



Flight Briefing Package

TCC321A SBGR-CYVR

05-Nov-2023 #1

RELEASE #1

GUARULHOS-GOV ANDRE FRANCO MON
(BRAZIL)

-

VANCOUVER INTL
(CANADA)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

05 NOV 1636 UTC

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TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC321A PJTGC SBGR-CYVR

 ALL WEIGHTS IN KILOGRAMS (KG) STD 05NOV/2130Z

OPF 1 - PREPARED 05NOV/1636Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR321A/TCC321A PJTGC/B777-2LR GE SEL/SALH 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: 6364 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	156746	262	0	25938	1099 TOW	MAX	209106	295329	223167
						PLN	182684	294230	198651
						ACT	.....	.....	.....

 ** TAKE-OFF DATA SBGR 10L **

COND: 294230 KG // RWY DRY // +24•C Q1018 160/07 // LMT: STRUCT
 CONFIG: FLAPS 15 // TO1 // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=156 VR=159 V2=164
 ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	95579	.....	12:59	
CONT 5%	4779	.....	00:46	
ALTN KSEA	3116	.....	00:30	
FINAL RESV	3110	.....	00:30	
HOLD	2077	.....	00:20	
ADD FUEL	1327	.....	00:13	
MIN T/O	109988	.....	15:18	.....
EXTRA	1558	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	112551	.....	15:48	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	15297	.....	02:24	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 2657 KG LIM BY ENRTE
 TRIP CORR FOR 5000 KG TOW INCR: +1259 KG / 5000 KG TOW DECR: -1323 KG
 2000 FT LOWER: +1108 KG / EET 12:48 CLB: 250/310/84 DES: 84/320/250

SBGR	STD 21:30Z/18:30L	ETD 21:30Z	ACT OFBL	EST T/O 21:45Z	ACT T/O
CYVR	STA 10:45Z/02:45L	ETA 10:54Z	ACT ONBL	EST LDG 10:44Z	ACT LDG
	SKD 13:15	PLN 13:24	TTL BLCK	EST FLT 12:59	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 01:00
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 03:34
 ETOPS EXIT (SKBO) 45 NM BEFORE ABIDE N00 07.0 W069 11.1 EET 04:00

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

SBGR (23:42-01:02)
 SBPV (00:45-02:53)
 SKBO (02:40-02:53)

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 96017 ETP FUEL REQ 16684 DIV TIME 01:32
 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 01:31
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 42 NM BEFORE OBMIV
 PLN FUEL OVER ETP 95921 ETP FUEL REQ 16730 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 01:31
 84/320/250 DESC TO FL100 CRUISE AT AE320 42 NM BEFORE OBMIV
 PLN FUEL OVER ETP 95921 ETP FUEL REQ 15940 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 03:46
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 161 NM BEFORE ABIDE
 PLN FUEL OVER ETP 78142 ETP FUEL REQ 12819 DIV TIME 01:22
 ETP TO SBPV (S08 42.8 W063 54.2) DIST 505 NM WC HD006 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 03:46
 84/320/250 DESC TO FL100 CRUISE AT AE320 161 NM BEFORE ABIDE
 PLN FUEL OVER ETP 78142 ETP FUEL REQ 12233 DIV TIME 01:22
 ETP TO SBPV (S08 42.8 W063 54.2) DIST 505 NM WC HD006 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 15.8 W067 56.9 EET 03:47
 1E084/320 DESC TO FL235 CRUISE AT 1E0320 157 NM BEFORE ABIDE
 PLN FUEL OVER ETP 78075 ETP FUEL REQ 12964 DIV TIME 01:09
 ETP TO SBPV (S08 42.8 W063 54.2) DIST 509 NM WC HD006 TT 152
 ETP TO SKBO (N04 42.1 W074 08.8) DIST 517 NM WC TL001 TT 314
 *** FUEL DUMP REQUIRED ***

ATC ROUTE: N0505F320 ZORZ2A GERTU UL201 BITOV/N0499F340 UL201 LONAX UM782
 DELVI/N0495F360 UM782 AVSEB UL577 CZM UA766 KEHLI A766 SBI DCT LFK
 DCT GGG DCT UIM DCT IRW DCT IFI/N0486F380 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 HD009 00:30 3116 - 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		2461	072				111.5 / 1.0		
	GUARULHOS-GOV	ANDRE					6132	S2326.1 W04629.0/.....	
ZORZ2A	AMVUL	095	*CLB	072			7	110.2 / 2.4	03	00.03
				P14	215/003		6125	S2324.0 W04621.7/.....	
ZORZ2A	GR027	132	*CLB	072			7	109.7 / 2.8	01	00.04
				P15	238/009		6118	S2326.3 W04614.7/.....	
ZORZ2A	GR209	213	*CLB	072			7	109.3 / 3.2	02	00.06
				P15	240/016		6111	S2333.5 W04616.1/.....	
ZORZ2A	GR212	280	*CLB	072			14	108.6 / 3.9	02	00.08
				P16	242/029		6097	S2336.5 W04631.2/.....	
ZORZ2A	CGO	283	*CLB	072	116.90		8	108.3 / 4.3	01	00.09
	CONGONHAS	SAO PAULO		P15	243/033		6089	S2337.7 W04639.3/.....	
ZORZ2A	GR739	259	*CLB	072			3	108.1 / 4.4	01	00.10
				P14	244/035		6086	S2339.3 W04642.0/.....	
ZORZ2A	ZORZA	260	*CLB	072			6	107.9 / 4.7	00	00.10
				P14	245/038		6080	S2342.5 W04647.6/.....	
ZORZ2A	*BDRY	353	*CLB	072			15	107.4 / 5.2	03	00.13
	-SBBS			P13	246/044		6065	S2329.0 W04655.8/.....	
ZORZ2A	GR103	353	*CLB	072			5	107.2 / 5.4	00	00.13
				P13	247/046		6059	S2324.3 W04658.6/.....	
ZORZ2A	GR104	353	*CLB	072			9	106.9 / 5.6	01	00.14
				P13	247/048		6050	S2316.4 W04703.5/.....	
ZORZ2A	GERTU	353	FL320	054		505	58	105.6 / 6.9	07	00.21
				P12	250/043	495	5992	S2225.8 W04733.8/.....	
UL201	ESGAS	336	FL320	048		505	48	104.8 / 7.8	06	00.27
				P12	249/037	486	5944	S2152.2 W04811.1/.....	
UL201	UPONA	336	FL320	040		505	57	103.8 / 8.7	07	00.34
				P12	248/029	492	5888	S2112.7 W04854.5/.....	
UL201	ROBID	336	FL320	040		505	104	102.0 / 10.5	13	00.47
				P12	248/021	496	5784	S1959.7 W05013.2/.....	

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UL201	PANAB	336	FL320	036	505	29	101.6 / 11.0	03	00.50
					P12	246/019	498 5755	S1939.6	W05034.5
							/.....	
UL201	OSELA	338	FL320	040	505	44	100.8 / 11.7	06	00.56
					P12	240/015	500 5711	S1906.8	W05106.2
							/.....	
----- ETOPS ENTRY (SBGR) 0014 NM BEFORE DOTNU EET 01:00 -----									
UL201	DOTNU	338	FL320	043	505	54	99.9 / 12.6	06	01.02
					P13	242/009	503 5657	S1827.0	W05144.5
							/.....	
UL201	UKLOD	338	FL320	047	506	57	99.0 / 13.6	07	01.09
					P13	236/004	504 5600	S1744.8	W05224.4
							/.....	
UL201	UGAPI	337	FL320	047	506	75	97.8 / 14.8	09	01.18
-SBAZ					P13	097/002	507 5525	S1650.4	W05317.5
							/.....	
UL201	ESPIN	337	FL320	042	506	10	97.6 / 14.9	01	01.19
					P13	093/003	508 5515	S1642.7	W05324.9
							/.....	
UL201	ENSUK	337	FL320	042	506	16	97.3 / 15.2	02	01.21
					P13	090/004	508 5499	S1630.9	W05336.4
							/.....	
UL201	LOGAP	337	FL320	043	506	45	96.6 / 15.9	05	01.26
					P13	092/008	511 5454	S1557.7	W05407.8
							/.....	
	*ETP 1	340	FL320	043	506	43	95.9 / 16.6	05	01.31
	SBGR/SBPV				P13	093/010	512 5411	S1524.5	W05436.2
							/.....	
UL201	OBMIV	340	FL320	043	506	42	95.2 / 17.3	05	01.36
					P13	094/013	515 5369	S1452.1	W05503.8
							/.....	
UL201	GEMAT	338	FL320	039	506	52	94.4 / 18.1	06	01.42
					P13	095/016	518 5317	S1412.8	W05539.2
							/.....	
UL201	EQUAL	335	FL320	039	506	38	93.8 / 18.7	05	01.47
					P13	095/017	520 5278	S1345.4	W05606.6
							/.....	
UL201	ISLUT	334	FL320	030	506	88	92.4 / 20.1	10	01.57
					P13	094/019	521 5191	S1242.4	W05709.0
							/.....	
UL201	BITOV	334	*CLB	029		38	91.8 / 20.7	04	02.01
					P13	092/019	5153	S1215.1	W05736.0
							/.....	
UL201	*TOC	334	FL340	029	499	11	91.6 / 21.0	02	02.03
					P12	090/019	512 5141	S1207.1	W05743.8
							/.....	
----- ETOPS EXIT (SBPV) 0120 NM BEFORE ARPAN EET 02:04 -----									
UL201	ARPAN	334	FL340	030	499	133	89.5 / 23.0	15	02.18
					P12	095/023	517 5008	S1030.9	W05917.2
							/.....	
UL201	BUPNA	333	FL340	027	500	178	86.8 / 25.7	21	02.39
					P12	102/022	518 4831	S0822.2	W06121.3
							/.....	
UL201	OBEBA	332	FL340	023	499	118	85.0 / 27.5	13	02.52
					P12	102/020	517 4713	S0656.5	W06242.8
							/.....	

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UL201	PERSA	332	FL340	016	499	72	84.0 / 28.6	09	03.01
					P12 121/018	517 4641	S0604.3 W06332.1/.....	
UL201	EDSUN	331	FL340	030	500	47	83.3 / 29.3	05	03.06
					P12 125/015	516 4594	S0530.3 W06404.1/.....	
UL201	EGLER	331	FL340	030	500	16	83.0 / 29.5	02	03.08
					P12 124/014	514 4578	S0518.3 W06415.3/.....	
UL201	ISONA	333	FL340	030	500	82	81.8 / 30.8	10	03.18
					P12 128/012	512 4495	S0416.1 W06509.1/.....	
UL201	BUMBA	333	FL340	030	500	57	80.9 / 31.6	06	03.24
					P12 133/010	511 4439	S0333.1 W06546.2/.....	
UL201	GAVIT	328	FL340	060	500	76	79.8 / 32.8	09	03.33
					P12 139/011	512 4362	S0239.2 W06640.0/.....	
----- ETOPS ENTRY (SBPV) 0022 NM BEFORE MINIB EET 03:34 -----									
UL201	MINIB	327	FL340	060	500	29	79.3 / 33.2	04	03.37
					P12 144/013	512 4334	S0219.0 W06700.3/.....	
	*ETP 2	330	FL340	060	500	85	78.1 / 34.5	10	03.47
	SBPV/SKBO				P12 148/014	514 4249	S0115.8 W06756.9/.....	
----- ETOPS EXIT (SKBO) 0045 NM BEFORE ABIDE EET 04:00 -----									
UL201	ABIDE	329	FL340	025	501	157	75.7 / 36.8	18	04.05
-SKED					P12 187/008	508 4092	N0040.7 W06941.3/.....	
UL201	ORIBO	334	FL340	040	501	122	73.9 / 38.6	14	04.19
					P12 197/006	506 3971	N0217.7 W07054.2/.....	
UL201	LONAX	333	FL340	043	502	123	72.1 / 40.5	15	04.34
					P13 260/011	497 3847	N0356.0 W07208.4/.....	
UM782	EJA	341	FL340	157	115.90	502 211	68.9 / 43.7	25	04.59
	BARRANCABERMEJA				P13 207/005	504 3636	N0701.7 W07348.3/.....	
	SKBQ	327	FL340	139		61	68.0 / 44.6	08	05.07
-SKEC					P13 122/001	3575	N0746.9 W07429.3/.....	
UM782	XOGEN	326	FL340	086	502	1	68.0 / 44.6	00	05.07
					P13 221/004	503 3574	N0747.6 W07430.0/.....	
UM782	USVUS	326	FL340	101	502	38	67.4 / 45.1	04	05.11
					P13 192/004	503 3537	N0815.4 W07455.4/.....	
UM782	MEVUB	326	FL340	101	502	107	65.8 / 46.7	13	05.24
					P13 197/006	506 3430	N0934.4 W07607.9/.....	
UM782	AGUJA	326	FL340	022	502	114	64.2 / 48.4	13	05.37
-MPZL					P13 155/007	509 3316	N1059.1 W07725.0/.....	
UM782	LONET	329	FL340	010	503	182	61.6 / 51.0	22	05.59
					P13 080/026	515 3134	N1323.1 W07918.8/.....	

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	MKJS	328	FL340	010		3	61.6 / 51.0	00	05.59
					P13 085/022	3130	N1325.8 W07920.9/.....	
UM782	ARNAL	328	FL340	014		503 120	59.9 / 52.7	14	06.13
-MKJK					P13 093/020	515 3011	N1500.0 W08036.9/.....	
UM782	DELVI	319	*CLB	010		126	58.1 / 54.5	15	06.28
-MHTG					P13 165/008	2884	N1627.1 W08211.4/.....	
	MMUN	318	FL360	014		85	56.8 / 55.8	10	06.38
					P10 242/005	2799	N1725.6 W08315.8/.....	
UM782	OMIRO	318	FL360	014		495 97	55.4 / 57.1	12	06.50
					P11 229/014	496 2703	N1831.5 W08429.7/.....	
UM782	TAKUX	323	FL360	010		495 120	53.7 / 58.8	14	07.04
-MMID					P11 236/027	491 2582	N2001.6 W08553.8/.....	
UM782	AVSEB	321	FL360	015		496 28	53.3 / 59.2	04	07.08
					P11 240/031	488 2555	N2022.2 W08613.5/.....	
UL577	GOSUL	285	FL360	015		497 15	53.1 / 59.4	02	07.10
					P11 240/032	473 2540	N2025.3 W08628.7/.....	
UL577	CZM	285	FL360	015	112.50	497 25	52.7 / 59.8	03	07.13
	COZUMEL				P11 241/032	472 2515	N2030.5 W08654.7/.....	
UA766	VOBED	329	FL360	016		496 31	52.3 / 60.3	04	07.17
					P11 242/035	491 2484	N2056.4 W08713.2/.....	
UA766	VIGTU	329	FL360	016		496 39	51.7 / 60.8	04	07.21
					P10 245/037	489 2445	N2128.7 W08736.5/.....	
UA766	AXEVU	328	FL360	015		496 23	51.4 / 61.1	03	07.24
					P10 246/037	488 2422	N2147.9 W08750.4/.....	
UA766	MUXOG	328	FL360	015		496 28	51.0 / 61.5	04	07.28
					P10 248/037	487 2394	N2210.8 W08807.1/.....	
UA766	IGTOB	328	FL360	010		496 31	50.6 / 62.0	03	07.31
					P11 252/036	485 2364	N2236.1 W08825.6/.....	
UA766	ITLOM	328	FL360	010		496 5	50.5 / 62.0	01	07.32
					P10 253/036	485 2359	N2240.0 W08828.5/.....	
UA766	RORLA	328	FL360	010		496 8	50.4 / 62.2	01	07.33
					P11 254/036	484 2351	N2246.6 W08833.4/.....	
UA766	LEVAT	328	FL360	010		496 22	50.1 / 62.5	03	07.36
					P10 258/037	484 2328	N2305.0 W08847.0/.....	
UA766	SUVUM	327	FL360	010		497 62	49.2 / 63.4	08	07.44
					P10 271/046	471 2266	N2356.2 W08925.4/.....	
UA766	KEHLI	327	FL360	010		497 40	48.6 / 64.0	05	07.49
-KZHU					P10 271/053	465 2226	N2429.2 W08950.4/.....	
	KIAH	326	FL360	010		119	46.8 / 65.8	15	08.04

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				P09 276/055	2107	N2606.3	W09105.7/.....
A766	KELPP	325	FL360	010	497 79	45.6 / 67.0	11	08.15
				P08 275/066	452 2028	N2710.5	W09157.0/.....
A766	KENGs	324	FL360	014	497 69	44.5 / 68.0	09	08.24
				P08 269/073	450 1959	N2806.3	W09242.4/.....
A766	KLAMS	324	FL360	014	497 11	44.3 / 68.2	01	08.25
				P08 269/074	450 1948	N2815.0	W09249.7/.....
A766	LAURL	324	FL360	014	496 47	43.6 / 68.9	07	08.32
				P08 269/078	448 1901	N2853.0	W09321.3/.....
A766	SBI	323	FL360	032	115.40 496 60	42.7 / 69.9	08	08.40
	SABINE PASS			P07 267/082	445 1841	N2941.2	W09402.3/.....
DCT	LFK	338	FL360	032	112.10 495 95	41.3 / 71.3	12	08.52
	LUFKIN			P06 265/078	465 1746	N3109.8	W09443.0/.....
DCT	*BDRY	357	FL360	025	492 23	41.0 / 71.6	03	08.55
	-KZFW			P06 264/077	488 1723	N3132.5	W09443.7/.....
DCT	GGG	357	FL360	032	112.90 491 53	40.2 / 72.3	06	09.01
	GREGG CO. LONGVIEW			P05 266/069	488 1670	N3225.1	W09445.2/.....
DCT	UIM	311	FL360	032	114.00 494 42	39.6 / 72.9	06	09.07
	QUITMAN			P04 268/061	445 1629	N3252.8	W09522.0/.....
	KDFW	322	FL360	032	27	39.2 / 73.3	03	09.10
				P05 280/046	1602	N3314.3	W09540.9/.....
DCT	IRW	322	FL360	039	114.10 492 159	36.9 / 75.7	21	09.31
	WILL ROGERS OKLAHOMA			P03 289/040	458 1442	N3521.5	W09736.6/.....
DCT	IFI	321	*CLB	047	114.70 33	36.4 / 76.2	04	09.35
	KINGFISHER			P03 285/043	1409	N3548.3	W09800.2/.....
DCT	*BDRY	319	*CLB	047	6	36.2 / 76.3	01	09.36
	-KZKC			P00 279/045	1404	N3552.7	W09804.5/.....
	KDEN	318	FL380	049	148	34.0 / 78.6	20	09.56
				M00 281/079	1256	N3748.1	W10000.0/.....
DCT	*BDRY	316	FL380	049	486 52	33.2 / 79.4	08	10.04
	-KZDV			M03 282/075	426 1204	N3828.2	W10042.1/.....
DCT	GLD	315	FL380	058	115.10 486 72	32.0 / 80.5	10	10.14
	GOODLAND			M02 282/084	418 1132	N3923.3	W10141.5/.....
DCT	CYS	303	FL380	094	113.10 487 179	29.1 / 83.4	27	10.41
	CHEYENNE			M03 278/103	395 953	N4112.7	W10446.4/.....
DCT	*BDRY	304	FL380	126	489 138	26.8 / 85.7	21	11.02
	-KZLC			P00 273/105	398 815	N4243.7	W10706.1/.....
DCT	BOY	301	FL380	134	117.80 490 69	25.7 / 86.9	10	11.12
	BOYSEN RESERVOIR			P00 270/107	401 746	N4327.8	W10818.0/.....

TCC321A SBGR-CYVR (05-Nov-2023) #1

	KMSO	303	FL380	161		59	24.7 / 87.8	09	11.21
				P02 260/108		686	N4407.6 W10919.1/.....	
DCT	HIA	302	FL380	147	113.70	493	160	22.3 / 90.3	23 11.44
	WHITEHALL			P03 262/084	428	526	N4551.7 W11210.2/.....	
DCT	*BDRY	293	FL380	134		493	141	20.2 / 92.3	19 12.03
	-KZSE			P04 255/055	452	385	N4710.5 W11500.0/.....	
DCT	MLP	290	FL380	099	117.80	493	31	19.8 / 92.8	04 12.07
	MULLAN PASS			P03 252/051	455	354	N4727.4 W11538.8/.....	
	CYVR	271	FL380	099		135	17.9 / 94.6	18 12.25	
				P05 242/033		219	N4757.9 W11854.1/.....	
Q142	METOW	268	FL380	122		493	51	17.2 / 95.3	06 12.31
				P04 240/035	465	168	N4808.0 W12009.0/.....	
GRIZZ7	*TOD	270	FL380	130		493	38	16.7 / 95.8	05 12.36
				P04 237/033	469	130	N4817.6 W12104.1/.....	
GRIZZ7	ILSAA	269	*DES	130			27	16.7 / 95.9	04 12.40
				M09 214/029			103	N4824.0 W12142.9/.....
GRIZZ7	PIZZE	291	*DES	130			20	16.6 / 95.9	02 12.42
				M05 203/017			83	N4835.7 W12207.3/.....
GRIZZ7	EGRET	280	*DES	094			17	16.5 / 96.0	03 12.45
				M03 186/013			66	N4842.7 W12230.6/.....
GRIZZ7	*BDRY	296	*DES	113			26	16.4 / 96.1	05 12.50
	-CZVR			M04 162/006			40	N4900.0 W12300.8/.....
GRIZZ7	TATGO	296	*DES	113			3	16.4 / 96.2	00 12.50
				M04 160/005			37	N4902.0 W12304.2/.....
GRIZZ7	YVR	296	*DES	113	115.90		4	16.4 / 96.2	01 12.51
	VANCOUVER			M04 155/004			32	N4904.6 W12309.0/.....
GRIZZ7	NAKMA	270	*DES	113			17	16.2 / 96.3	04 12.55
				M06 116/001			15	N4909.1 W12334.6/.....
GRIZZ7	CYVR/08L	062		13 113			15	16.0 / 96.6	04 12.59
	VANCOUVER INTL							N4912.3 W12312.1/.....

TCC321A SBGR-CYVR (05-Nov-2023) #1

WIND INFORMATION - OBS 05/NOV 06:00

(CLIMB)											
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	246/025	-41	FL340	248/013	-41
FL170	244/024	-3	FL320	249/037	-36	FL320	248/021	-36	FL320	242/010	-36
FL110	240/008	+9	FL300	245/038	-31	FL300	252/017	-31	FL300	229/006	-30
5000	139/004	+19	FL280	243/034	-27	FL280	242/016	-27	FL280	208/006	-26
UGAPI			OBMIV			ISLUT			ARPAR		
FL360	032/000	-46	FL360	096/013	-46	FL360	099/017	-46	FL380	101/021	-51
FL340	062/001	-41	FL340	091/012	-40	FL340	094/018	-40	FL360	098/022	-46
FL320	097/003	-35	FL320	094/013	-35	FL320	094/019	-35	FL340	096/023	-40
FL300	108/004	-30	FL300	097/014	-30	FL300	095/021	-30	FL320	098/021	-35
FL280	104/007	-25	FL280	088/014	-26	FL280	087/020	-25	FL300	100/019	-29
BUPNA			OBEBA			EDSUN			BUMBA		
FL380	114/018	-51	FL380	120/016	-51	FL380	127/015	-51	FL380	156/013	-51
FL360	108/020	-45	FL360	111/018	-46	FL360	127/015	-46	FL360	146/012	-46
FL340	102/023	-40	FL340	103/021	-40	FL340	126/015	-40	FL340	134/011	-40
FL320	104/022	-35	FL320	103/021	-35	FL320	111/016	-35	FL320	118/012	-35
FL300	106/022	-29	FL300	102/020	-30	FL300	099/018	-30	FL300	105/013	-30
MINIB			ABIDE			ORIBO			LONAX		
FL380	169/015	-51	FL380	184/015	-51	FL380	193/010	-51	FL380	247/013	-51
FL360	158/014	-46	FL360	185/012	-46	FL360	195/008	-46	FL360	253/012	-46
FL340	144/013	-40	FL340	187/008	-40	FL340	197/007	-40	FL340	260/012	-40
FL320	123/013	-35	FL320	167/006	-35	FL320	201/004	-35	FL320	267/007	-35
FL300	104/014	-29	FL300	136/006	-29	FL300	214/002	-29	FL300	317/002	-29
EJA			MEVUB			AGUJA			LONET		
FL380	203/002	-51	FL380	158/001	-51	FL380	116/003	-51	FL380	079/019	-50
FL360	207/004	-46	FL360	191/004	-45	FL360	145/005	-45	FL360	080/023	-45
FL340	208/006	-40	FL340	197/007	-39	FL340	155/008	-39	FL340	080/027	-39
FL320	208/005	-35	FL320	179/006	-34	FL320	133/010	-34	FL320	093/027	-34
FL300	207/004	-29	FL300	160/007	-29	FL300	119/013	-29	FL300	106/029	-29
ARNAL			OMIRO			TAKUX			VIGTU		
FL380	068/014	-51	FL400	251/016	-56	FL400	259/031	-56	FL400	252/035	-57
FL360	083/017	-45	FL380	243/015	-51	FL380	252/030	-51	FL380	246/038	-51
FL340	094/021	-40	FL360	229/014	-46	FL360	236/028	-46	FL360	246/037	-46
FL320	106/019	-35	FL340	214/014	-40	FL340	217/027	-40	FL340	245/037	-40
FL300	120/019	-30	FL320	261/006	-35	FL320	254/022	-35	FL320	257/036	-35
LEVAT			KEHLI			KELPP			LAURL		
FL400	265/037	-56	FL400	278/055	-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	264/051	-41	FL340	278/063	-42	FL340	268/070	-43
FL320	263/039	-35	FL320	269/050	-36	FL320	279/056	-37	FL320	270/057	-39
LFK			UIM			IRW			GLD		
FL400	269/095	-59	FL400	267/075	-59	FL400	278/049	-60	FL420	275/080	-62
FL380	266/093	-54	FL380	266/074	-56	FL380	283/044	-58	FL400	280/082	-61
FL360	265/079	-50	FL360	268/062	-52	FL360	290/040	-54	FL380	282/085	-59
FL340	264/063	-46	FL340	272/049	-48	FL340	298/037	-49	FL360	279/087	-55

TCC321A SBGR-CYVR (05-Nov-2023) #1

FL320 264/052 -41 FL320 272/042 -43 FL320 291/034 -44 FL340 276/089 -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 263/069 -53
FL400 263/077 -54
FL380 262/084 -54
FL360 262/086 -53
FL340 262/089 -52

MLP

FL420 254/050 -52
FL400 253/051 -53
FL380 253/051 -53
FL360 253/048 -54
FL340 252/046 -54

(DESCENT)

FL350 235/020 -57
FL280 243/028 -48
FL210 254/021 -31
14000 244/016 -16
7000 217/007 -3

END FLIGHTPLAN 01763 TCC321A PJTGC SBGR-CYVR 05NOV2023

TCC321A SBGR-CYVR (05-Nov-2023) #1

[ATC FLIGHTPLAN]

(FPL-TCC321A-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-SBGR2130

-N0505F320 ZORZ2A GERTU UL201 BITOV/N0499F340 UL201 LONAX UM782

DELVI/N0495F360 UM782 AVSEB UL577 CZM UA766 KEHLI A766 SBI DCT

LFK DCT GGG DCT UIM DCT IRW DCT IFI/N0486F380 DCT GLD DCT CYS

DCT BOY DCT HIA DCT MLP Q142 METOW GRIZZ7

-CYVR1259 KSEA

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/231105 REG/PJTGC

EET/SBBS0013 SBAZ0118 SKED0405 SKEC0507 MPZL0538 MKJK0613

MHTG0628 MMID0704 KZHU0749 KZFW0855 KZKC0936 KZDV1004 KZLC1102

KZSE1203 CZVR1250

SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/C

RALT/SBPV SKBO

RMK/TCAS

-E/1533)

TCC321A SBGR-CYVR (05-Nov-2023) #1

[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 051500Z 09008KT 10SM FEW060 BKN072 OVC210 11/10 A2982 RMK SC1AC6CI1
SLP099
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

TCC321A SBGR-CYVR (05-Nov-2023) #1

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)

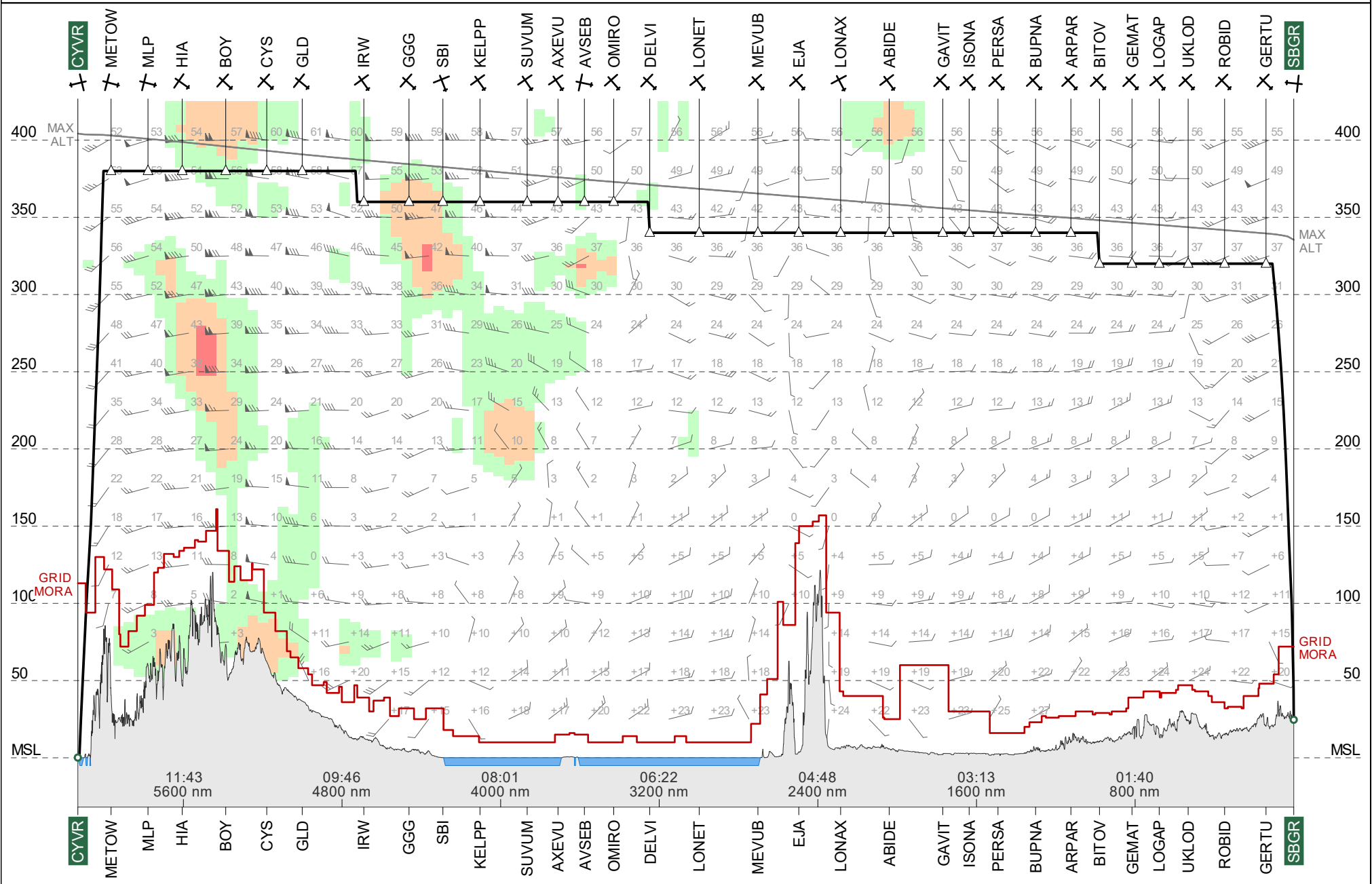
UTC -07:00

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

TR321A #1

CYVR ← SBGR

ETD 05 Nov 21:30z
PJTGC B77L



Route Chart

ETOPS 120

TR321A #1
SBGR-CYVR

05 Nov 2023
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 01N and 25N



Wind Chart

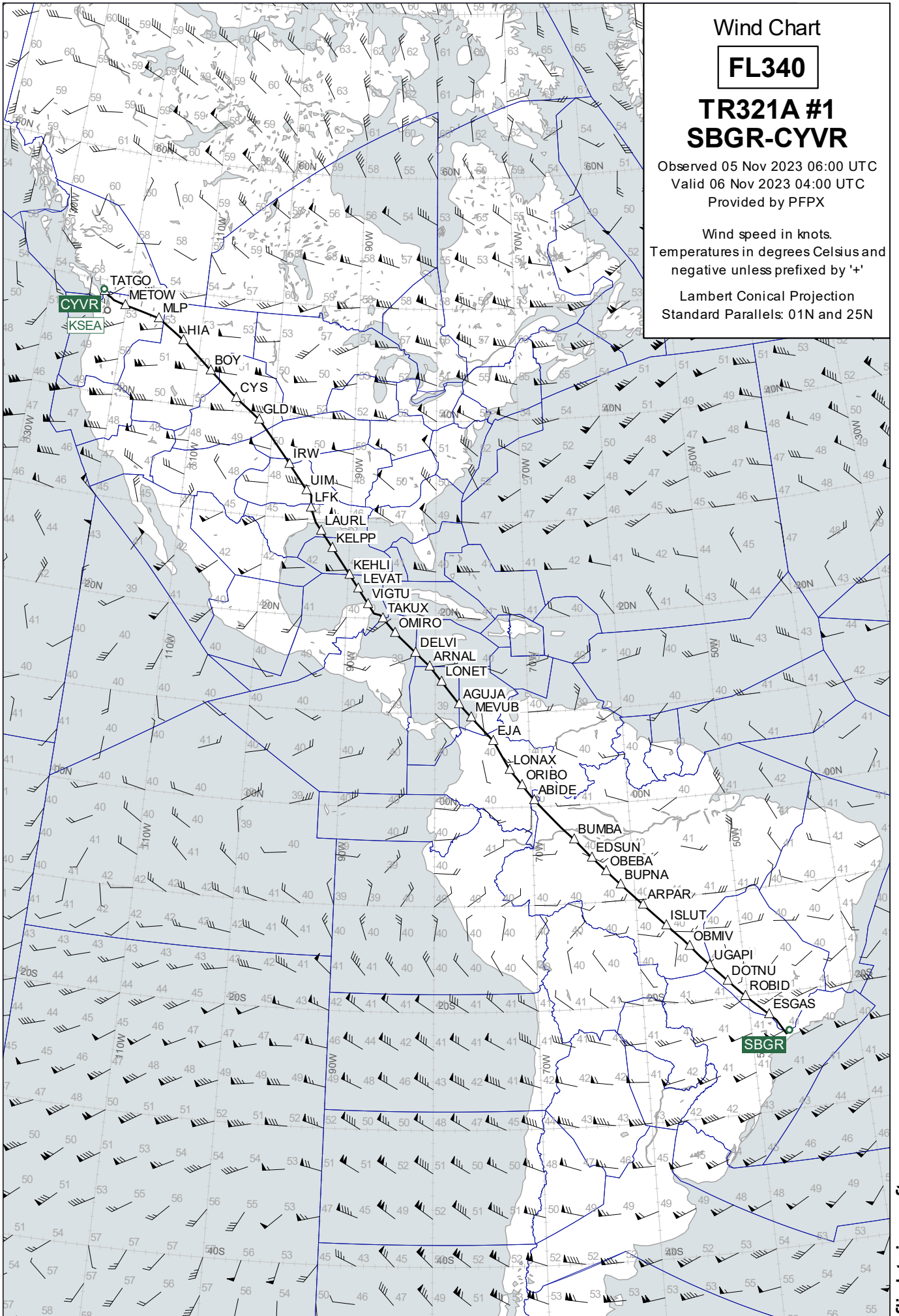
FL340

TR321A #1 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

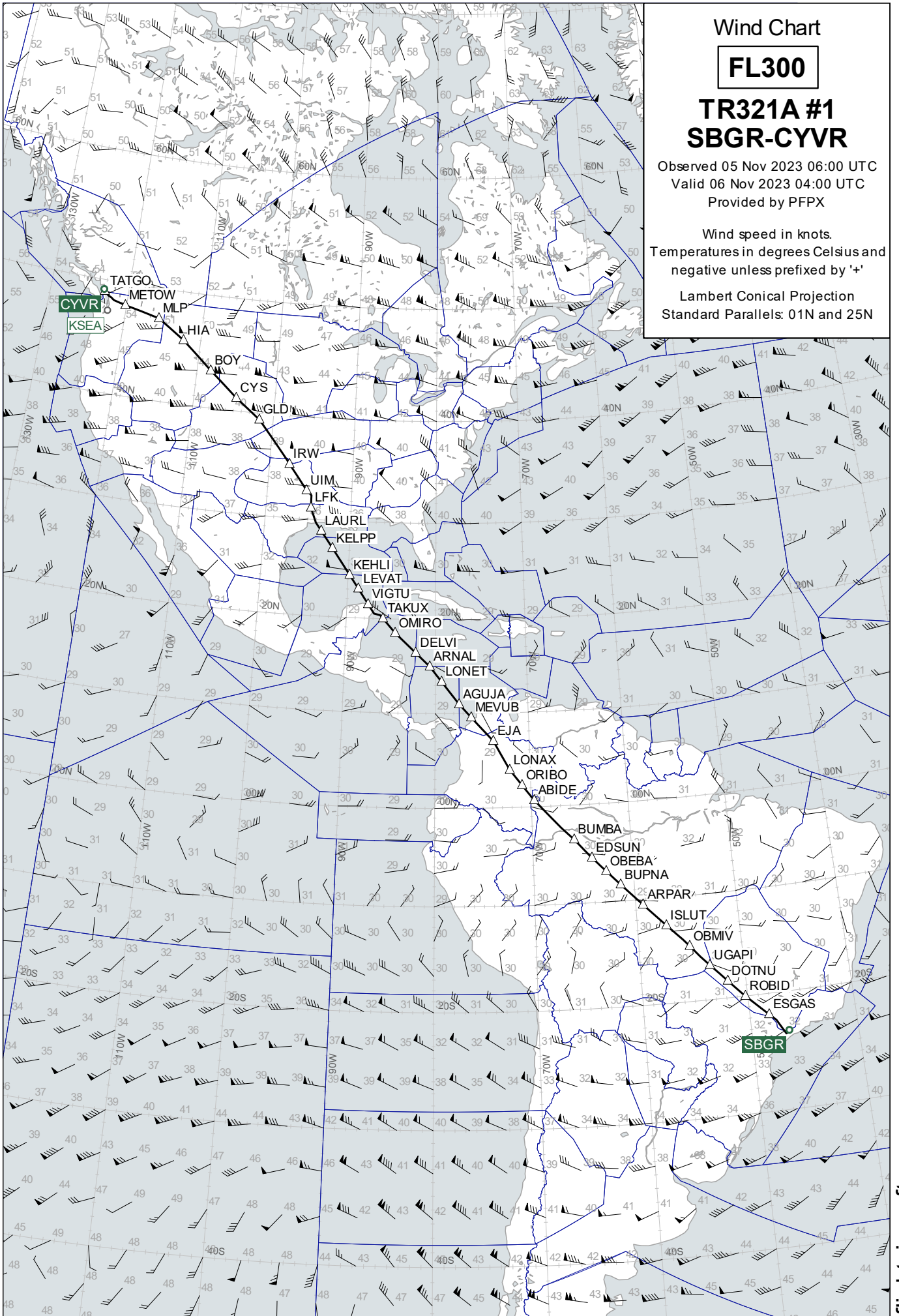
FL300

**TR321A #1
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

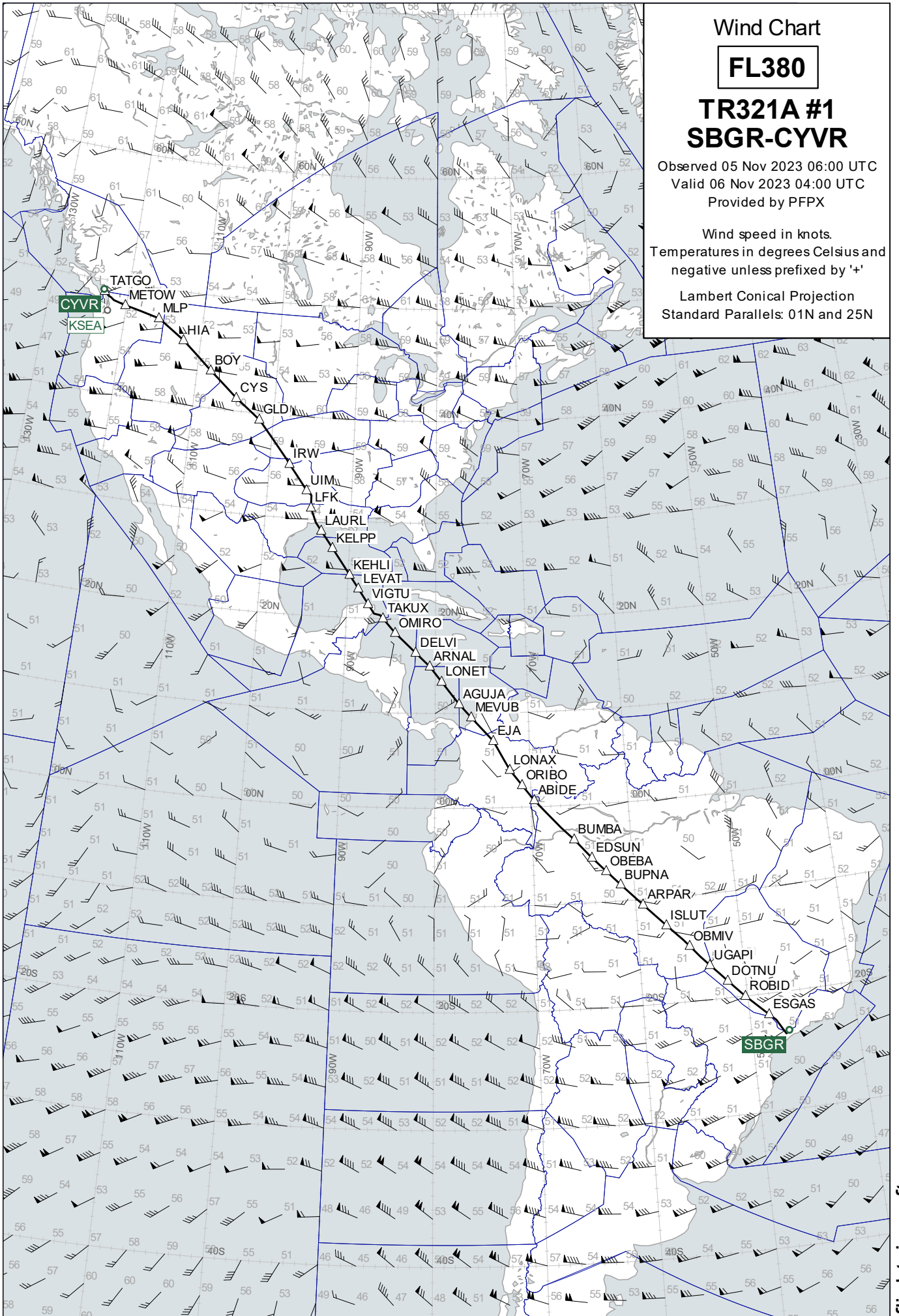
FL380

**TR321A #1
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

TR321A #1
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

