



## **Flight Briefing Package**

**TCC321A 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 1916 UTC

**TCC321A SBGR-CYYZ (03-Nov-2024) #1**

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC321A PJTGK SBGR-CYYZ

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 03NOV/2130Z  
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OPF 1 - PREPARED 03NOV/1916Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR321A/TCC321A PJTGK/B777-3ER GE SEL/DEAR ROUTE: SBGRCYYZ01

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: FL320 TTL F/P DIST: 4587 NM  
 FUEL BIAS: 102.8% TTL AIR DIST: 4699 NM  
 AVG WIND CMP: HD012 KT

ALT: KBUF/BUF 05 ELEV 727 FT 69 NM  
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CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	168400	366	0	43188	25287 LDW	MAX 237682	351534	251290
						PLN 211588	304659	226003
						ACT .....	.....	.....

	FUEL	CORR	ENDUR	
TRIP	78656	.....	09:32	
CONT 5%	3933	.....	00:36	
ALTN KBUF	2139	.....	00:17	
FINAL RESV	3245	.....	00:30	
HOLD	2165	.....	00:20	
ADD FUEL	1309	.....	00:11	
MIN T/O	<b>91447</b>	.....	11:27	.....
EXTRA	1624	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1035	.....	00:15	
RELEASE	<b>94106</b>	.....	11:57	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	13725	.....	01:59	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145524 KG / MAX EXTRA FUEL 26911 KG LIM BY LDW  
 TRIP CORR FOR 5000 KG TOW INCR: +1169 KG / 5000 KG TOW DECR: -1093 KG  
 2000 FT LOWER: +911 KG / EET 09:24 CLB: 250/310/84 DES: 84/310/250

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 SBGR STD 21:30Z/18:30L ETD 21:30Z ACT OFBL .... EST T/O 21:45Z ACT T/O ....  
 CYYZ STA 08:15Z/03:15L ETA 07:27Z ACT ONBL .... EST LDG 07:17Z ACT LDG ....  
 SKD 10:45 PLN 09:57 TTL BLCK .... EST FLT 09:32 TTL FLT ....  
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\*\*\*\*\* 120 MIN ETOPS CRITICAL FUEL SUMMARY \*\*\*\*\*

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (SBBR)	3 NM BEFORE UTPOM	S12 14.5 W053 00.5	EET 01:44
ETOPS EXIT (SBBR)	179 NM BEFORE ITATU	S07 11.8 W055 32.5	EET 02:23
ETOPS ENTRY (MDPP)	153 NM BEFORE KASAR	N25 51.0 W071 14.3	EET 06:48
ETOPS EXIT (MDPP)	21 NM BEFORE KANUX	N30 13.6 W072 28.1	EET 07:22

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

SBBR (00:27-01:58)  
 MDPP (05:29-06:50)  
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ONE ENGINE OUT CRP 1 FOR SBBR S07 12.3 W055 32.3 EET 02:23

**TCC321A SBGR-CYYZ (03-Nov-2024) #1**

1E084/310 DESC TO FL112 CRUISE AT 1E0320 180 NM BEFORE ITATU  
 PLN FUEL OVER CRP 68794 CRP FUEL REQ 17752 DIV TIME 01:48  
 CRP TO SBBR (S15 52.3 W047 55.1) DIST 687 NM WC TL002 TT 140  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

**ONE ENGINE OUT DECOMP CRP 1 FOR SBBR** S07 12.3 W055 32.3 EET 02:23  
 84/310/250 DESC TO FL100 CRUISE AT 1E0320 180 NM BEFORE ITATU  
 PLN FUEL OVER CRP 68794 CRP FUEL REQ 17766 DIV TIME 01:49  
 CRP TO SBBR (S15 52.3 W047 55.1) DIST 687 NM WC TL003 TT 140  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

**ALL ENGINE DECOMP CRP 1 FOR SBBR** S07 12.3 W055 32.3 EET 02:23  
 84/310/250 DESC TO FL100 CRUISE AT AE320 180 NM BEFORE ITATU  
 PLN FUEL OVER CRP 68794 CRP FUEL REQ 16814 DIV TIME 01:49  
 CRP TO SBBR (S15 52.3 W047 55.1) DIST 687 NM WC TL003 TT 140  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

**ONE ENGINE OUT CRP 2 FOR MDPP** N30 13.2 W072 28.0 EET 07:22  
 1E084/310 DESC TO FL150 CRUISE AT 1E0320 21 NM BEFORE KANUX  
 PLN FUEL OVER CRP 28224 CRP FUEL REQ 15232 DIV TIME 01:35  
 CRP TO MDPP (N19 45.5 W070 34.2) DIST 637 NM WC TL001 TT 170

**ONE ENGINE OUT DECOMP CRP 2 FOR MDPP** N30 13.2 W072 28.0 EET 07:22  
 84/310/250 DESC TO FL100 CRUISE AT 1E0320 21 NM BEFORE KANUX  
 PLN FUEL OVER CRP 28224 CRP FUEL REQ 15546 DIV TIME 01:42  
 CRP TO MDPP (N19 45.5 W070 34.2) DIST 637 NM WC HD003 TT 170

**ALL ENGINE DECOMP CRP 2 FOR MDPP** N30 13.2 W072 28.0 EET 07:22  
 84/310/250 DESC TO FL100 CRUISE AT AE320 21 NM BEFORE KANUX  
 PLN FUEL OVER CRP 28224 CRP FUEL REQ 14762 DIV TIME 01:42  
 CRP TO MDPP (N19 45.5 W070 34.2) DIST 637 NM WC HD003 TT 170

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**ATC ROUTE:** N0509F320 ZORZ2A GERTU UM423 MOPIM UL795 UTPOM UM423 IBDIL/N0505F340  
 UM423 ETALA DCT ARMUR/M085F350 Y439 MEEGL Y356 DONQU/M085F340 Y356  
 CERDA Y439 SLUKA/M085F350 L452 LNHOM/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 2139 - BULGE

MOST CRITICAL MORA 17200 FT AT MEEGL

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WND/SPD	FREQ GS	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
-SBBS	SBGR/10L		2461	072				93.1 / 1.0			
	GUARULHOS-GOV	ANDRE				4587		S2326.1 W04629.0	...../.....		
ZORZ2A	AMVUL	095	*CLB	072		7		91.6 / 2.5	03 00.03		
				P10	017/011	4580		S2324.0 W04621.7	...../.....		
ZORZ2A	GR027	132	*CLB	072		7		91.2 / 2.9	02 00.05		

**TCC321A SBGR-CYYZ (03-Nov-2024) #1**

				P12 352/010	4573	S2326.3	W04614.7	...../.....
ZORZ2A	<b>GR209</b>	213	*CLB 072		7	90.8 /	3.3	01 00.06
			P12 331/008	4565	S2333.5	W04616.1	...../.....	
ZORZ2A	<b>GR212</b>	280	*CLB 072		14	90.1 /	4.0	02 00.08
			P15 281/011	4551	S2336.5	W04631.2	...../.....	
ZORZ2A	<b>CGO</b>	283	*CLB 072	<b>116.90</b>	8	89.7 /	4.4	01 00.09
-SBCW	CONGONHAS	SAO PAULO	P16 273/014	4544	S2337.7	W04639.3	...../.....	
ZORZ2A	<b>ZORZA</b>	260	*CLB 072		9	89.4 /	4.7	01 00.10
-SBBS			P16 273/017	4535	S2342.5	W04647.6	...../.....	
ZORZ2A	<b>*BDRY</b>	353	*CLB 072		15	88.8 /	5.3	03 00.13
			P16 274/021	4519	S2329.0	W04655.8	...../.....	
ZORZ2A	<b>GR103</b>	353	*CLB 072		5	88.6 /	5.5	00 00.13
			P15 272/022	4514	S2324.3	W04658.6	...../.....	
ZORZ2A	<b>GR104</b>	353	*CLB 072		9	88.3 /	5.8	01 00.14
			P15 270/022	4505	S2316.4	W04703.5	...../.....	
ZORZ2A	<b>GERTU</b>	353	FL320 054	509 58	86.9 /	7.2	08 00.22	
			P13 268/024	499 4447	S2225.8	W04733.8	...../.....	
UM423	<b>MIMOP</b>	354	FL320 052	509 47	86.0 /	8.1	05 00.27	
			P13 273/025	496 4400	S2144.7	W04757.3	...../.....	
UM423	<b>ETEGO</b>	354	FL320 052	509 48	85.1 /	9.0	06 00.33	
			P13 271/024	496 4352	S2102.4	W04821.3	...../.....	
UM423	<b>MEVIK</b>	354	FL320 040	509 52	84.2 /	9.9	06 00.39	
			P13 274/021	497 4301	S2016.7	W04846.9	...../.....	
	<b>SBBR</b>	354	FL320 045	24	83.7 /	10.4	03 00.42	
			P13 264/026	4277	S1955.6	W04858.6	...../.....	
UM423	<b>KOVAX</b>	354	FL320 045	510 75	82.4 /	11.7	09 00.51	
			P13 270/015	501 4202	S1849.4	W04935.0	...../.....	
UM423	<b>EGONI</b>	354	FL320 044	510 56	81.4 /	12.7	07 00.58	
			P13 264/012	505 4147	S1800.1	W05001.8	...../.....	
UM423	<b>MOPIM</b>	355	FL320 044	509 15	81.1 /	13.0	01 00.59	
			P13 266/011	505 4132	S1747.0	W05008.5	...../.....	
UL795	<b>NEBAL</b>	354	FL320 044	510 23	80.7 /	13.4	03 01.02	
			P13 268/009	505 4109	S1726.5	W05019.7	...../.....	
UL795	<b>GIBKO</b>	354	FL320 044	510 23	80.3 /	13.8	03 01.05	
			P13 268/008	506 4086	S1705.8	W05030.7	...../.....	
UL795	<b>OPVEL</b>	354	FL320 049	510 136	77.9 /	16.2	16 01.21	
			P14 278/005	507 3950	S1504.7	W05134.4	...../.....	
UL795	<b>DODPA</b>	355	FL320 035	511 81	76.4 /	17.7	10 01.31	
			P14 346/005	505 3869	S1352.0	W05211.2	...../.....	

**TCC321A SBGR-CYYZ (03-Nov-2024) #1**

UL795 UMLOV 355 FL320 030 511 13 76.2 / 17.9 01 01.32  
P14 346/003 506 3855 S1340.0 W05217.0 ...../.....

UL795 UMPEG 354 FL320 030 511 26 75.8 / 18.4 03 01.35  
P14 354/002 509 3829 S1316.8 W05228.9 ...../.....

----- ETOPS ENTRY (SBBR) 0003 NM BEFORE UTPOM EET 01:44 -----

UL795 UTPOM 354 FL320 026 511 72 74.5 / 19.6 09 01.44  
-SBAZ P14 082/004 512 3757 S1212.0 W05301.7 ...../.....

UM423 PUKPU 354 FL320 029 511 89 73.0 / 21.1 10 01.54  
P14 083/004 513 3668 S1052.5 W05341.7 ...../.....

UM423 EDLUG 354 FL320 031 511 53 72.1 / 22.0 06 02.00  
P13 102/007 515 3615 S1004.9 W05405.4 ...../.....

UM423 MUKSA 354 FL320 037 511 7 71.9 / 22.2 01 02.01  
P13 105/007 515 3608 S0958.2 W05408.7 ...../.....

UM423 LOLIR 353 FL320 037 511 54 71.0 / 23.1 07 02.08  
P13 105/007 516 3554 S0910.2 W05433.0 ...../.....

UM423 NEMEL 353 FL320 039 510 118 69.0 / 25.1 13 02.21  
P13 108/012 519 3435 S0724.4 W05526.2 ...../.....

\*CFP 1 353 FL320 031 510 14 68.8 / 25.3 02 02.23  
SBBR P13 110/012 519 3422 S0712.3 W05532.3 ...../.....

----- ETOPS EXIT (SBEG) 0179 NM BEFORE ITATU EET 02:23 -----

UM423 ITATU 353 FL320 031 511 180 65.8 / 28.3 21 02.44  
P14 117/011 520 3242 S0431.4 W05652.2 ...../.....

UM423 UTNIB 352 FL320 026 511 60 64.8 / 29.3 07 02.51  
P14 114/012 520 3182 S0337.7 W05718.8 ...../.....

UM423 GEKUB 352 FL320 018 511 33 64.3 / 29.9 03 02.54  
P14 109/013 520 3149 S0308.0 W05733.4 ...../.....

UM423 MOPLI 352 FL320 020 511 25 63.8 / 30.3 03 02.57  
P14 108/014 520 3124 S0246.1 W05744.2 ...../.....

UM423 IBDIL 352 \*CLB 031 165 61.1 / 33.0 19 03.16  
P14 106/013 2960 S0018.4 W05856.8 ...../.....

UM423 \*TOC 351 FL340 031 505 12 60.8 / 33.3 01 03.17  
P12 121/015 517 2948 S0008.1 W05901.8 ...../.....

SBBV 351 FL340 027 9 60.7 / 33.4 01 03.18  
P12 128/009 2939 S0000.2 W05905.7 ...../.....

UM423 KARAZ 351 FL340 036 505 40 60.1 / 34.0 05 03.23  
P13 132/014 518 2900 N0035.3 W05923.1 ...../.....

UM423 ISTOK 351 FL340 047 505 37 59.5 / 34.6 04 03.27  
P13 131/013 518 2863 N0108.3 W05939.3 ...../.....

### TCC321A SBGR-CYYZ (03-Nov-2024) #1

UM423	<b>MOPKO</b>	350	FL340	049	504	126	57.4 / 36.7	15	03.42
				P12	130/011	515 2737	N0301.0 W06034.7	...../.....	
UM423	<b>KAMOX</b>	350	FL340	040	504	21	57.1 / 37.0	02	03.44
				P12	132/011	515 2717	N0319.4 W06043.8	...../.....	
UM423	<b>ILTAL</b>	350	FL340	040	504	27	56.7 / 37.4	04	03.48
				P12	134/010	514 2690	N0343.4 W06055.6	...../.....	
UM423	<b>PAKON</b>	350	FL340	072	504	51	55.8 / 38.3	06	03.54
-SVZM				P12	123/010	513 2639	N0428.9 W06118.1	...../.....	
UM423	<b>ANBAG</b>	355	FL340	152	505	158	53.3 / 40.8	18	04.12
				P13	013/017	492 2481	N0656.1 W06214.0	...../.....	
UM423	<b>GNA</b>	354	FL340	081	<b>114.70</b>	505	51.8 / 42.3	11	04.23
	GUAYANA			P12	346/016	488 2394	N0817.6 W06245.2	...../.....	
	<b>TBPB</b>	351	FL340	036		8	51.7 / 42.4	01	04.24
				P13	002/015	2386	N0824.6 W06248.4	...../.....	
UM423	<b>ESMEN</b>	351	FL340	080	505	93	50.1 / 44.0	11	04.35
				P12	342/014	491 2294	N0948.9 W06326.9	...../.....	
UM423	<b>UTNOD</b>	350	FL340	109	506	31	49.6 / 44.5	04	04.39
				P12	337/014	491 2263	N1017.0 W06339.8	...../.....	
UM423	<b>MIGOS</b>	350	FL340	109	506	18	49.3 / 44.8	02	04.41
				P12	329/015	491 2245	N1033.0 W06347.2	...../.....	
UM423	<b>NUXOV</b>	350	FL340	109	506	6	49.2 / 44.9	01	04.42
				P12	326/015	490 2239	N1038.6 W06349.8	...../.....	
UM423	<b>MTA</b>	350	FL340	109	<b>114.10</b>	506	48.9 / 45.2	02	04.44
	MARGARITA DEL CARIBE			P12	319/017	490 2221	N1054.8 W06357.3	...../.....	
UM423	<b>MASPA</b>	357	FL340	109	506	91	47.4 / 46.7	11	04.55
				P12	319/024	483 2130	N1221.5 W06424.7	...../.....	
UM423	<b>OPMEB</b>	356	FL340	010	506	46	46.7 / 47.4	06	05.01
				P12	313/025	483 2085	N1305.0 W06438.9	...../.....	
UM423	<b>EDNAK</b>	357	FL340	010	506	7	46.5 / 47.6	01	05.02
				P12	313/026	483 2077	N1311.8 W06441.0	...../.....	
	<b>TJSJ</b>	357	FL340	010		33	46.0 / 48.1	04	05.06
				P12	333/027	2044	N1343.8 W06451.1	...../.....	
UM423	<b>EDMAX</b>	357	FL340	010	506	11	45.8 / 48.3	01	05.07
				P12	310/028	483 2033	N1354.2 W06454.5	...../.....	
UM423	<b>ETALA</b>	359	FL340	010	506	9	45.7 / 48.5	02	05.09
				P12	309/028	483 2024	N1403.2 W06456.9	...../.....	
DCT	<b>ARMUR</b>	327	*CLB	010		133	43.4 / 50.7	16	05.25
-TJZS				P13	297/028	1891	N1532.6 W06638.1	...../.....	

**TCC321A SBGR-CYYZ (03-Nov-2024) #1**

Y439 MEEGL 003 \*DES 172 180 40.4 / 53.7 22 05.47  
P12 295/032 1711 N1829.3 W06710.3 ...../.....

MDPP 351 FL340 172 16 40.2 / 53.9 03 05.50  
P12 289/028 1695 N1844.4 W06716.7 ...../.....

Y356 DONQU 351 FL340 172 505 128 38.2 / 55.9 15 06.05  
-KZMA P12 245/004 505 1567 N2042.6 W06807.5 ...../.....

Y356 CERDA 334 FL340 010 505 157 35.7 / 58.4 19 06.24  
P11 222/010 506 1410 N2244.7 W06954.2 ...../.....

Y439 SLUKA 338 \*CLB 010 100 34.2 / 59.9 12 06.36  
P11 233/020 1309 N2407.6 W07055.4 ...../.....

L452 LNHOM 007 \*CLB 010 53 33.4 / 60.7 06 06.42  
P10 258/026 1257 N2500.0 W07100.6 ...../.....

----- ETOPS ENTRY (MDPP) 0153 NM BEFORE KASAR EET 06:48 -----

L452 KASAR 358 FL360 010 497 206 30.1 / 64.0 25 07.07  
P08 303/032 473 1051 N2819.3 W07155.2 ...../.....

----- 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 010 496 114 28.3 / 65.8 15 07.22  
-KZWY P06 313/038 464 937 N3009.5 W07226.9 ...../.....

\*CFP 2 357 FL360 010 496 4 28.2 / 65.9 00 07.22  
MDPP P06 313/038 464 933 N3013.2 W07228.0 ...../.....

----- ETOPS EXIT (KILM) 0021 NM BEFORE KANUX EET 07:22 -----

L452 KANUX 357 FL360 010 496 21 27.9 / 66.2 03 07.25  
-KZWY P06 313/039 463 912 N3033.6 W07234.1 ...../.....

L452 WILYY 357 FL360 010 495 109 26.1 / 68.0 14 07.39  
-KZNY P05 313/042 458 803 N3218.7 W07306.2 ...../.....

L452 SWRTZ 357 FL360 010 494 58 25.2 / 68.9 08 07.47  
-KZWY P04 312/041 459 746 N3314.5 W07323.8 ...../.....

L452 ZZTOP 357 FL360 010 494 37 24.6 / 69.5 05 07.52  
P04 312/040 459 709 N3350.1 W07335.2 ...../.....

L452 OXANA 357 FL360 010 494 33 24.0 / 70.1 04 07.56  
-KZNY P04 313/038 460 676 N3421.8 W07345.6 ...../.....

AR8 TOMMZ 326 FL360 022 494 90 22.6 / 71.5 12 08.08  
-KZDC P04 313/038 455 586 N3524.2 W07503.8 ...../.....

**TCC321A SBGR-CYYZ (03-Nov-2024) #1**

AR8	<b>OHPEA</b>	325	FL360	022	494	40	22.0 / 72.2	05	08.13
				P03	310/037	456 546	N3551.5 W07539.1	...../.....	
DCT	<b>ORF</b> NORFOLK	348	FL360	024	<b>116.90</b>	494 68	20.9 / 73.2	09	08.22
				P03	303/042	458 479	N3653.5 W07612.0	...../.....	
DCT	<b>OTT</b> NOTTINGHAM	358	FL360	024	<b>113.70</b>	493 112	19.1 / 75.0	14	08.36
				P03	292/052	461 367	N3842.4 W07644.7	...../.....	
	<b>CYYZ</b>	341	FL360	048		46	18.4 / 75.7	07	08.43
				P04	286/058	321	N3922.0 W07714.6	...../.....	
DCT	<b>JERES</b>	340	FL360	048		493 19	18.0 / 76.1	02	08.45
				P03	288/053	451 301	N3938.6 W07727.3	...../.....	
DCT -KZNY	<b>*BDRY</b>	353	FL360	048		493 9	17.9 / 76.2	01	08.46
				P03	288/053	454 293	N3946.7 W07730.7	...../.....	
DCT	<b>PSB</b> PHILIPSBURG	353	FL360	050	<b>115.50</b>	493 72	16.8 / 77.3	10	08.56
				P03	284/056	460 221	N4055.0 W07759.6	...../.....	
DCT -KZOB	<b>*BDRY</b>	356	FL360	055		493 6	16.7 / 77.4	00	08.56
				P03	283/057	461 215	N4100.5 W07801.5	...../.....	
DCT	<b>*TOD</b>	356	FL360	053		492 96	15.2 / 78.9	13	09.09
				P02	283/067	455 119	N4233.1 W07835.6	...../.....	
DCT	<b>WOZEE</b>	355	*DES	050		24	15.1 / 79.0	03	09.12
				P07	277/052	95	N4256.0 W07844.3	...../.....	
LINNG3 -CZYZ	<b>ISTON</b>	320	*DES	050		19	15.1 / 79.0	03	09.15
				P08	270/041	77	N4307.8 W07903.9	...../.....	
LINNG3	<b>LINNG</b>	320	*DES	031		16	15.0 / 79.1	02	09.17
				P08	264/036	60	N4318.2 W07921.3	...../.....	
LINNG3	<b>SEDAB</b>	353	*DES	031		4	15.0 / 79.1	01	09.18
				P07	262/036	56	N4322.0 W07922.9	...../.....	
LINNG3	<b>DEGRO</b>	353	*DES	031		10	14.9 / 79.2	02	09.20
				P06	259/035	46	N4331.5 W07927.0	...../.....	
LINNG3	<b>SEGOD</b>	327	*DES	031		2	14.9 / 79.2	00	09.20
				P06	257/035	44	N4333.3 W07929.4	...../.....	
LINNG3	<b>VERKO</b>	327	*DES	031		3	14.9 / 79.2	01	09.21
				P05	256/034	40	N4335.8 W07932.6	...../.....	
LINNG3	<b>DARPU</b>	237	*DES	031		11	14.8 / 79.3	02	09.23
				P04	244/031	30	N4328.5 W07943.3	...../.....	
LINNG3	<b>DANIP</b>	237	*DES	031		3	14.8 / 79.3	01	09.24
				P03	237/029	27	N4326.4 W07946.3	...../.....	
LINNG3	<b>MASAR</b>	236	*DES	031		3	14.8 / 79.3	01	09.25
				P03	230/028	24	N4324.3 W07949.3	...../.....	
LINNG3	<b>LERAN</b>	236	*DES	031		3	14.8 / 79.3	00	09.25



**TCC321A SBGR-CYYZ (03-Nov-2024) #1**

	P02 222/027	21	N4322.3 W07952.3	...../.....
LINNG3	CYYZ/06R 042 569 031	21	14.4 / 79.7 07 09.32	
	LESTER B PEARSON INT		N4339.5 W07937.3	...../.....

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## TCC321A SBGR-CYYZ (03-Nov-2024) #1

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

<b>(CLIMB)</b>			<b>MIMOP</b>			<b>KOVAX</b>			<b>GIBKO</b>		
FL290	265/023	-28	FL360	272/026	-47	FL360	256/018	-46	FL360	242/011	-46
FL230	277/022	-14	FL340	275/026	-41	FL340	265/016	-41	FL340	256/008	-40
FL170	284/016	-4	FL320	273/026	-36	FL320	271/015	-35	FL320	269/008	-35
FL110	347/010	+5	FL300	271/026	-30	FL300	278/015	-30	FL300	280/009	-30
5000	030/016	+15	FL280	276/023	-26	FL280	282/015	-26	FL280	282/010	-25
<b>OPVEL</b>			<b>UMPEG</b>			<b>PUKPU</b>			<b>LOLIR</b>		
FL360	255/010	-46	FL360	134/001	-45	FL360	144/011	-45	FL360	154/014	-46
FL340	252/010	-40	FL340	237/002	-39	FL340	123/007	-40	FL340	120/009	-40
FL320	279/006	-35	FL320	354/002	-34	FL320	083/005	-35	FL320	105/008	-35
FL300	341/005	-29	FL300	010/006	-29	FL300	039/006	-29	FL300	089/008	-30
FL280	318/005	-25	FL280	349/005	-25	FL280	020/005	-25	FL280	094/006	-25
<b>NEMEL</b>			<b>ITATU</b>			<b>MOPLI</b>			<b>KARAZ</b>		
FL360	142/015	-46	FL360	131/013	-46	FL360	136/014	-46	FL380	137/012	-51
FL340	123/013	-40	FL340	133/012	-40	FL340	134/014	-40	FL360	135/013	-45
FL320	109/012	-35	FL320	118/012	-35	FL320	109/015	-35	FL340	132/014	-40
FL300	093/012	-30	FL300	102/012	-29	FL300	090/018	-29	FL320	113/011	-34
FL280	092/011	-25	FL280	110/012	-25	FL280	102/013	-24	FL300	080/009	-29
<b>MOPKO</b>			<b>ANBAG</b>			<b>ESMEN</b>			<b>MASPA</b>		
FL380	255/001	-50	FL380	023/008	-51	FL380	317/011	-51	FL380	288/021	-50
FL360	133/005	-45	FL360	017/013	-46	FL360	331/012	-45	FL360	304/022	-45
FL340	130/012	-40	FL340	014/018	-40	FL340	342/014	-40	FL340	320/025	-40
FL320	097/009	-35	FL320	018/017	-35	FL320	351/012	-35	FL320	314/018	-35
FL300	055/010	-29	FL300	024/015	-29	FL300	003/010	-29	FL300	303/012	-29
<b>ETALA</b>			<b>DONQU</b>			<b>CERDA</b>			<b>KASAR</b>		
FL380	303/027	-50	FL380	277/032	-51	FL380	238/012	-52	FL400	305/038	-56
FL360	306/028	-45	FL360	274/018	-46	FL360	231/011	-47	FL380	306/036	-52
FL340	310/029	-40	FL340	246/004	-40	FL340	222/010	-41	FL360	303/033	-48
FL320	306/023	-35	FL320	174/001	-35	FL320	232/006	-36	FL340	300/029	-45
FL300	298/016	-29	FL300	079/004	-30	FL300	268/003	-31	FL320	294/026	-40
<b>GALVN</b>			<b>WILYY</b>			<b>OXANA</b>			<b>OHPEA</b>		
FL400	312/049	-57	FL400	313/054	-59	FL400	308/048	-61	FL400	306/046	-62
FL380	316/045	-54	FL380	317/049	-56	FL380	311/042	-58	FL380	308/041	-58
FL360	313/038	-50	FL360	314/042	-52	FL360	313/039	-53	FL360	311/037	-53
FL340	309/031	-46	FL340	309/035	-46	FL340	315/035	-47	FL340	315/033	-47
FL320	304/028	-41	FL320	309/032	-41	FL320	317/035	-42	FL320	313/033	-42
<b>OTT</b>			<b>PSB</b>			<b>(DESCENT)</b>					
FL400	297/053	-62	FL400	287/055	-63	FL330	291/073	-48			
FL380	298/052	-58	FL380	287/057	-59	FL260	286/055	-31			
FL360	293/052	-53	FL360	284/057	-54	FL200	281/040	-18			
FL340	287/052	-48	FL340	281/057	-48	13000	279/027	-7			
FL320	288/048	-43	FL320	282/054	-43	6000	208/004	+2			

END FLIGHTPLAN 02205 TCC321A PJTJK SBGR-CYYZ 03NOV2024

## TCC321A SBGR-CYYZ (03-Nov-2024) #1

### [ATC FLIGHTPLAN]

(FPL-TCC321A-IS

-B77W/H-SDE1FGHIJ1M1RWXY/LB2

-SBGR2130

-N0509F320 ZORZ2A GERTU UM423 MOPIM UL795 UTPOM UM423

IBDIL/N0505F340 UM423 ETALA DCT ARMUR/M085F350 Y439 MEEGL Y356

DONQU/M085F340 Y356 CERDA Y439 SLUKA/M085F350 L452

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

DCT PSB DCT WOZEE LINNG3

-CYYZ0932 KBUF

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/241103 REG/PJTGK

EET/SBBS0013 SBAZ0144 SVZM0353 TJZS0525 KZMA0605 KZWY0642

KZNY0756 KZDC0808 KZNY0846 KZOB0856 CZYZ0915

SEL/DEAR CODE/484180 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/D

RALT/SBRR MDPP

RMK/TCAS

-E/1142)

## TCC321A 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

## TCC321A SBGR-CYYZ (03-Nov-2024) #1

**EDTO AIRPORT: SBBR/BSB (PRES JUSCELINO KUBITSCHER 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

**TCC321A SBGR-CYYZ (03-Nov-2024) #1**

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

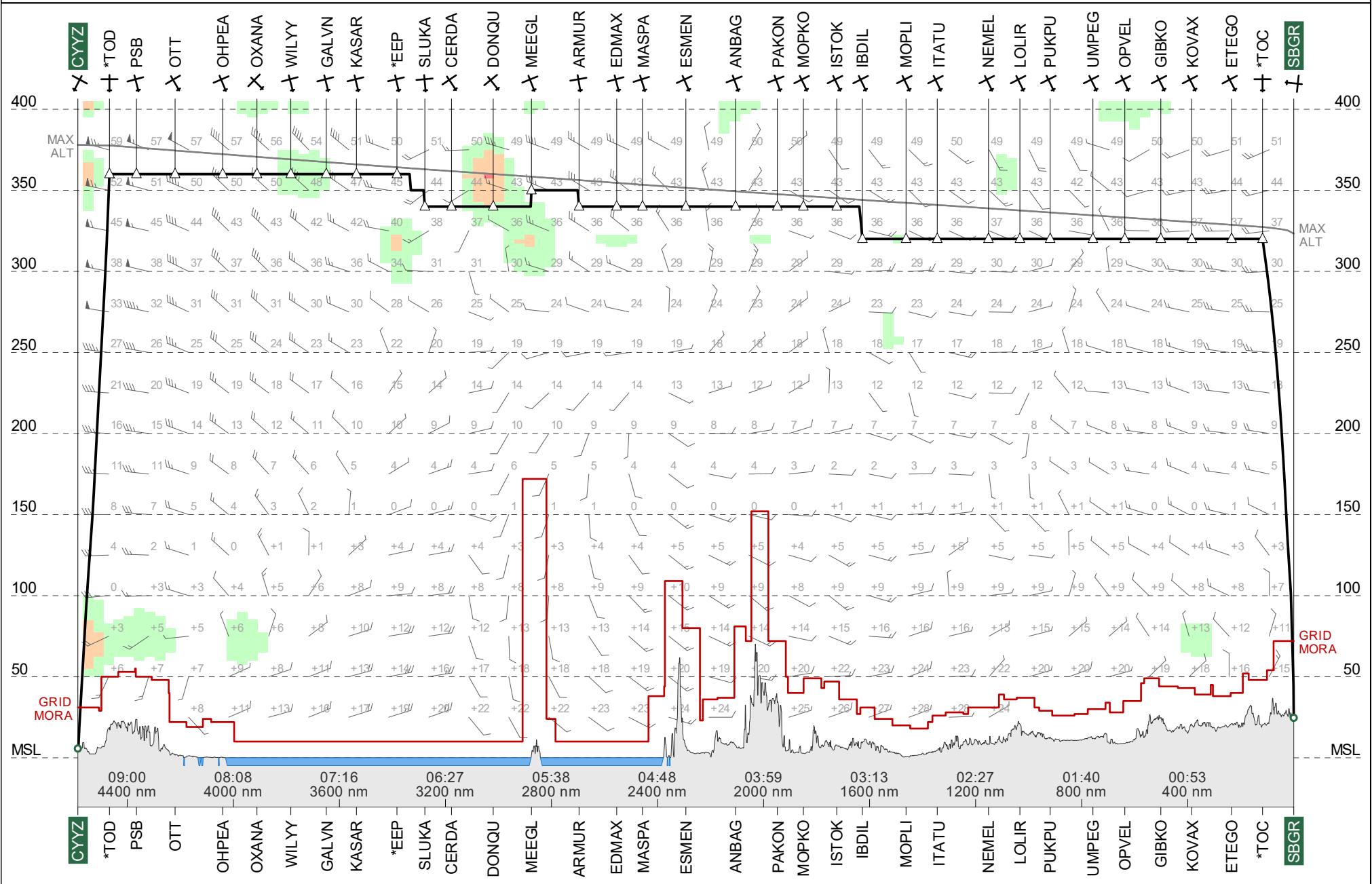
UTC -05:00

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

# TR321A #1

## CYYZ ← SBGR

ETD 03 Nov 21:30z  
PJTGK B77W



Route Chart

**ETOPS 120**

**TR321A #1  
SBGR-CYYZ**

03 Nov 2024  
PJTGK B77W

Lambert Conical Projection  
Standard Parallels: 01N and 21S





# Wind Chart

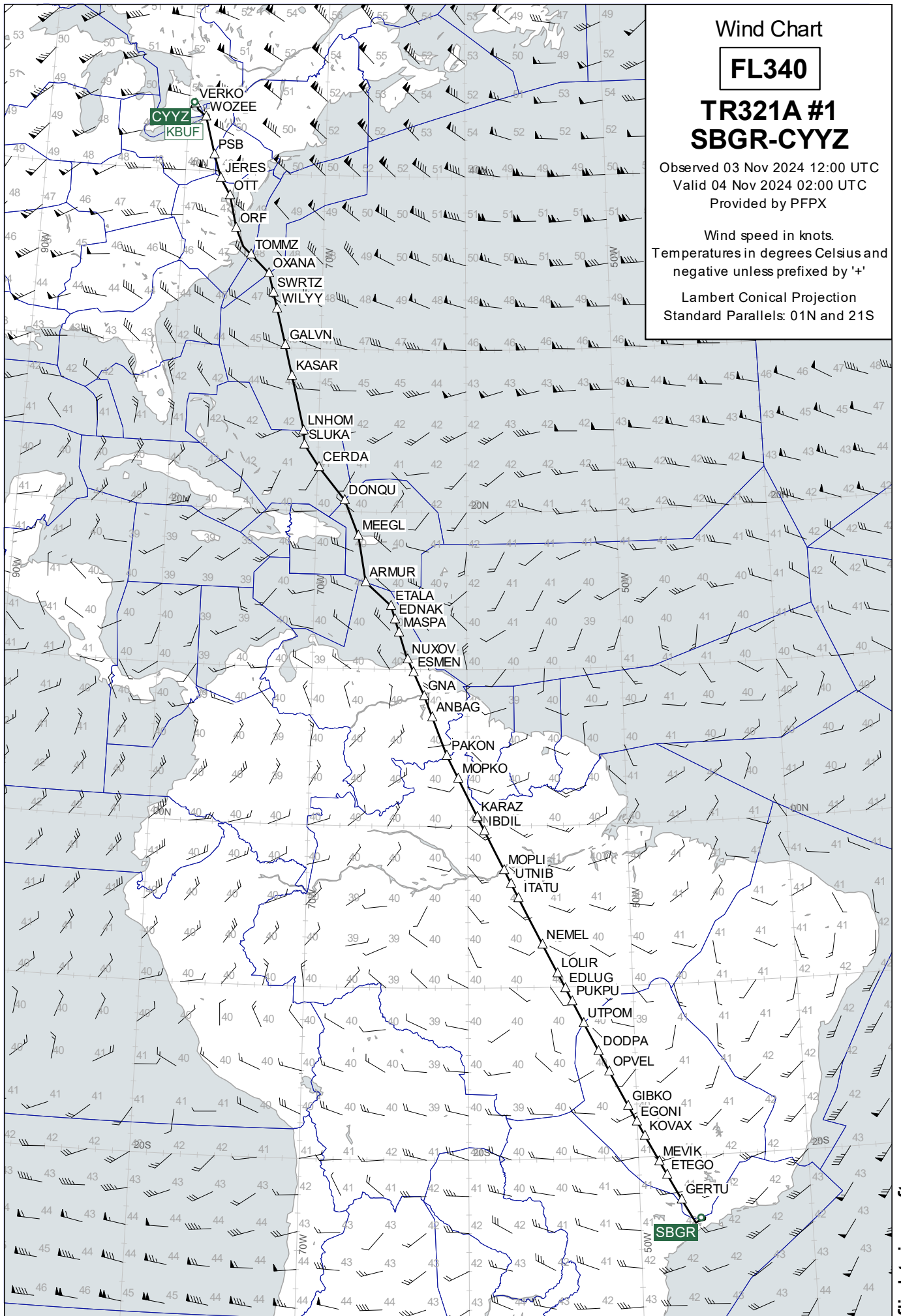
## FL340

### TR321A #1 SBGR-CYYZ

Observed 03 Nov 2024 12:00 UTC  
Valid 04 Nov 2024 02:00 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

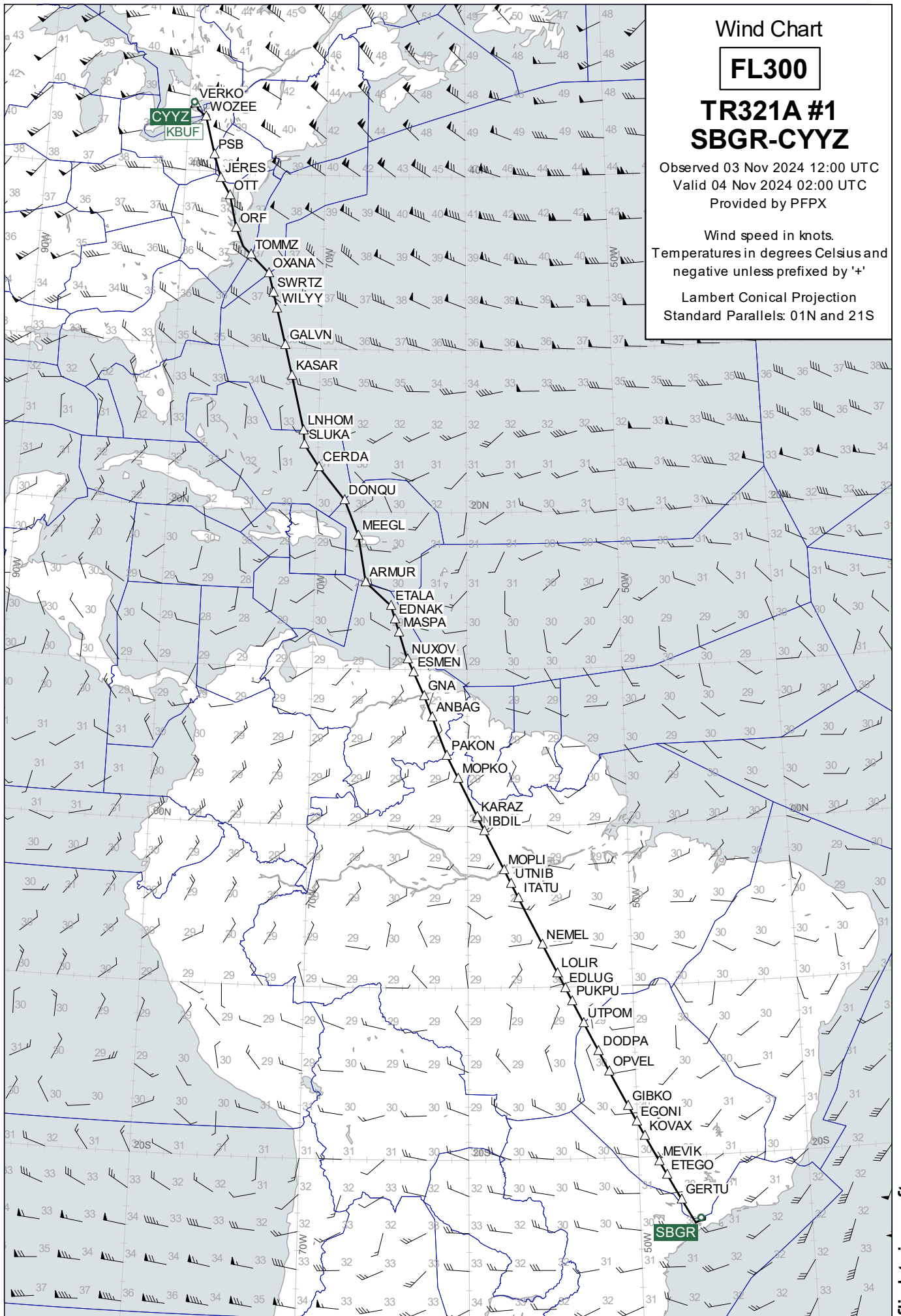
## FL300

### TR321A #1 SBGR-CYYZ

Observed 03 Nov 2024 12:00 UTC  
Valid 04 Nov 2024 02:00 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

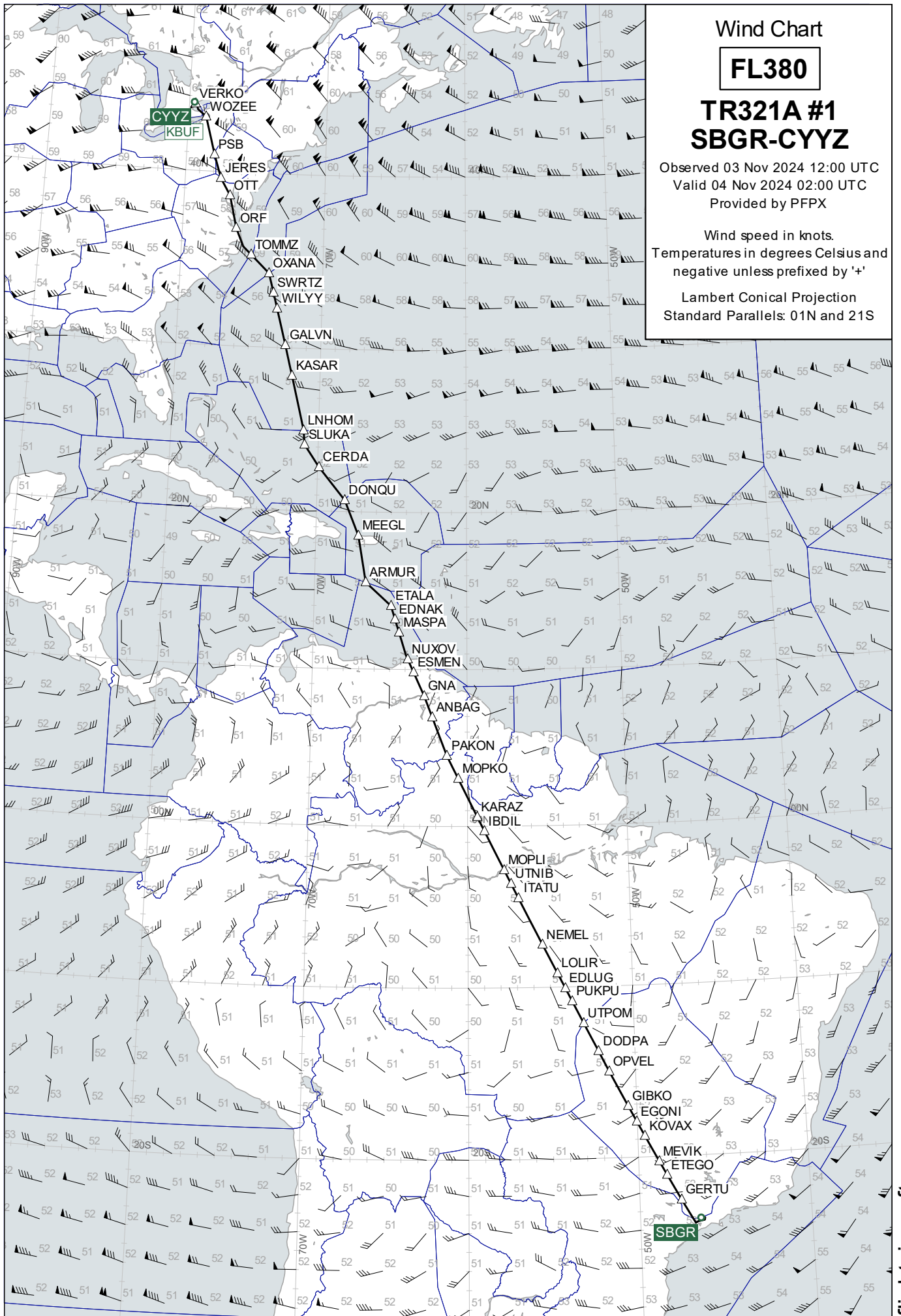
## FL380

### TR321A #1 SBGR-CYYZ

Observed 03 Nov 2024 12:00 UTC  
Valid 04 Nov 2024 02:00 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**

**TR321A #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

