



## **Flight Briefing Package**

**TCC321B SBGR-CYYZ**

**03-Nov-2024 #1**

RELEASE #1

GUARULHOS-GOV ANDRE FRANCO MON  
(BRAZIL)

-

LESTER B PEARSON INTL  
(CANADA)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

03 NOV 1922 UTC

**TCC321B SBGR-CYYZ (03-Nov-2024) #1**

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC321B PJTGD SBGR-CYYZ

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 03NOV/2135Z  
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OPF 1 - PREPARED 03NOV/1922Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR321B/TCC321B PJTGD/B777-2LR GE SEL/EFAD ROUTE: SBGRCYZ01

DEP: SBGR/GRU 10L ELEV 2461 FT COST INDEX: 250 TTL G/C DIST: 4428 NM  
 ARR: CYYZ/YYZ 06R ELEV 569 FT INIT ALT: FL340 TTL F/P DIST: 4587 NM  
 FUEL BIAS: 102.5% TTL AIR DIST: 4694 NM  
 AVG WIND CMP: HD011 KT

ALT: KBUF/BUF 05 ELEV 727 FT 69 NM

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<b>CONFIG</b>	<b>DOW</b>	<b>PAX</b>	<b>CARGO</b>	<b>TOTAL</b>	<b>ULOAD LIM</b>		<b>ZFW</b>	<b>TOW</b>	<b>LDW</b>
STANDARD	156746	263	0	31034	21326 ZFW	<b>MAX</b>	209106	307945	223167
						<b>PLN</b>	187780	269836	201179
						<b>ACT</b>	.....	.....	.....

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 \*\* TAKE-OFF DATA SBGR 10L \*\*

COND: 269836 KG // RWY DRY // +22•C Q1015 070/05 // LMT: CLIMB  
 CONFIG: FLAPS 5 // D-T01 +41C // A/I OFF/AUTO // A/C ON  
 SPEEDS: V1=159 VR=161 V2=164  
 ENG OUT: NONE

	<b>FUEL</b>	<b>CORR</b>	<b>ENDUR</b>	
TRIP	68657	.....	09:39	
CONT 5%	3433	.....	00:33	
ALTN KBUF	1986	.....	00:17	
FINAL RESV	3144	.....	00:30	
HOLD	2098	.....	00:20	
ADD FUEL	1165	.....	00:11	
<b>MIN T/O</b>	<b>80483</b>	.....	11:29	.....
EXTRA	1573	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
<b>RELEASE</b>	<b>83061</b>	.....	11:59	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	12729	.....	01:56	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 23561 KG LIM BY LDW  
 TRIP CORR FOR 4000 KG TOW INCR: +791 KG / 4000 KG TOW DECR: -810 KG  
 2000 FT LOWER: +1051 KG / EET 09:30 CLB: 250/310/84 DES: 84/320/250

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SBGR	<b>STD</b> 21:35Z/18:35L	<b>ETD</b> 21:35Z	ACT OFBL ....	<b>EST T/O</b> 21:50Z	ACT T/O ....
CYYZ	<b>STA</b> 08:20Z/03:20L	<b>ETA</b> 07:39Z	ACT ONBL ....	<b>EST LDG</b> 07:29Z	ACT LDG ....
	<b>SKD</b> 10:45	<b>PLN</b> 10:04	TTL BLCK ....	<b>EST FLT</b> 09:39	TTL FLT ....

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (SBBR)	50 NM BEFORE PUKPU	S11 37.1 W053 19.4	EET 01:49
ETOPS EXIT (SBBR)	26 NM BEFORE NEMEL	S07 48.0 W055 14.4	EET 02:19

**TCC321B SBGR-CYYZ (03-Nov-2024) #1**

ETOPS ENTRY (MDPP) 114 NM BEFORE KASAR N26 28.6 W071 24.4 EET 07:00  
 ETOPS EXIT (MDPP) 40 NM BEFORE GALVN N29 30.7 W072 15.6 EET 07:23

**ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD**

SBBR (00:33-01:52)  
 MDPP (05:41-06:49)

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**ONE ENGINE OUT CRP 1 FOR SBBR** S07 48.5 W055 14.2 EET 02:19  
 1E084/320 DESC TO FL247 CRUISE AT 1E0320 27 NM BEFORE NEMEL  
 PLN FUEL OVER CRP 61546 CRP FUEL REQ 15223 DIV TIME 01:25  
 CRP TO SBBR (S15 52.3 W047 55.1) DIST 648 NM WC 0 TT 139  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

**ONE ENGINE OUT DECOMP CRP 1 FOR SBBR** S07 48.5 W055 14.2 EET 02:19  
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 27 NM BEFORE NEMEL  
 PLN FUEL OVER CRP 61546 CRP FUEL REQ 15281 DIV TIME 01:42  
 CRP TO SBBR (S15 52.3 W047 55.1) DIST 648 NM WC TL003 TT 139  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

**ALL ENGINE DECOMP CRP 1 FOR SBBR** S07 48.5 W055 14.2 EET 02:19  
 84/320/250 DESC TO FL100 CRUISE AT AE320 27 NM BEFORE NEMEL  
 PLN FUEL OVER CRP 61546 CRP FUEL REQ 14584 DIV TIME 01:42  
 CRP TO SBBR (S15 52.3 W047 55.1) DIST 648 NM WC TL003 TT 139  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

**ONE ENGINE OUT CRP 2 FOR MDPP** N29 30.2 W072 15.4 EET 07:23  
 1E084/320 DESC TO FL293 CRUISE AT 1E0320 41 NM BEFORE GALVN  
 PLN FUEL OVER CRP 26582 CRP FUEL REQ 13023 DIV TIME 01:13  
 CRP TO MDPP (N19 45.5 W070 34.2) DIST 593 NM WC TL012 TT 171

**ONE ENGINE OUT DECOMP CRP 2 FOR MDPP** N29 30.2 W072 15.4 EET 07:23  
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 41 NM BEFORE GALVN  
 PLN FUEL OVER CRP 26582 CRP FUEL REQ 13703 DIV TIME 01:35  
 CRP TO MDPP (N19 45.5 W070 34.2) DIST 593 NM WC HD003 TT 171

**ALL ENGINE DECOMP CRP 2 FOR MDPP** N29 30.2 W072 15.4 EET 07:23  
 84/320/250 DESC TO FL100 CRUISE AT AE320 41 NM BEFORE GALVN  
 PLN FUEL OVER CRP 26582 CRP FUEL REQ 13074 DIV TIME 01:35  
 CRP TO MDPP (N19 45.5 W070 34.2) DIST 593 NM WC HD003 TT 171

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**ATC ROUTE:** N0500F340 ZORZ2A GERTU UM423 MOPIM UL795 UTPOM UM423 PUKPU/N0494F360  
 UM423 ETALA DCT ARMUR/M085F370 Y439 MEEGL Y356 DONQU/M085F360 Y356  
 CERDA Y439 SLUKA/M085F370 L452 KASAR/M085F360 L452 OXANA AR8 OHPEA  
 DCT ORF DCT OTT DCT JERES DCT PSB DCT WOZEE LINNG3

**ALTERNATE PLANNING**

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ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
KBUF/05	69	10000	050	TL001	00:17	1986	-	BULGE

MOST CRITICAL MORA 17200 FT AT MEEGL  
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**TCC321B SBGR-CYYZ (03-Nov-2024) #1**

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA ISA	FREQ WND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
-SBBS	<b>SBGR/10L</b> GUARULHOS-GOV		2461	072				82.1 / 1.0			
		ANDRE					4587	S2326.1 W04629.0	...../.....		
ZORZ2A	<b>AMVUL</b>	095	*CLB	072			7	80.7 / 2.3	03	00.03	
			P11	011/011			4580	S2324.0 W04621.7	...../.....		
ZORZ2A	<b>GR027</b>	132	*CLB	072			7	80.3 / 2.7	01	00.04	
			P12	345/009			4573	S2326.3 W04614.7	...../.....		
ZORZ2A	<b>GR209</b>	213	*CLB	072			7	79.9 / 3.1	01	00.05	
			P13	316/008			4565	S2333.5 W04616.1	...../.....		
ZORZ2A	<b>GR212</b>	280	*CLB	072			14	79.3 / 3.8	03	00.08	
			P16	273/013			4551	S2336.5 W04631.2	...../.....		
ZORZ2A	<b>CGO</b>	283	*CLB	072	<b>116.90</b>		8	79.0 / 4.1	01	00.09	
-SBCW	CONGONHAS	SAO	PAULO	P16	273/017		4544	S2337.7 W04639.3	...../.....		
ZORZ2A	<b>ZORZA</b>	260	*CLB	072			9	78.6 / 4.4	01	00.10	
-SBBS			P16	274/020			4535	S2342.5 W04647.6	...../.....		
ZORZ2A	<b>*BDRY</b>	353	*CLB	072			15	78.1 / 4.9	02	00.12	
			P15	269/021			4519	S2329.0 W04655.8	...../.....		
ZORZ2A	<b>GR103</b>	353	*CLB	072			5	78.0 / 5.1	01	00.13	
			P14	268/022			4514	S2324.3 W04658.6	...../.....		
ZORZ2A	<b>GR104</b>	353	*CLB	072			9	77.7 / 5.4	01	00.14	
			P14	266/022			4505	S2316.4 W04703.5	...../.....		
ZORZ2A	<b>GERTU</b>	353	FL340	054		500	58	76.5 / 6.5	07	00.21	
			P11	266/024		490	4447	S2225.8 W04733.8	...../.....		
UM423	<b>MIMOP</b>	354	FL340	052		501	47	75.8 / 7.3	06	00.27	
			P12	275/026		487	4400	S2144.7 W04757.3	...../.....		
UM423	<b>ETEGO</b>	354	FL340	052		501	48	75.0 / 8.0	05	00.32	
			P12	264/023		488	4352	S2102.4 W04821.3	...../.....		
UM423	<b>MEVIK</b>	354	FL340	040		501	52	74.2 / 8.8	07	00.39	
			P12	267/022		491	4301	S2016.7 W04846.9	...../.....		
	<b>SBBR</b>	354	FL340	045			23	73.8 / 9.2	03	00.42	
			P11	264/027			4277	S1956.0 W04858.4	...../.....		
UM423	<b>KOVAX</b>	354	FL340	045		501	75	72.7 / 10.4	09	00.51	
			P12	265/016		492	4202	S1849.4 W04935.0	...../.....		
UM423	<b>EGONI</b>	354	FL340	044		501	56	71.8 / 11.2	07	00.58	
			P12	251/013		498	4147	S1800.1 W05001.8	...../.....		
UM423	<b>MOPIM</b>	355	FL340	044		501	15	71.6 / 11.5	01	00.59	
			P12	254/012		499	4132	S1747.0 W05008.5	...../.....		
UL795	<b>NEBAL</b>	354	FL340	044		501	23	71.2 / 11.8	03	01.02	

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				P12 257/009	498 4109	S1726.5	W05019.7	...../.....
UL795	GIBKO	354	FL340	044	501 23	70.9 / 12.2	03 01.05	
				P12 256/007	498 4086	S1705.8	W05030.7	...../.....
UL795	OPVEL	354	FL340	049	501 136	68.8 / 14.3	16 01.21	
				P12 252/010	499 3950	S1504.7	W05134.4	...../.....
UL795	DODPA	355	FL340	035	502 81	67.6 / 15.5	10 01.31	
				P13 326/003	497 3869	S1352.0	W05211.2	...../.....
UL795	UMLOV	355	FL340	030	502 13	67.4 / 15.7	02 01.33	
				P13 304/002	498 3855	S1340.0	W05217.0	...../.....
UL795	UMPEG	354	FL340	030	502 26	67.0 / 16.1	03 01.36	
				P13 240/001	502 3829	S1316.8	W05228.9	...../.....
UL795	UTPOM	354	FL340	030	502 72	65.9 / 17.2	08 01.44	
-SBAZ				P13 129/006	506 3757	S1212.0	W05301.7	...../.....

----- ETOPS ENTRY (SBBR) 0050 NM BEFORE PUKPU EET 01:49 -----

UM423	PUKPU	354	*CLB	029	89	64.6 / 18.5	11 01.55	
				P13 123/006	3668	S1052.5	W05341.7	...../.....
UM423	*TOC	354	FL360	029	494 11	64.3 / 18.7	01 01.56	
				P11 143/011	505 3657	S1043.0	W05346.4	...../.....
UM423	EDLUG	354	FL360	031	494 43	63.7 / 19.3	05 02.01	
				P11 144/015	507 3615	S1004.9	W05405.4	...../.....
UM423	MUKSA	354	FL360	037	494 7	63.6 / 19.4	01 02.02	
				P11 145/015	509 3608	S0958.2	W05408.7	...../.....
UM423	LOLIR	353	FL360	037	494 54	62.9 / 20.2	06 02.08	
				P11 154/013	508 3554	S0910.2	W05433.0	...../.....
	*CFP 1	353	FL360	039	494 91	61.5 / 21.5	11 02.19	
	SBBR			P11 144/015	509 3462	S0748.5	W05514.2	...../.....

----- ETOPS EXIT (SBEG) 0026 NM BEFORE NEMEL EET 02:19 -----

UM423	NEMEL	353	FL360	031	494 27	61.2 / 21.9	03 02.22	
				P11 141/015	509 3435	S0724.4	W05526.2	...../.....
UM423	ITATU	353	FL360	031	494 193	58.4 / 24.6	23 02.45	
				P10 130/013	506 3242	S0431.4	W05652.2	...../.....
UM423	UTNIB	352	FL360	026	494 60	57.6 / 25.5	07 02.52	
				P11 134/013	506 3182	S0337.7	W05718.8	...../.....
UM423	GEKUB	352	FL360	018	494 33	57.1 / 26.0	04 02.56	
				P11 135/014	507 3149	S0308.0	W05733.4	...../.....
UM423	MOPLI	352	FL360	020	494 25	56.8 / 26.3	03 02.59	
				P11 135/014	507 3124	S0246.1	W05744.2	...../.....
UM423	IBDIL	352	FL360	031	495 165	54.5 / 28.6	20 03.19	

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				P11 129/013	507	2960	S0018.4	W05856.8	...../.....
	<b>SBBV</b>	351	FL360	031		19	54.2 /	28.9	02 03.21
				P11 165/008		2940	S0001.1	W05905.3	...../.....
UM423	<b>KARAZ</b>	351	FL360	036	495	41	53.6 /	29.4	05 03.26
				P11 134/012	507	2900	N0035.3	W05923.1	...../.....
UM423	<b>ISTOK</b>	351	FL360	047	495	37	53.1 /	29.9	04 03.30
				P11 137/012	507	2863	N0108.3	W05939.3	...../.....
UM423	<b>MOPKO</b>	350	FL360	049	495	126	51.4 /	31.7	15 03.45
				P11 133/005	500	2737	N0301.0	W06034.7	...../.....
UM423	<b>KAMOX</b>	350	FL360	040	495	21	51.1 /	32.0	03 03.48
				P11 117/005	500	2717	N0319.4	W06043.8	...../.....
UM423	<b>ILTAL</b>	350	FL360	040	495	27	50.7 /	32.4	03 03.51
				P11 099/005	498	2690	N0343.4	W06055.6	...../.....
UM423	<b>PAKON</b>	350	FL360	072	495	51	50.0 /	33.1	06 03.57
-SVZM				P11 080/007	497	2639	N0428.9	W06118.1	...../.....
UM423	<b>ANBAG</b>	355	FL360	152	496	158	47.8 /	35.3	19 04.16
				P11 017/012	486	2481	N0656.1	W06214.0	...../.....
UM423	<b>GNA</b>	354	FL360	081	<b>114.70</b>	496	46.5 /	36.6	11 04.27
	GUAYANA			P11 350/011	486	2394	N0817.6	W06245.2	...../.....
	<b>TBPB</b>	351	FL360	036		6	46.4 /	36.6	01 04.28
				P11 007/012		2388	N0823.2	W06247.7	...../.....
UM423	<b>ESMEN</b>	351	FL360	080	497	94	45.1 /	38.0	11 04.39
				P11 330/012	484	2294	N0948.9	W06326.9	...../.....
UM423	<b>UTNOD</b>	350	FL360	109	497	31	44.6 /	38.4	04 04.43
				P11 321/013	484	2263	N1017.0	W06339.8	...../.....
UM423	<b>MIGOS</b>	350	FL360	109	497	18	44.4 /	38.7	02 04.45
				P11 315/014	484	2245	N1033.0	W06347.2	...../.....
UM423	<b>NUXOV</b>	350	FL360	109	497	6	44.3 /	38.8	01 04.46
				P11 312/014	483	2239	N1038.6	W06349.8	...../.....
UM423	<b>MTA</b>	350	FL360	109	<b>114.10</b>	497	44.0 /	39.0	02 04.48
	MARGARITA DEL CARIBE			P11 306/016	483	2221	N1054.8	W06357.3	...../.....
UM423	<b>MASPA</b>	357	FL360	109	497	91	42.7 /	40.3	12 05.00
				P11 304/021	480	2130	N1221.5	W06424.7	...../.....
UM423	<b>OPMEB</b>	356	FL360	010	498	46	42.1 /	41.0	05 05.05
				P11 302/023	480	2085	N1305.0	W06438.9	...../.....
UM423	<b>EDNAK</b>	357	FL360	010	498	7	42.0 /	41.1	01 05.06
				P11 302/024	480	2077	N1311.8	W06441.0	...../.....
	<b>TJSJ</b>	357	FL360	010		35	41.5 /	41.6	05 05.11
				P11 328/025		2042	N1345.2	W06451.6	...../.....

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UM423 **EDMAX** 357 FL360 010 498 9 41.3 / 41.7 01 05.12  
P11 306/027 477 2033 N1354.2 W06454.5 ...../.....

UM423 **ETALA** 359 FL360 010 498 9 41.2 / 41.9 01 05.13  
P11 306/027 477 2024 N1403.2 W06456.9 ...../.....

DCT **ARMUR** 327 \*CLB 010 133 39.2 / 43.8 17 05.30  
-TJZS P11 297/027 1891 N1532.6 W06638.1 ...../.....

Y439 **MEEGL** 003 \*DES 172 180 36.6 / 46.4 23 05.53  
P08 293/036 1711 N1829.3 W06710.3 ...../.....

**MDPP** 351 FL360 172 26 36.3 / 46.8 03 05.56  
P10 298/025 1685 N1853.3 W06720.4 ...../.....

Y356 **DONQU** 351 FL360 172 497 118 34.6 / 48.4 15 06.11  
-KZMA P11 274/018 488 1567 N2042.6 W06807.5 ...../.....

Y356 **CERDA** 334 FL360 010 496 157 32.5 / 50.6 19 06.30  
P09 231/011 495 1410 N2244.7 W06954.2 ...../.....

Y439 **SLUKA** 338 \*CLB 010 100 31.1 / 51.9 12 06.42  
P09 242/019 1309 N2407.6 W07055.4 ...../.....

L452 **LNHOM** 007 \*DES 010 53 30.4 / 52.7 06 06.48  
P07 260/023 1257 N2500.0 W07100.6 ...../.....

----- ETOPS ENTRY (MDPP) 0114 NM BEFORE KASAR EET 07:00 -----

L452 **KASAR** 358 FL360 010 497 206 27.6 / 55.4 26 07.14  
P08 304/032 474 1051 N2819.3 W07155.2 ...../.....

\*CFP 2 358 FL360 010 497 73 26.6 / 56.5 09 07.23  
MDPP P07 312/037 470 978 N2930.2 W07215.4 ...../.....

----- ETOPS EXIT (KILM) 0040 NM BEFORE GALVN EET 07:23 -----

----- 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 (.....) \_\_\_\_\_

L452 **GALVN** 358 FL360 010 497 41 26.0 / 57.1 05 07.28  
-KZWY P06 314/038 464 937 N3009.5 W07226.9 ...../.....

L452 **KANUX** 357 FL360 010 496 25 25.6 / 57.4 04 07.32  
P06 314/039 463 912 N3033.6 W07234.1 ...../.....

L452 **WILYY** 357 FL360 010 495 109 24.1 / 59.0 14 07.46  
-KZNY P05 314/042 458 803 N3218.7 W07306.2 ...../.....

L452 **SWRTZ** 357 FL360 010 495 58 23.2 / 59.8 07 07.53  
-KZWY P04 313/041 459 746 N3314.5 W07323.8 ...../.....

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L452	<b>ZZTOP</b>	357	FL360	010	494	37	22.7 / 60.4	05	07.58	
			P04	312/040	459	709	N3350.1 W07335.2	...../.....		
L452	<b>OXANA</b>	357	FL360	010	494	33	22.2 / 60.8	05	08.03	
-KZNY			P04	313/039	460	676	N3421.8 W07345.6	...../.....		
AR8	<b>TOMMZ</b>	326	FL360	022	494	90	20.9 / 62.1	11	08.14	
-KZDC			P04	313/039	455	586	N3524.2 W07503.8	...../.....		
AR8	<b>OHPEA</b>	325	FL360	022	494	40	20.3 / 62.7	06	08.20	
			P03	310/038	456	546	N3551.5 W07539.1	...../.....		
DCT	<b>ORF</b>	348	FL360	024	<b>116.90</b>	494	68	19.4 / 63.7	08	08.28
	NORFOLK		P03	303/042	458	479	N3653.5 W07612.0	...../.....		
DCT	<b>OTT</b>	358	FL360	024	<b>113.70</b>	494	112	17.8 / 65.3	15	08.43
	NOTTINGHAM		P03	292/052	461	367	N3842.4 W07644.7	...../.....		
	<b>CYYZ</b>	341	FL360	048		46	17.1 / 65.9	06	08.49	
			P04	285/058		321	N3922.0 W07714.6	...../.....		
DCT	<b>JERES</b>	340	FL360	048	494	19	16.8 / 66.2	03	08.52	
			P03	288/053	452	301	N3938.6 W07727.3	...../.....		
DCT	<b>*BDRY</b>	353	FL360	048	494	9	16.7 / 66.3	01	08.53	
-KZNY			P03	288/053	455	293	N3946.7 W07730.7	...../.....		
DCT	<b>PSB</b>	353	FL360	050	<b>115.50</b>	494	72	15.7 / 67.4	09	09.02
	PHILIPSBURG		P03	284/056	461	221	N4055.0 W07759.6	...../.....		
DCT	<b>*BDRY</b>	356	FL360	055	494	6	15.6 / 67.4	01	09.03	
-KZOB			P03	283/057	462	215	N4100.5 W07801.5	...../.....		
DCT	<b>*TOD</b>	356	FL360	053	493	104	14.1 / 68.9	14	09.17	
			P02	283/068	456	111	N4240.6 W07838.5	...../.....		
DCT	<b>WOZEE</b>	355	*DES	050		16	14.1 / 69.0	02	09.19	
			P06	278/055		95	N4256.0 W07844.3	...../.....		
LINNG3	<b>ISTON</b>	320	*DES	050		19	14.1 / 69.0	02	09.21	
-CZYZ			P09	271/043		77	N4307.8 W07903.9	...../.....		
LINNG3	<b>LINNG</b>	320	*DES	031		16	14.0 / 69.1	03	09.24	
			P08	264/037		60	N4318.2 W07921.3	...../.....		
LINNG3	<b>SEDAB</b>	353	*DES	031		4	14.0 / 69.1	00	09.24	
			P07	263/036		56	N4322.0 W07922.9	...../.....		
LINNG3	<b>DEGRO</b>	353	*DES	031		10	13.9 / 69.1	02	09.26	
			P06	259/035		46	N4331.5 W07927.0	...../.....		
LINNG3	<b>SEGOD</b>	327	*DES	031		2	13.9 / 69.1	01	09.27	
			P06	258/035		44	N4333.3 W07929.4	...../.....		
LINNG3	<b>VERKO</b>	327	*DES	031		3	13.9 / 69.2	00	09.27	
			P05	256/035		40	N4335.8 W07932.6	...../.....		



**TCC321B SBGR-CYYZ (03-Nov-2024) #1**

LINNG3	DARPU	237	*DES 031 P04 246/032	11 30	13.8 / 69.2 N4328.5 W07943.3	02 09.29 ...../.....
LINNG3	DANIP	237	*DES 031 P04 240/030	3 27	13.8 / 69.2 N4326.4 W07946.3	01 09.30 ...../.....
LINNG3	MASAR	236	*DES 031 P03 233/029	3 24	13.8 / 69.3 N4324.3 W07949.3	01 09.31 ...../.....
LINNG3	LERAN	236	*DES 031 P02 226/028	3 21	13.8 / 69.3 N4322.3 W07952.3	00 09.31 ...../.....
LINNG3	CYYZ/06R LESTER B PEARSON INT	042 569	031	21	13.4 / 69.7 N4339.5 W07937.3	08 09.39 ...../.....

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## TCC321B SBGR-CYYZ (03-Nov-2024) #1

### WIND INFORMATION - OBS 03/NOV 12:00

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<b>(CLIMB)</b>			<b>MIMOP</b>			<b>KOVAX</b>			<b>GIBKO</b>		
FL310	263/022	-33	FL380	270/026	-52	FL380	249/021	-51	FL380	235/014	-51
FL250	273/022	-19	FL360	272/026	-47	FL360	256/018	-46	FL360	242/011	-46
FL180	279/017	-5	FL340	275/026	-41	FL340	265/016	-41	FL340	257/008	-40
FL120	333/009	+3	FL320	273/026	-36	FL320	271/015	-35	FL320	269/008	-35
6000	028/014	+13	FL300	271/026	-30	FL300	278/015	-30	FL300	280/009	-30
<b>OPVEL</b>			<b>UMPEG</b>			<b>EDLUG</b>			<b>NEMEL</b>		
FL380	259/010	-51	FL380	099/003	-50	FL400	145/023	-56	FL400	152/020	-56
FL360	256/010	-46	FL360	130/001	-45	FL380	146/021	-50	FL380	154/019	-51
FL340	252/010	-40	FL340	241/002	-39	FL360	144/016	-45	FL360	142/015	-46
FL320	279/006	-35	FL320	352/003	-34	FL340	139/009	-40	FL340	123/013	-40
FL300	341/005	-29	FL300	009/006	-29	FL320	103/008	-35	FL320	109/012	-35
<b>ITATU</b>			<b>MOPLI</b>			<b>IBDIL</b>			<b>MOPKO</b>		
FL400	138/015	-56	FL400	149/014	-56	FL400	158/012	-56	FL400	241/004	-56
FL380	129/015	-51	FL380	137/015	-50	FL380	140/013	-51	FL380	255/001	-50
FL360	131/013	-46	FL360	136/014	-46	FL360	129/014	-46	FL360	133/005	-45
FL340	133/012	-40	FL340	133/014	-40	FL340	119/015	-40	FL340	130/012	-40
FL320	117/012	-35	FL320	109/015	-35	FL320	106/013	-34	FL320	097/009	-35
<b>ANBAG</b>			<b>ESMEN</b>			<b>MASPA</b>			<b>ETALA</b>		
FL400	001/001	-56	FL400	295/009	-56	FL400	277/020	-55	FL400	291/026	-56
FL380	023/008	-51	FL380	317/011	-51	FL380	288/021	-50	FL380	303/027	-50
FL360	017/013	-46	FL360	331/012	-45	FL360	305/022	-45	FL360	306/028	-45
FL340	014/018	-40	FL340	343/014	-40	FL340	320/025	-40	FL340	310/029	-40
FL320	018/017	-35	FL320	351/012	-35	FL320	315/018	-35	FL320	306/022	-35
<b>DONQU</b>			<b>CERDA</b>			<b>KASAR</b>			<b>GALVN</b>		
FL400	280/032	-56	FL400	260/013	-57	FL400	306/038	-56	FL400	312/050	-57
FL380	278/032	-51	FL380	239/012	-52	FL380	307/036	-52	FL380	317/046	-54
FL360	274/018	-46	FL360	232/011	-47	FL360	304/033	-48	FL360	314/038	-50
FL340	247/004	-40	FL340	223/010	-41	FL340	301/029	-45	FL340	310/031	-46
FL320	199/001	-35	FL320	233/006	-36	FL320	295/026	-40	FL320	305/028	-41
<b>WILYY</b>			<b>OXANA</b>			<b>OHPEA</b>			<b>OTT</b>		
FL400	313/054	-59	FL400	308/048	-61	FL400	306/047	-62	FL400	297/053	-62
FL380	317/049	-56	FL380	312/043	-58	FL380	308/042	-58	FL380	298/053	-58
FL360	314/043	-52	FL360	313/039	-53	FL360	311/038	-53	FL360	293/052	-53
FL340	310/035	-46	FL340	316/036	-47	FL340	315/034	-47	FL340	287/052	-48
FL320	310/033	-41	FL320	317/035	-42	FL320	313/034	-42	FL320	288/048	-43
<b>PSB</b>			<b>(DESCENT)</b>								
FL400	287/055	-63	FL330	291/073	-48						
FL380	286/056	-59	FL260	286/055	-31						
FL360	284/056	-54	FL200	281/040	-18						
FL340	281/056	-48	13000	278/027	-7						
FL320	282/054	-43	6000	207/004	+2						
-----											

END FLIGHTPLAN 02206 TCC321B PJTGD SBGR-CYYZ 03NOV2024

## TCC321B SBGR-CYYZ (03-Nov-2024) #1

### [ATC FLIGHTPLAN]

(FPL-TCC321B-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-SBGR2135

-N0500F340 ZORZ2A GERTU UM423 MOPIM UL795 UTPOM UM423

PUKPU/N0494F360 UM423 ETALA DCT ARMUR/M085F370 Y439 MEEGL Y356

DONQU/M085F360 Y356 CERDA Y439 SLUKA/M085F370 L452

KASAR/M085F360 L452 OXANA AR8 OHPEA DCT ORF DCT OTT DCT JERES

DCT PSB DCT WOZEE LINNG3

-CYYZ0939 KBUF

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/241103 REG/PJTGD

EET/SBBS0012 SBAZ0145 SVZM0357 TJZS0530 KZMA0611 KZWY0648

KZNY0803 KZDC0814 KZNY0853 KZOB0903 CZYZ0921

SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/D

RALT/SBRR MDPP

RMK/TCAS

-E/1144)

## TCC321B SBGR-CYYZ (03-Nov-2024) #1

[PLANNING WEATHER]

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

**UTC -03:00**

SBGR 031900Z 12007KT 9999 SCT040 OVC050 22/17 Q1015  
SBGR 031545Z 0318/0424 07005KT 7000 BKN016 TN18/0409Z TX26/0418Z  
TEMPO 0318/0321 5000 RA BR BKN016  
BECMG 0321/0323 BKN011  
BECMG 0402/0404 10005KT  
BECMG 0409/0411 07005KT  
BECMG 0414/0416 BKN016  
TEMPO 0417/0420 TSRA BKN011 FEW045CB  
BECMG 0421/0423 12005KT  
RMK PGM

**DESTINATION: CYYZ/YYZ (LESTER B PEARSON INTL, CANADA)**

**UTC -05:00**

CYYZ 031900Z 09009KT 15SM BKN160 BKN240 09/01 A3041 RMK AC5CI2 SLP306  
CYYZ 031740Z 0318/0424 14008KT P6SM FEW025 SCT230  
FM032200 08008KT P6SM FEW120 SCT210  
FM040500 10010KT P6SM BKN160  
FM040700 12007KT P6SM BKN120  
FM041300 14008KT P6SM SCT050 BKN110  
BECMG 0414/0415 16008G18KT  
FM041600 17010G20KT P6SM BKN050 OVC110  
TEMPO 0416/0423 P6SM -SHRA  
FM042300 20012KT P6SM -SHRA OVC040  
RMK NXT FCST BY 032100Z

**ALTERNATE: KBUF/BUF (BUFFALO NIAGARA INTL, UNITED STATES)**

**UTC -05:00**

KBUF 031854Z 08009KT 10SM SCT120 SCT180 BKN250 13/M01 A3041 RMK A02 SLP302  
T01331011  
KBUF 031720Z 0318/0418 07008KT P6SM SCT250  
FM040300 10005KT P6SM BKN200  
FM040700 14006KT P6SM BKN150 WS020/18035KT  
FM041100 16008KT P6SM BKN100 WS020/20035KT  
FM041400 17011G20KT P6SM BKN070

**EDTO AIRPORT: MDPP/POP (GREGORIO LUPERON INTL, DOMINICAN REPUBLIC) UTC -04:00**

MDPP 031900Z 07010KT 9999 FEW018CB FEW020 30/24 Q1007 CB/W  
MDPP 031600Z 0318/0418 09010KT 9999 FEW022 SCT300  
PROB30 0318/0400 7000 -TSRA FEW016CB SCT018 BKN070

**TCC321B SBGR-CYYZ (03-Nov-2024) #1****EDTO AIRPORT: SBBR/BSB (PRES JUSCELINO KUBITSCHEK INTL, BRAZIL) UTC -03:00**

SBBR 031900Z 06005KT 030V100 9999 SCT040 FEW050TCU SCT100 27/18 Q1013  
SBBR 031600Z 0318/0418 11005KT 9999 SCT035 FEW040TCU TN19/0409Z TX27/0417Z  
TEMPO 0318/0323 33010KT TSRA SCT035 FEW040CB  
FM032300 08004KT 9999 FEW035  
TEMPO 0400/0403 11003KT 6000 TSRA FEW010 SCT035 FEW040CB  
PROB30 0406/0409 5000 BR SCT007  
TEMPO 0415/0418 02013KT 3000 TSRA BR FEW005 BKN010 FEW030CB  
RMK PGQ

**ADEQUATE: SBEG/MAO (EDUARDO GOMES INTL, BRAZIL) UTC -04:00**

SBEG 031900Z 03003KT 8000 FEW030 35/22 Q1005  
SBEG 031620Z 0318/0418 13010KT 7000 SCT025 FEW035TCU TX35/0318Z TN26/0409Z  
TEMPO 0318/0322 4000 TSRA BKN025 FEW035CB  
BECMG 0322/0324 10005KT CAVOK  
BECMG 0403/0405 35003KT  
BECMG 0411/0412 08007KT SCT030  
BECMG 0415/0418 SCT020 FEW030TCU  
RMK PHN

**ADEQUATE: SBBV/BVB (ATLAS BRAZIL CANTANHEDE INTL, BRAZIL) UTC -04:00**

SBBV 031900Z 09007KT 9999 SCT040 FEW045TCU 35/20 Q1005  
SBBV 031620Z 0318/0418 10010KT 9999 SCT040 FEW045TCU TX35/0318Z TN26/0409Z  
BECMG 0322/0324 CAVOK  
BECMG 0416/0418 SCT040 FEW045TCU  
RMK PHN

**ADEQUATE: TBPB/BGI (GRANTLEY ADAMS INTL, BARBADOS) UTC -04:00**

TBPB 031900Z 15011KT 9999 SCT022 32/25 Q1008 NOSIG  
TBPB 031700Z 0318/0418 12015KT 9999 SCT018  
PROB30 TEMPO 0322/0404 SHRA BKN015

**ADEQUATE: TJSJ/SJU (LUIS MUNOZ MARIN INTL, PUERTO RICO) UTC -04:00**

TJSJ 031856Z 14006G16KT 10SM TS SCT030CB BKN090 32/23 A2978 RMK A02 TSB12  
SLP083 OCNL LTGICCG W-NW TS W-NW MOV NW VCSH W-NW T03170228 \$  
TJSJ 031747Z 0318/0418 13008KT P6SM -SHRA VCTS SCT025CB BKN050 BKN080  
TEMPO 0319/0323 VRB12G19KT 3SM TSRA BKN025CB OVC050  
FM032300 17005KT P6SM VCSH SCT030 SCT050 BKN100  
PROB30 0323/0402 4SM SHRA BKN025 BKN040  
FM040300 12003KT P6SM FEW030 SCT060 BKN120  
TEMPO 0406/0410 VRB12G19KT 4SM SHRA BKN025 BKN040  
FM041400 08010KT P6SM SCT028 SCT050 SCT120

**TCC321B SBGR-CYYZ (03-Nov-2024) #1**

ADEQUATE: KILM/ILM (WILMINGTON INTL, UNITED STATES)

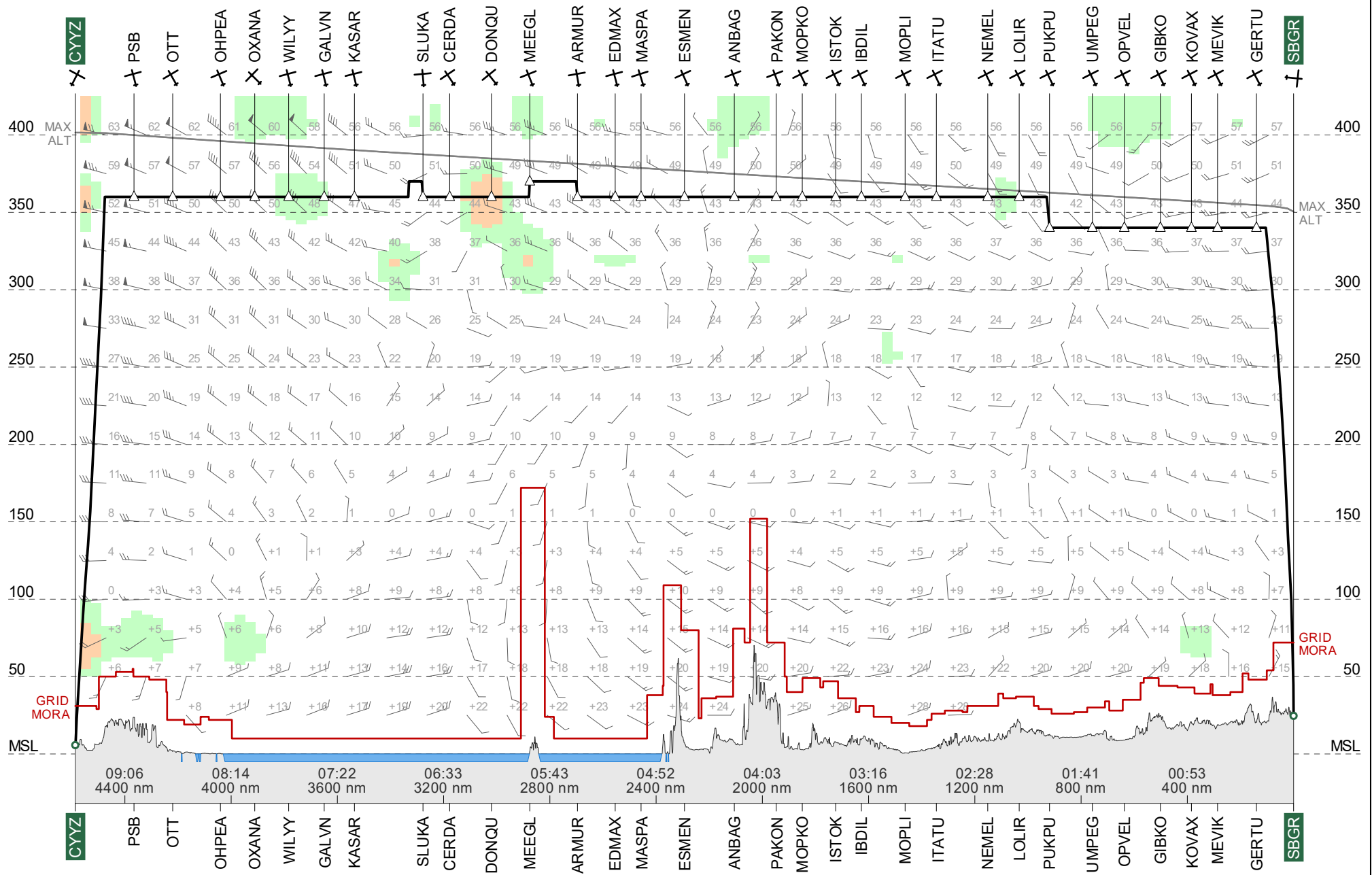
UTC -05:00

KILM 031853Z 04011KT 10SM SCT110 22/11 A3027 RMK A02 SLP251 T02170106  
KILM 031720Z 0318/0418 04009KT P6SM BKN100

# TR321B #1

## CYYZ ← SBGR

ETD 03 Nov 21:35z  
PJTGD B77L



Route Chart

**ETOPS 120**

**TR321B #1  
SBGR-CYYZ**

03 Nov 2024  
PJTGD B77L

Lambert Conical Projection  
Standard Parallels: 01N and 21S





# Wind Chart

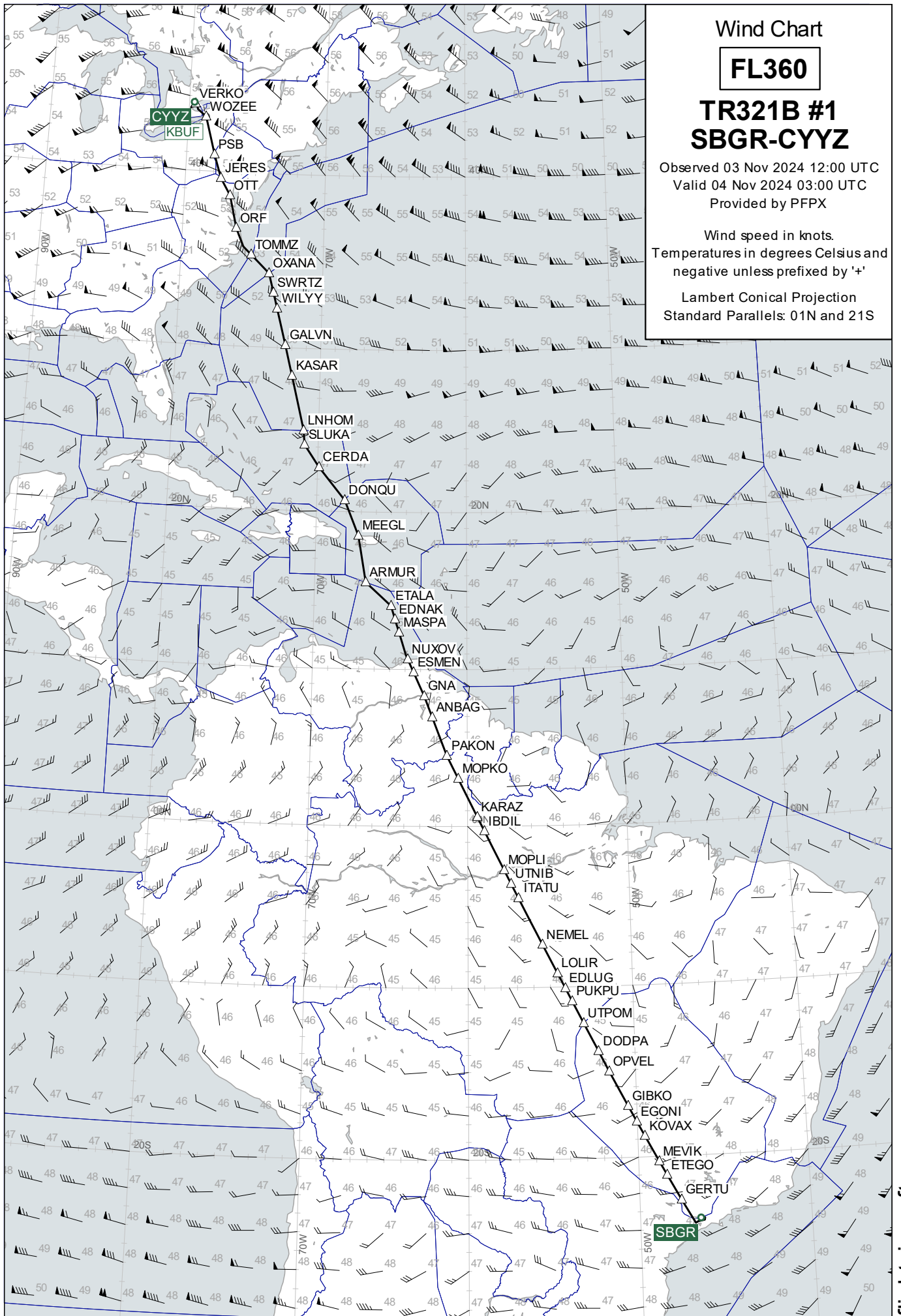
## FL360

### TR321B #1 SBGR-CYYZ

Observed 03 Nov 2024 12:00 UTC  
Valid 04 Nov 2024 03:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 01N and 21S



# Wind Chart

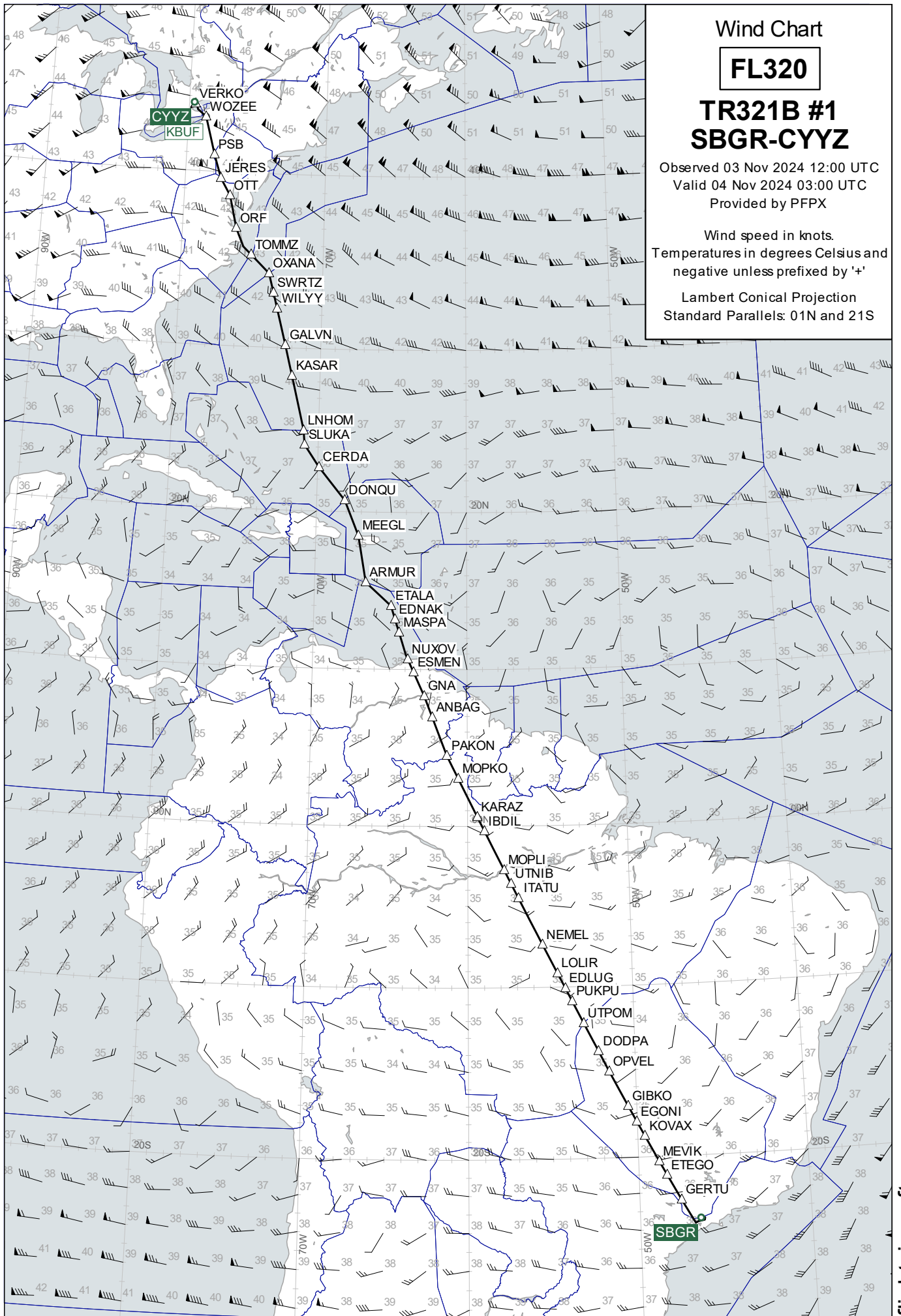
## FL320

### TR321B #1 SBGR-CYYZ

Observed 03 Nov 2024 12:00 UTC  
Valid 04 Nov 2024 03:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 01N and 21S



# Wind Chart

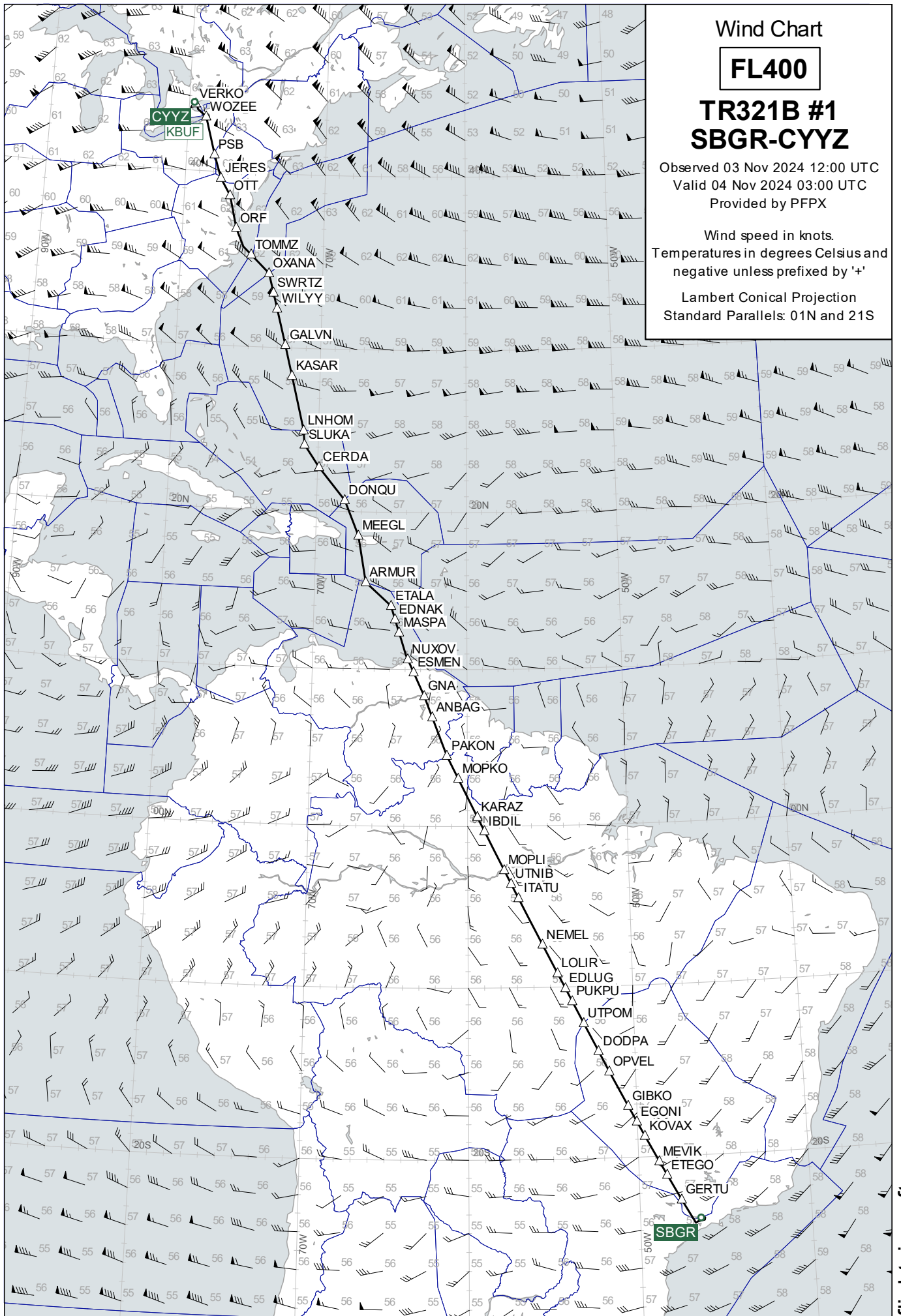
## FL400

### TR321B #1 SBGR-CYYZ

Observed 03 Nov 2024 12:00 UTC  
Valid 04 Nov 2024 03:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 01N and 21S





Destination Area

**FL150**

**TR321B #1**  
**SBGR-CYYZ**

Observed 03 Nov 2024 12:00 UTC

Valid 04 Nov 2024 07:00 UTC

Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection  
Standard Parallels: 41N and 45N

