO	*CLB	072 P15	116.90 243/033		8 6089	251.7 / 8.2 S2337.7 W04639.3	01	00.09/.....
ZORZ2A	GR739	259	*CLB	072 P14	244/034		3 6086	251.4 / 8.4 S2339.3 W04642.0	01	00.10/.....
ZORZ2A	ZORZA	260	*CLB	072 P14	245/037		6 6080	250.9 / 9.0 S2342.5 W04647.6	01	00.11/.....
ZORZ2A -SBBS	*BDRY	353	*CLB	072 P13	246/043		15 6065	249.7 / 10.2 S2329.0 W04655.8	02	00.13/.....
ZORZ2A	GR103	353	*CLB	072 P13	246/045		5 6059	249.3 / 10.6 S2324.3 W04658.6	00	00.13/.....
ZORZ2A	GR104	353	*CLB	072 P13	247/047		9 6050	248.7 / 11.2 S2316.4 W04703.5	01	00.14/.....
ZORZ2A	GERTU	353	FL320	054 P12	250/043	503 494	58 5992	245.8 / 14.1 S2225.8 W04733.8	08	00.22/.....
UL201	ESGAS	336	FL320	048 P12	249/037	503 485	48 5944	243.9 / 16.0 S2152.2 W04811.1	06	00.28/.....
UL201	UPONA	336	FL320	040 P12	248/029	504 490	57 5888	241.7 / 18.2 S2112.7 W04854.5	06	00.34/.....
UL201	ROBID	336	FL320	040 P12	248/021	504 495	104 5784	237.8 / 22.1 S1959.7 W05013.2	13	00.47/.....

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UL201 PANAB 336 FL320 036 504 29 236.7 / 23.2 04 00.51
P12 245/019 496 5755 S1939.6 W05034.5/.....

UL201 OSELA 338 FL320 040 503 44 235.1 / 24.8 05 00.56
P12 240/015 499 5711 S1906.8 W05106.2/.....

----- ETOPS ENTRY (SBGR) 0014 NM BEFORE DOTNU EET 01:01 -----

----- CLASS II ENTRY 0013 NM BEFORE DOTNU EET 01:01 -----

UL201 DOTNU 338 FL320 043 504 54 233.1 / 26.8 06 01.02
P13 241/009 501 5657 S1827.0 W05144.5/.....

UL201 UKLOD 338 FL320 047 504 57 231.0 / 28.9 07 01.09
P13 235/004 503 5600 S1744.8 W05224.4/.....

UL201 UGAPI 337 FL320 047 504 75 228.3 / 31.6 09 01.18
-SBAZ P13 098/002 505 5525 S1650.4 W05317.5/.....

UL201 ESPIN 337 FL320 042 504 10 227.9 / 32.0 01 01.19
P13 093/003 506 5515 S1642.7 W05324.9/.....

UL201 ENSUK 337 FL320 042 504 16 227.3 / 32.5 02 01.21
P13 091/004 507 5499 S1630.9 W05336.4/.....

----- CLASS II EXIT 0037 NM BEFORE LOGAP EET 01:22 -----

UL201 LOGAP 337 FL320 043 504 45 225.7 / 34.2 06 01.27
P13 092/008 509 5454 S1557.7 W05407.8/.....

*ETP 1 340 FL320 043 504 43 224.2 / 35.7 05 01.32
SBGR/SBPV P13 093/010 510 5411 S1524.5 W05436.2/.....

UL201 OBMIV 340 FL320 043 504 42 222.7 / 37.2 05 01.37
P13 094/012 513 5369 S1452.1 W05503.8/.....

UL201 GEMAT 338 FL320 039 504 52 220.8 / 39.0 06 01.43
P13 095/016 516 5317 S1412.8 W05539.2/.....

UL201 EQUAL 335 FL320 039 505 38 219.5 / 40.4 04 01.47
P13 095/017 518 5278 S1345.4 W05606.6/.....

----- CLASS II ENTRY 0066 NM BEFORE ISLUT EET 01:50 -----

UL201 ISLUT 334 FL320 030 505 88 216.4 / 43.4 10 01.57
P13 094/019 519 5191 S1242.4 W05709.0/.....

UL201 BITOV 334 FL320 029 505 38 215.1 / 44.8 05 02.02
P13 092/019 519 5153 S1215.1 W05736.0/.....

----- ETOPS EXIT (SBPV) 0120 NM BEFORE ARPAR EET 02:04 -----

----- CLASS II EXIT 0100 NM BEFORE ARPAR EET 02:07 -----

----- CLASS II ENTRY 0025 NM BEFORE ARPAR EET 02:15 -----

UL201 ARPAR 333 *CLB 030 144 210.1 / 49.7 16 02.18
P13 097/021 5008 S1030.9 W05917.2/.....

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UL201	*TOC	333	FL340	027	497	12	209.5 / 50.4	02	02.20	
					P12 095/023	515 4997	S1022.6 W05925.3/.....		
UL201	BUPNA	333	FL340	027	498	166	203.9 / 56.0	19	02.39	
					P12 102/022	516 4831	S0822.2 W06121.3/.....		
----- CLASS II EXIT 0066 NM BEFORE OBEBA EET 02:45 -----										
UL201	OBEBA	332	FL340	020	498	118	199.9 / 60.0	14	02.53	
					P12 102/020	515 4713	S0656.5 W06242.8/.....		
----- CLASS II ENTRY 0063 NM BEFORE PERSA EET 02:54 -----										
UL201	PERSA	332	FL340	016	498	72	197.5 / 62.4	08	03.01	
					P12 120/018	515 4641	S0604.3 W06332.1/.....		
UL201	EDSUN	331	FL340	030	498	47	195.9 / 64.0	05	03.06	
					P12 125/015	514 4594	S0530.3 W06404.1/.....		
----- CLASS II EXIT 0013 NM BEFORE EGLER EET 03:07 -----										
UL201	EGLER	331	FL340	030	498	16	195.4 / 64.5	02	03.08	
					P12 124/014	513 4578	S0518.3 W06415.3/.....		
UL201	ISONA	333	FL340	030	498	82	192.6 / 67.3	10	03.18	
					P12 128/012	511 4495	S0416.1 W06509.1/.....		
UL201	BUMBA	333	FL340	030	498	57	190.7 / 69.2	07	03.25	
					P12 134/010	509 4439	S0333.1 W06546.2/.....		
UL201	GAVIT	328	FL340	060	498	76	188.1 / 71.7	09	03.34	
					P12 139/011	510 4362	S0239.2 W06640.0/.....		
----- CLASS II ENTRY 0023 NM BEFORE MINIB EET 03:34 -----										
----- ETOPS ENTRY (SBPV) 0022 NM BEFORE MINIB EET 03:35 -----										
UL201	MINIB	327	FL340	060	498	29	187.2 / 72.7	03	03.37	
					P12 144/013	511 4334	S0219.0 W06700.3/.....		
----- CLASS II EXIT 0241 NM BEFORE ABIDE EET 03:37 -----										
	*ETP 2	330	FL340	060	499	86	184.3 / 75.6	10	03.47	
	SBPV/SKBO				P12 148/013	513 4248	S0115.0 W06757.6/.....		
----- ETOPS EXIT (SKBO) 0045 NM BEFORE ABIDE EET 04:00 -----										
UL201	ABIDE	329	FL340	025	499	156	179.2 / 80.7	18	04.05	
	-SKED				P12 187/008	507 4092	N0040.7 W06941.3/.....		
UL201	ORIBO	334	FL340	040	499	122	175.1 / 84.8	15	04.20	
					P12 196/006	504 3971	N0217.7 W07054.2/.....		
UL201	LONAX	333	FL340	043	500	123	171.0 / 88.9	15	04.35	
					P13 260/011	496 3847	N0356.0 W07208.4/.....		
UM782	EJA	341	FL340	157	115.90	500	211	163.9 / 95.9	25	05.00

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	BARRANCABERMEJA		P13	206/005	502	3636	N0701.7	W07348.3/.....
-SKEC	SKBQ	327	FL340	139		61	161.9 / 97.9	08 05.08	
			P13	115/001		3575	N0746.9	W07429.3/.....
UM782	XOGEN	326	FL340	086	500	1	161.9 / 98.0	00 05.08	
			P13	219/004	501	3574	N0747.6	W07430.0/.....
UM782	USVUS	326	FL340	101	500	38	160.7 / 99.2	04 05.12	
			P13	191/004	501	3537	N0815.4	W07455.4/.....
UM782	MEVUB	326	FL340	101	500	107	157.2 / 102.7	13 05.25	
			P13	198/006	503	3430	N0934.4	W07607.9/.....
UM782	AGUJA	326	FL340	022	500	114	153.5 / 106.4	13 05.38	
-MPZL			P13	158/007	507	3316	N1059.1	W07725.0/.....
----- CLASS II ENTRY 0173 NM BEFORE LONET EET 05:39 -----									
UM782	LONET	329	FL340	010	501	182	147.7 / 112.2	22 06.00	
			P13	080/026	513	3134	N1323.1	W07918.8/.....
	MKJS	328	FL340	010		3	147.6 / 112.3	00 06.00	
			P13	085/021		3130	N1325.8	W07920.9/.....
UM782	ARNAL	328	FL340	014	501	120	143.9 / 116.0	14 06.14	
-MKJK			P13	093/020	514	3011	N1500.0	W08036.9/.....
UM782	DELVI	319	FL340	010	501	126	139.9 / 120.0	15 06.29	
-MHTG			P13	166/008	508	2884	N1627.1	W08211.4/.....
	MMUN	318	FL340	014		82	137.3 / 122.6	10 06.39	
			P12	206/004		2802	N1723.6	W08313.6/.....
UM782	OMIRO	318	FL340	014	501	100	134.2 / 125.7	11 06.50	
			P12	214/014	504	2703	N1831.5	W08429.7/.....
----- CLASS II EXIT 0068 NM BEFORE TAKUX EET 06:57 -----									
UM782	TAKUX	322	FL340	010	501	120	130.4 / 129.5	15 07.05	
-MMID			P12	216/027	504	2582	N2001.6	W08553.8/.....
UM782	AVSEB	321	FL340	015	501	28	129.5 / 130.4	03 07.08	
			P12	229/029	500	2555	N2022.2	W08613.5/.....
UL577	GOSUL	285	FL340	015	501	15	129.0 / 130.9	02 07.10	
			P12	233/030	483	2540	N2025.3	W08628.7/.....
UL577	CZM	285	*CLB	015	112.50	25	128.2 / 131.7	03 07.13	
	COZUMEL		P12	238/031		2515	N2030.5	W08654.7/.....
UA766	VOBED	329	FL360	016	494	31	127.0 / 132.9	04 07.17	
			P11	242/035	490	2484	N2056.4	W08713.2/.....
UA766	VIGTU	329	FL360	016	494	39	125.8 / 134.1	05 07.22	
			P10	246/037	487	2445	N2128.7	W08736.5/.....
UA766	AXEVU	328	FL360	015	494	23	125.1 / 134.8	02 07.24	

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				P10 246/037	486	2422	N2147.9	W08750.4/.....
UA766	MUXOG	328	FL360	015	494	28	124.2 / 135.7	04	07.28
				P10 248/036	485	2394	N2210.8	W08807.1/.....
UA766	IGTOB	328	FL360	010	494	31	123.2 / 136.7	04	07.32
				P11 252/036	483	2364	N2236.1	W08825.6/.....
UA766	ITLOM	328	FL360	010	494	5	123.1 / 136.8	00	07.32
				P10 253/036	482	2359	N2240.0	W08828.5/.....
UA766	RORLA	328	FL360	010	494	8	122.8 / 137.1	01	07.33
				P11 254/036	482	2351	N2246.6	W08833.4/.....
----- CLASS II ENTRY 0014 NM BEFORE LEVAT EET 07:34 -----									
UA766	LEVAT	327	FL360	010	494	22	122.1 / 137.8	03	07.36
				P10 258/037	481	2328	N2305.0	W08847.0/.....
UA766	SUVUM	327	FL360	010	494	62	120.1 / 139.8	08	07.44
				P10 271/046	468	2266	N2356.2	W08925.4/.....
UA766	KEHLI	327	FL360	010	494	40	118.8 / 141.1	05	07.49
-KZHU				P10 271/052	462	2226	N2429.2	W08950.4/.....
	KIAH	326	FL360	010		119	114.8 / 145.1	16	08.05
				P09 276/055		2107	N2606.7	W09106.0/.....
A766	KELPP	325	FL360	010	494	79	112.2 / 147.7	10	08.15
				P08 275/066	449	2028	N2710.5	W09157.0/.....
----- CLASS II EXIT 0044 NM BEFORE KENGs EET 08:18 -----									
A766	KENGs	324	FL360	014	494	69	109.8 / 150.1	09	08.24
				P08 269/073	448	1959	N2806.3	W09242.4/.....
A766	KLAMS	324	FL360	014	494	11	109.5 / 150.4	02	08.26
				P08 269/074	447	1948	N2815.0	W09249.7/.....
A766	LAURL	324	FL360	014	494	47	107.9 / 152.0	06	08.32
				P08 269/078	445	1901	N2853.0	W09321.3/.....
A766	SBI	323	FL360	032	115.40	494	105.8 / 154.1	08	08.40
	SABINE PASS			P07 267/082	443	1841	N2941.2	W09402.3/.....
DCT	LFK	338	FL360	032	112.10	492	102.7 / 157.2	13	08.53
	LUFKIN			P06 265/078	462	1746	N3109.8	W09443.0/.....
DCT	*BDRY	357	FL360	025	491	23	102.0 / 157.9	03	08.56
-KZFW				P06 264/077	486	1723	N3132.5	W09443.7/.....
DCT	GGG	357	FL360	032	112.90	489	100.4 / 159.5	06	09.02
	GREGG CO. LONGVIEW			P05 266/068	486	1670	N3225.1	W09445.2/.....
DCT	UIM	311	FL360	032	114.00	491	99.0 / 160.9	06	09.08
	QUITMAN			P04 268/061	442	1629	N3252.8	W09522.0/.....
	KDFW	322	FL360	032		28	98.1 / 161.8	03	09.11

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			P05	280/046		1600	N3315.5	W09541.9/.....
DCT	IRW	322	FL360	039	114.10	488 158	93.0 / 166.9	21	09.32
	WILL ROGERS OKLAHOMA		P03	289/040		454 1442	N3521.5	W09736.6/.....
DCT	IFI	321	*CLB	047	114.70	33	91.9 / 168.0	04	09.36
	KINGFISHER		P03	285/043		1409	N3548.3	W09800.2/.....
DCT	*BDRY	319	*CLB	047		6	91.6 / 168.3	01	09.37
-KZKC			P01	279/045		1404	N3552.7	W09804.5/.....
	KDEN	318	FL380	049		148	86.6 / 173.3	20	09.57
			M00	281/079		1256	N3748.1	W10000.0/.....
DCT	*BDRY	316	FL380	049		483 52	84.8 / 175.1	08	10.05
-KZDV			M03	282/075		423 1204	N3828.2	W10042.1/.....
DCT	GLD	315	FL380	058	115.10	483 72	82.3 / 177.6	10	10.15
	GOODLAND		M02	282/085		415 1132	N3923.3	W10141.5/.....
DCT	CYS	303	FL380	094	113.10	484 179	75.8 / 184.0	27	10.42
	CHEYENNE		M03	278/103		392 953	N4112.7	W10446.4/.....
DCT	*BDRY	304	FL380	126		487 138	70.7 / 189.1	21	11.03
-KZLC			P00	273/105		395 815	N4243.7	W10706.1/.....
DCT	BOY	301	FL380	134	117.80	488 69	68.3 / 191.6	10	11.13
	BOYSEN RESERVOIR		P01	270/107		399 746	N4327.8	W10818.0/.....
	KMSO	303	FL380	161		59	66.2 / 193.7	09	11.22
			P02	259/108		686	N4407.6	W10919.1/.....
DCT	HIA	302	FL380	147	113.70	490 160	60.7 / 199.2	23	11.45
	WHITEHALL		P03	262/084		426 526	N4551.7	W11210.2/.....
DCT	*BDRY	293	FL380	134		490 141	56.2 / 203.7	20	12.05
-KZSE			P04	255/055		449 385	N4710.5	W11500.0/.....
DCT	MLP	290	FL380	099	117.80	490 31	55.2 / 204.6	04	12.09
	MULLAN PASS		P03	252/051		452 354	N4727.4	W11538.8/.....
	CYVR	271	FL380	099		135	51.1 / 208.8	18	12.27
			P05	242/033		219	N4757.9	W11854.1/.....
Q142	METOW	268	FL380	122		490 51	49.6 / 210.3	07	12.34
			P04	240/035		462 168	N4808.0	W12009.0/.....
GRIZZ7	*TOD	270	FL380	130		490 36	48.5 / 211.3	04	12.38
			P04	237/033		466 131	N4817.2	W12101.8/.....
GRIZZ7	ILSAA	270	*DES	130		28	48.4 / 211.5	04	12.42
			M09	213/028		103	N4824.0	W12142.9/.....
GRIZZ7	PIZZE	291	*DES	130		20	48.3 / 211.6	02	12.44
			M05	203/016		83	N4835.7	W12207.3/.....
GRIZZ7	EGRET	280	*DES	094		17	48.2 / 211.7	03	12.47
			M03	186/013		66	N4842.7	W12230.6/.....

TCC321D SBGR-CYVR (05-Nov-2023) #2

GRIZZ7	*BDRY	296	*DES 113	26	47.9 / 212.0	05	12.52
-CZVR			M04 163/006	40	N4900.0 W12300.8/.....	
GRIZZ7	TATGO	296	*DES 113	3	47.8 / 212.1	00	12.52
			M04 160/005	37	N4902.0 W12304.2/.....	
GRIZZ7	YVR	296	*DES 113 115.90	4	47.8 / 212.1	01	12.53
VANCOUVER			M04 155/004	32	N4904.6 W12309.0/.....	
GRIZZ7	NAKMA	270	*DES 113	17	47.4 / 212.5	04	12.57
			M05 117/001	15	N4909.1 W12334.6/.....	
GRIZZ7	CYVR/08L	062	13 113	15	46.9 / 213.0	04	13.01
VANCOUVER INTL					N4912.3 W12312.1/.....	

TCC321D SBGR-CYVR (05-Nov-2023) #2

WIND INFORMATION - OBS 05/NOV 06:00

(CLIMB)			ESGAS			ROBID			DOTNU		
FL290	248/050	-29	FL360	250/039	-46	FL360	247/024	-46	FL360	256/011	-46
FL230	244/035	-16	FL340	253/037	-41	FL340	245/025	-41	FL340	248/013	-41
FL170	244/024	-3	FL320	249/037	-36	FL320	248/021	-36	FL320	242/010	-36
FL110	241/007	+9	FL300	245/037	-31	FL300	252/017	-31	FL300	228/006	-30
5000	137/004	+19	FL280	242/034	-27	FL280	241/016	-27	FL280	208/006	-26
UGAPI			OBMIV			ISLUT			BUPNA		
FL360	027/000	-46	FL360	096/013	-46	FL360	099/017	-46	FL380	114/018	-51
FL340	061/001	-41	FL340	091/012	-40	FL340	094/018	-40	FL360	107/020	-45
FL320	098/003	-35	FL320	094/013	-35	FL320	094/019	-35	FL340	102/023	-40
FL300	109/004	-30	FL300	096/014	-30	FL300	094/021	-30	FL320	104/022	-35
FL280	104/007	-25	FL280	087/014	-26	FL280	087/019	-25	FL300	106/022	-29
OBEBA			EDSUN			BUMBA			MINIB		
FL380	121/016	-51	FL380	127/015	-51	FL380	156/013	-51	FL380	170/015	-51
FL360	111/018	-46	FL360	126/015	-46	FL360	147/012	-46	FL360	159/014	-46
FL340	103/020	-40	FL340	126/015	-40	FL340	134/011	-40	FL340	145/013	-40
FL320	103/020	-35	FL320	111/016	-35	FL320	118/012	-35	FL320	124/013	-35
FL300	102/020	-30	FL300	098/018	-30	FL300	104/013	-30	FL300	104/014	-29
ABIDE			ORIBO			LONAX			EJA		
FL380	184/015	-51	FL380	193/010	-51	FL380	248/013	-51	FL380	199/002	-51
FL360	185/012	-46	FL360	194/008	-46	FL360	254/012	-46	FL360	204/004	-46
FL340	187/008	-40	FL340	197/006	-40	FL340	261/012	-40	FL340	206/006	-40
FL320	167/006	-35	FL320	202/004	-35	FL320	267/007	-35	FL320	206/005	-35
FL300	134/006	-30	FL300	218/002	-29	FL300	321/002	-29	FL300	205/004	-29
MEVUB			AGUJA			LONET			ARNAL		
FL380	149/001	-51	FL380	121/002	-51	FL380	080/019	-50	FL380	069/014	-51
FL360	191/003	-45	FL360	150/005	-45	FL360	080/023	-45	FL360	083/017	-45
FL340	198/006	-39	FL340	159/008	-39	FL340	080/027	-39	FL340	094/021	-40
FL320	180/006	-34	FL320	136/010	-34	FL320	094/027	-34	FL320	106/019	-35
FL300	161/007	-29	FL300	120/012	-29	FL300	107/028	-29	FL300	120/019	-30
DELVI			OMIRO			TAKUX			VIGTU		
FL380	236/008	-51	FL380	244/015	-51	FL380	253/031	-51	FL400	251/035	-57
FL360	201/007	-45	FL360	230/014	-46	FL360	237/028	-46	FL380	246/038	-51
FL340	167/009	-40	FL340	214/014	-40	FL340	217/027	-40	FL360	246/037	-46
FL320	148/010	-35	FL320	261/006	-35	FL320	254/022	-35	FL340	246/037	-40
FL300	135/013	-30	FL300	337/011	-30	FL300	292/027	-31	FL320	257/036	-35
LEVAT			KEHLI			KELPP			LAURL		
FL400	266/037	-56	FL400	279/055	-57	FL400	272/073	-58	FL400	271/089	-58
FL380	259/038	-51	FL380	277/055	-52	FL380	274/070	-53	FL380	270/087	-53
FL360	258/038	-46	FL360	271/053	-46	FL360	276/067	-48	FL360	269/079	-48
FL340	257/038	-40	FL340	265/051	-41	FL340	278/063	-42	FL340	268/070	-43
FL320	264/039	-35	FL320	269/050	-36	FL320	279/056	-37	FL320	270/057	-39
LFK			UIM			IRW			GLD		
FL400	269/095	-59	FL400	267/074	-59	FL400	278/049	-60	FL420	275/080	-62
FL380	266/092	-54	FL380	266/074	-56	FL380	283/044	-58	FL400	280/082	-61
FL360	265/078	-50	FL360	268/062	-52	FL360	290/040	-54	FL380	282/085	-59
FL340	264/063	-46	FL340	272/048	-48	FL340	298/037	-49	FL360	279/087	-55

TCC321D SBGR-CYVR (05-Nov-2023) #2

FL320 264/052 -41 FL320 272/042 -43 FL320 291/034 -44 FL340 276/090 -50

CYS

FL420 273/087 -60
FL400 277/096 -60
FL380 279/103 -59
FL360 276/104 -55
FL340 272/105 -51

BOY

FL420 268/087 -57
FL400 269/098 -57
FL380 270/108 -56
FL360 270/114 -54
FL340 270/120 -51

HIA

FL420 262/069 -53
FL400 262/077 -54
FL380 262/084 -54
FL360 262/086 -53
FL340 261/089 -52

MLP

FL420 254/050 -52
FL400 253/051 -53
FL380 253/051 -53
FL360 253/048 -54
FL340 252/045 -54

(DESCENT)

FL350 235/020 -57
FL280 243/028 -48
FL210 253/021 -31
14000 243/016 -16
7000 217/007 -3

END FLIGHTPLAN 01767 TCC321D N777TA SBGR-CYVR 05NOV2023

TCC321D SBGR-CYVR (05-Nov-2023) #2

[ATC FLIGHTPLAN]

(FPL-TCC321D-IS

-B77L/H-SDE1FGHIJ1RWXYZ/LB1

-SBGR2145

-N0503F320 ZORZ2A GERTU UL201 ARPAN/N0498F340 UL201 LONAX UM782

AVSEB UL577 CZM/N0494F360 UA766 KEHLI A766 SBI DCT LFK DCT GGG

DCT UIM DCT IRW DCT IFI/N0483F380 DCT GLD DCT CYS DCT BOY DCT

HIA DCT MLP Q142 METOW GRIZZ7

-CYVR1301 KSEA

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/231105 REG/N777TA

EET/SBBS0013 SBAZ0118 SKED0405 SKEC0507 MPZL0538 MKJK0614

MHTG0629 MMID0705 KZHU0749 KZFW0856 KZKC0937 KZDV1005 KZLC1103

KZSE1205 CZVR1252

SEL/EGAF CODE/AA84B2 RVR/75 OPR/TRADEWIND ALASKA

ORGN/PANCTAAP PER/D

RALT/SBPV SKBO

RMK/TCAS

-E/1627)

TCC321D SBGR-CYVR (05-Nov-2023) #2

[PLANNING WEATHER]

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

SBGR 051600Z 16007KT CAVOK 24/13 Q1018
NO TAF AVAILABLE

DESTINATION: CYVR/YVR (VANCOUVER INTL, CANADA) UTC -08:00

CYVR 051600Z 10009G16KT 20SM FEW058 SCT071 BKN080 BKN210 11/11 A2981 RMK
SC2AC2AC3CI1 CI TR SLP096
NO TAF AVAILABLE

ALTERNATE: KSEA/SEA (SEATTLE-TACOMA INTL, UNITED STATES) UTC -08:00

KSEA 051553Z 14009KT 10SM FEW047 BKN090 BKN180 10/07 A2987 RMK A02 SLP121
T01000067 \$
NO TAF AVAILABLE

EDTO AIRPORT: SKBO/BOG (EL DORADO INTL, COLOMBIA) UTC -05:00

SKBO 051600Z 05003KT 9999 BKN023 SCT080 18/11 Q1027 NOSIG
NO TAF AVAILABLE

EDTO AIRPORT: SBPV/PVH (GOVERNADOR JORGE TEIXEIRA DE O, BRAZIL) UTC -04:00

SBPV 051600Z VRB03KT 9999 BKN030 32/23 Q1010
NO TAF AVAILABLE

MHTG/TGU (TONCONTIN INTL, HONDURAS) UTC -06:00

MHTG 051600Z 03003KT 7000 FEW008 BKN024 24/20 Q1018 A3006 NOSIG
NO TAF AVAILABLE

ADEQUATE: SKBQ/BAQ (ERNESTO CORTISSOZ, COLOMBIA) UTC -05:00

SKBQ 051600Z 05005KT 010V100 9999 FEW015 32/26 Q1009 NOSIG
NO TAF AVAILABLE

ADEQUATE: MKJS/MBJ (SANGSTER INTL, JAMAICA) UTC -05:00

MKJS 051600Z 07013KT 9999 FEW022 30/25 Q1011
NO TAF AVAILABLE

TCC321D SBGR-CYVR (05-Nov-2023) #2

ADEQUATE: MMUN/CUN (CANCUN INTL, MEXICO)

UTC -06:00

MMUN 051551Z 01006KT 4SM -RA BKN012 OVC100 25/23 A3001 RMK 60195 8/77/
NO TAF AVAILABLE

ADEQUATE: KIAH/IAH (GEORGE BUSH INTCNTL/HOUSTON, UNITED STATES)

UTC -06:00

KIAH 051553Z VRB04KT 8SM FEW005 BKN250 20/19 A3018 RMK A02 SLP220
T02000194 \$
NO TAF AVAILABLE

ADEQUATE: KDFW/DFW (DALLAS-FT WORTH INTL, UNITED STATES)

UTC -06:00

KDFW 051553Z 20010KT 10SM FEW070 SCT250 22/16 A3013 RMK A02 SLP197
T02170156
NO TAF AVAILABLE

ADEQUATE: KDEN/DEN (DENVER INTL, UNITED STATES)

UTC -07:00

KDEN 051553Z 20007KT 10SM FEW120 SCT160 BKN220 15/M06 A2999 RMK A02 SLP115
ACSL OMTNS DSNT W T01501056
NO TAF AVAILABLE

ADEQUATE: KMSO/MSO (MISSOULA MONTANA, UNITED STATES)

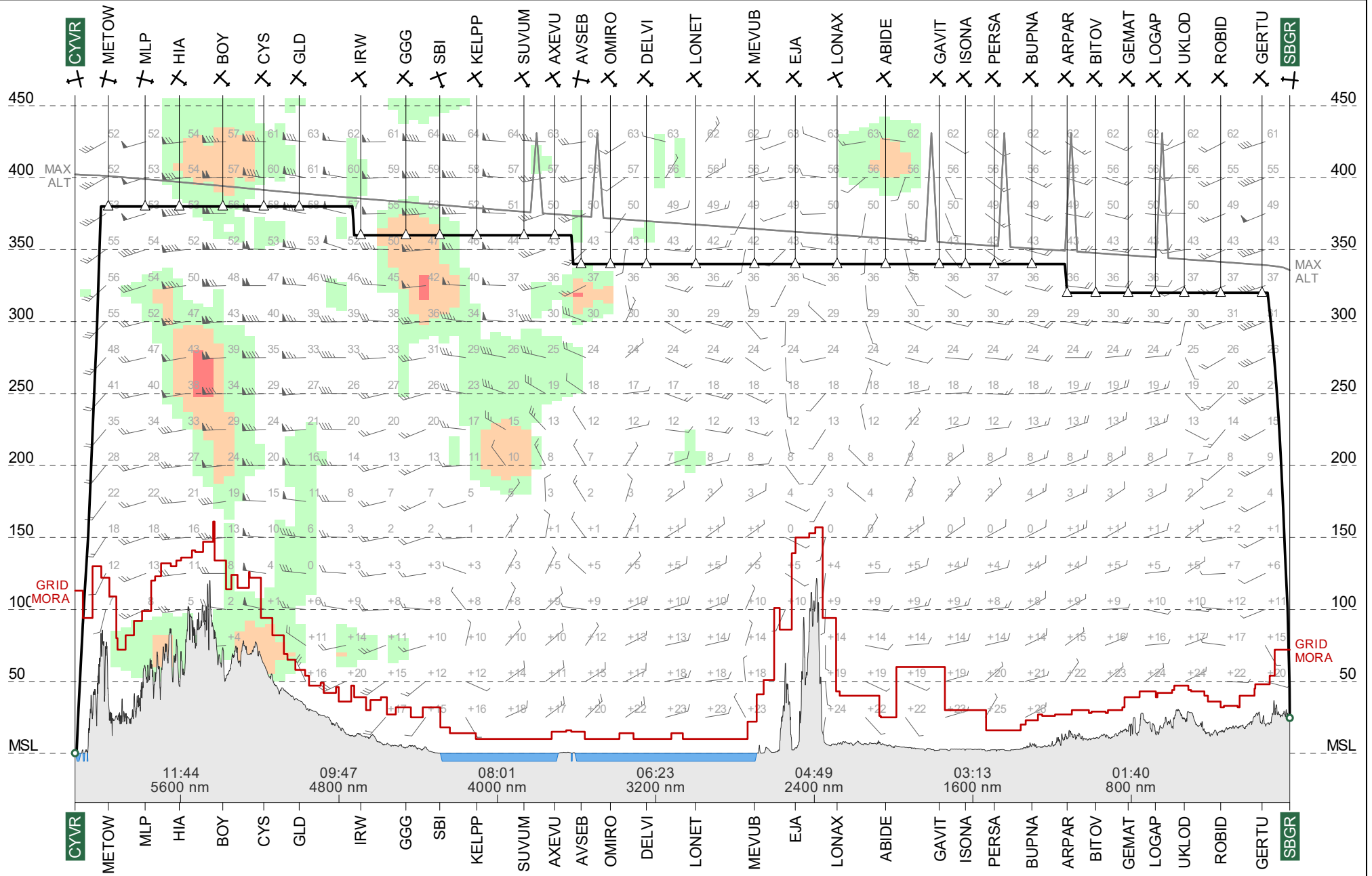
UTC -07:00

KMSO 051553Z 11003KT 10SM BKN065 07/04 A2990 RMK A02 SLP137 T00720044
NO TAF AVAILABLE

TR321D #2

CYVR ← SBGR

ETD 05 Nov 21:45z
N777TA B77L



Route Chart

ETOPS 120
TR321D #2
SBGR-CYVR

05 Nov 2023
N777TA B77L

Lambert Conical Projection
Standard Parallels: 01N and 25N



Wind Chart

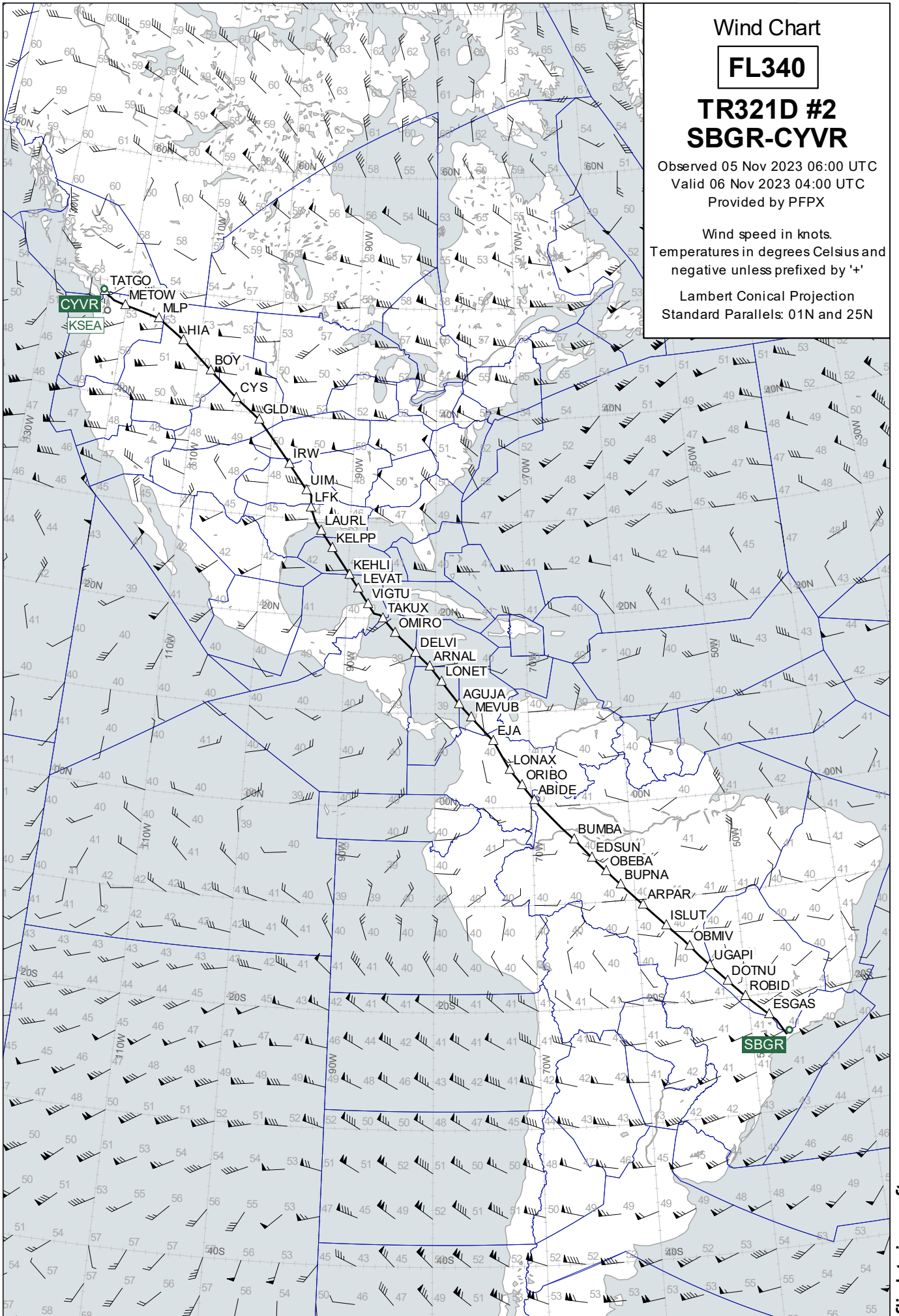
FL340

**TR321D #2
SBGR-CYVR**

Observed 05 Nov 2023 06:00 UTC
Valid 06 Nov 2023 04:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 01N and 25N



Wind Chart

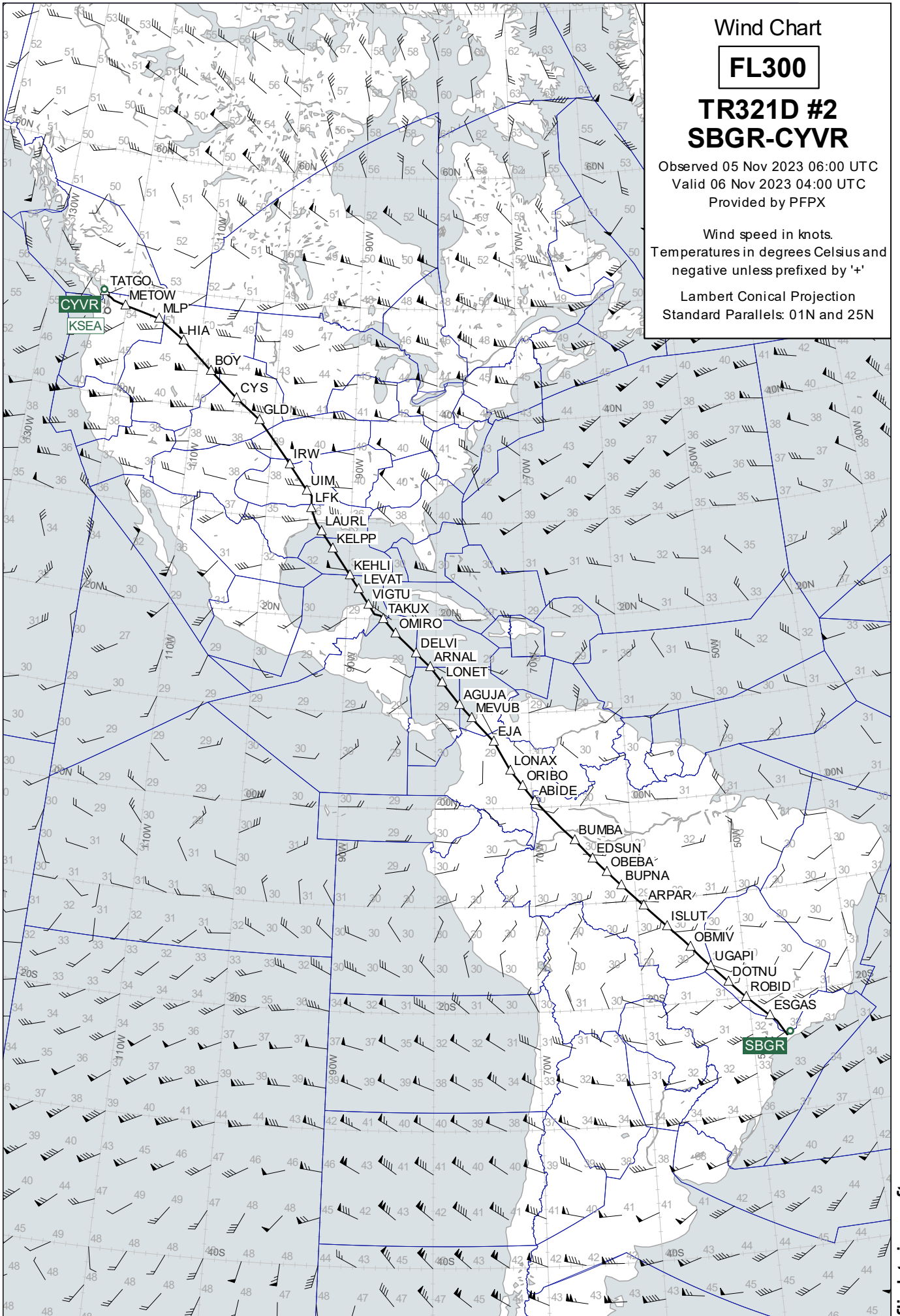
FL300

TR321D #2 SBGR-CYVR

Observed 05 Nov 2023 06:00 UTC
Valid 06 Nov 2023 04:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 01N and 25N



Wind Chart

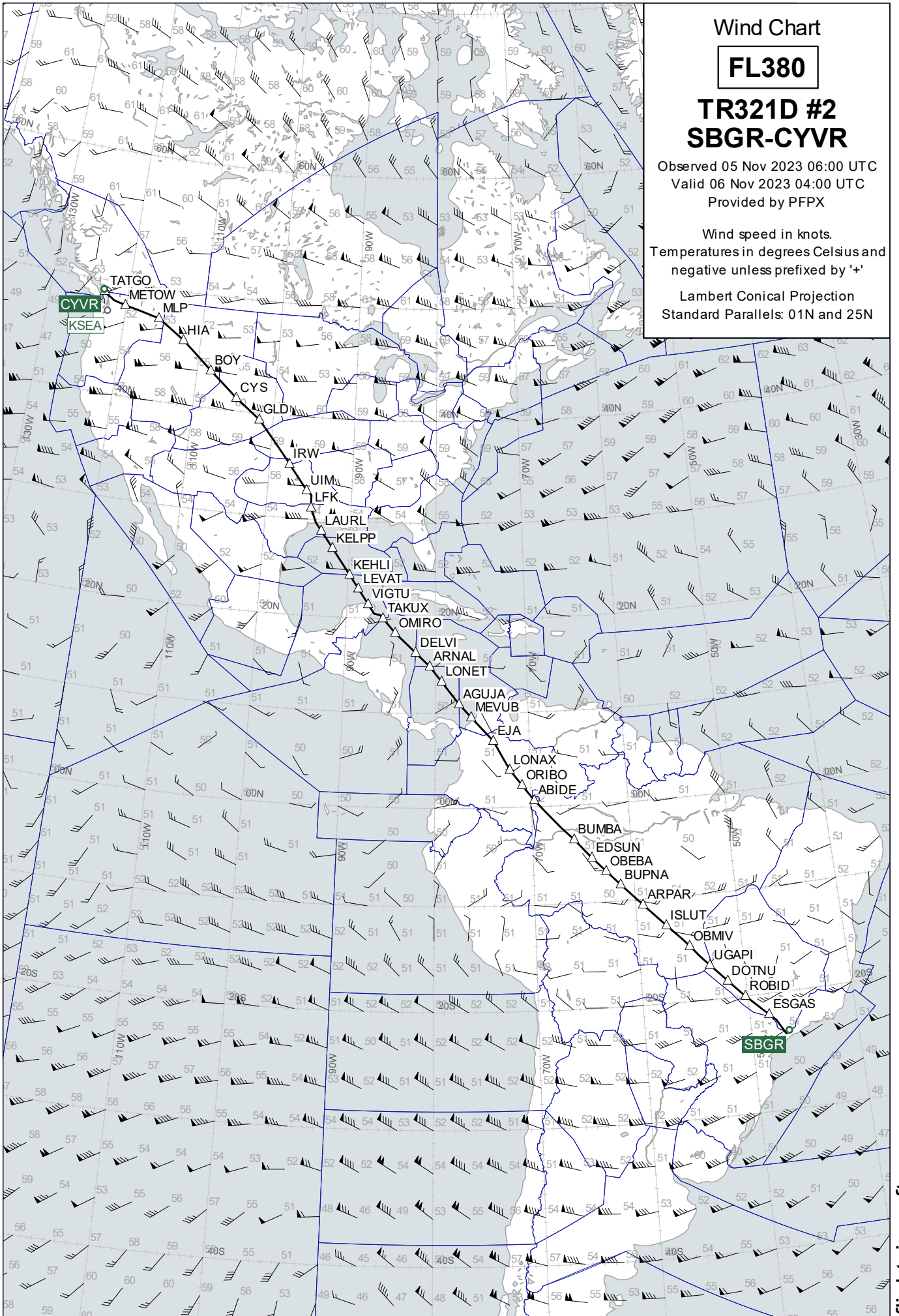
FL380

TR321D #2 SBGR-CYVR

Observed 05 Nov 2023 06:00 UTC
Valid 06 Nov 2023 04:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 01N and 25N



Destination Area

FL150

TR321D #2
SBGR-CYVR

Observed 05 Nov 2023 06:00 UTC

Valid 06 Nov 2023 11:00 UTC

Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection
Standard Parallels: 48N and 49N

