



**Tradewind VA**



**Flight Briefing Package**

**TCC310D EGKK-CYYZ**

**18-Jul-2021 #1**

RELEASE #1

GATWICK  
(UNITED KINGDOM)

-

LESTER B PEARSON INTL  
(CANADA)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

18 JUL 1459 UTC

TCC310D EGKK-CYYZ (18-Jul-2021) #1

TRADEWIND PACIFIC FLIGHTPLAN - IFR TCC310D FOHGG EGKK-CYYZ

ALL WEIGHTS IN KILOGRAMS (KG) STD 18JUL/1950Z

OPF 1 - PREPARED 18JUL/1459Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR310D/TCC310D FOHGG/B777-2LR GE SEL/EGAE ROUTE: EGKKCYZ01

DEP: EGKK/LGW 26L ELEV 203 FT COST INDEX: 250 TTL G/C DIST: 3103 NM
ARR: CYYZ/YYZ 33R ELEV 569 FT INIT ALT: FL360 TTL F/P DIST: 3204 NM
FUEL BIAS: 100.0% TTL AIR DIST: 3315 NM
AVG WIND CMP: HD016 KT

ALT: KBUF/BUF 32 ELEV 727 FT 73 NM

Table with columns: CONFIG, DOW, PAX, CARGO, TOTAL, ULOAD LIM, ZFW, TOW, LDW. Rows include STANDARD, MAX, PLN, and ACT.

\*\* TAKE-OFF DATA EGKK 26L \*\*

COND: 241300 KG // RWY DRY // +29•C Q1024 CALM // LMT: STRUCT
CONFIG: FLAPS 5 // D-T02 +45C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=147 VR=154 V2=155
ENG OUT: LT TO 'MAY' 117.9 (090 INBD,LT)

Table with columns: FUEL, CORR, ENDUR. Rows include TRIP, CONT 5%, ALTN KBUF, FINAL RESV, HOLD, ADD FUEL, MIN T/O, EXTRA, TAXI, RELEASE, ARR FUEL. Includes CAPTAINS SIGNATURE and I ACCEPT THIS OPF AND I AM FAMILIAR WITH THE PLANNED ROUTE AND AERODROMES.

FUEL TANK CAP 145026 KG / MAX EXTRA FUEL 28971 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +694 KG / 5000 KG TOW DECR: -760 KG
2000 FT LOWER: +474 KG / EET 06:52 CLB: 250/310/84 DES: 84/320/250

Table with columns: STD, ETD, ACT OFBL, EST T/O, ACT T/O, STA, ETA, ACT ONBL, EST LDG, ACT LDG, SKD, PLN, TTL BLCK, EST FLT, TTL FLT.

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

Table with columns: ETOPS ENTRY (EINN), ETOPS EXIT (CYYR), 32 NM BEFORE 5620N, 26 NM BEFORE 5550N, N56 00.9 W019 02.7, N55 01.7 W049 15.5, EET 01:43, EET 03:49.

# TCC310D EGKK-CYYZ (18-Jul-2021) #1

## ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (22:40-23:15)  
BIKF (23:02-01:19)  
CYYR (00:51-01:19)

-----  
**ONE ENGINE OUT DECOMP ETP 1 FOR EINN/BIKF** N56 02.9 W021 21.8 EET 01:53  
84/320/250 DESC TO FL100 CRUISE AT 1E0320 290 NM BEFORE 5630N  
PLN FUEL OVER ETP 41690 ETP FUEL REQ 11113 DIV TIME 01:17  
ETP TO EINN (N52 42.1 W008 55.5) DIST 479 NM WC 0 TT 110  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 479 NM WC 0 TT 356

**ALL ENGINE DECOMP ETP 1 FOR EINN/BIKF** N56 02.9 W021 21.8 EET 01:53  
84/320/250 DESC TO FL100 CRUISE AT AE320 290 NM BEFORE 5630N  
PLN FUEL OVER ETP 41690 ETP FUEL REQ 10597 DIV TIME 01:17  
ETP TO EINN (N52 42.1 W008 55.5) DIST 479 NM WC 0 TT 110  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 479 NM WC 0 TT 356

**ONE ENGINE OUT ETP 1 FOR EINN/BIKF** N56 03.3 W021 37.9 EET 01:54  
1E084/320 DESC TO FL277 CRUISE AT 1E0320 281 NM BEFORE 5630N  
PLN FUEL OVER ETP 41570 ETP FUEL REQ 11177 DIV TIME 01:03  
ETP TO EINN (N52 42.1 W008 55.5) DIST 487 NM WC TL006 TT 109  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 478 NM WC HD005 TT 357

**ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/CYYR** N55 02.5 W041 08.9 EET 03:15  
84/320/250 DESC TO FL100 CRUISE AT 1E0320 305 NM BEFORE 5550N  
PLN FUEL OVER ETP 32985 ETP FUEL REQ 16482 DIV TIME 01:59  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 775 NM WC TL018 TT 039  
ETP TO CYYR (N53 19.2 W060 25.6) DIST 684 NM WC HD026 TT 269

**ALL ENGINE DECOMP ETP 2 FOR BIKF/CYYR** N55 02.5 W041 08.9 EET 03:15  
84/320/250 DESC TO FL100 CRUISE AT AE320 305 NM BEFORE 5550N  
PLN FUEL OVER ETP 32985 ETP FUEL REQ 15713 DIV TIME 01:59  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 775 NM WC TL018 TT 039  
ETP TO CYYR (N53 19.2 W060 25.6) DIST 684 NM WC HD026 TT 269

**ONE ENGINE OUT ETP 2 FOR BIKF/CYYR** N55 02.5 W041 09.8 EET 03:15  
1E084/320 DESC TO FL289 CRUISE AT 1E0320 304 NM BEFORE 5550N  
PLN FUEL OVER ETP 32979 ETP FUEL REQ 15901 DIV TIME 01:34  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 775 NM WC TL018 TT 039  
ETP TO CYYR (N53 19.2 W060 25.6) DIST 683 NM WC HD037 TT 269

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**ATC ROUTE:** N0495F360 DCT IMVUR N63 SAM N19 ADKIK M17 STU N546 BAKUR DCT  
PIKIL/M084F380 DCT 56N020W 56N030W 55N040W 55N050W DCT LOMSI DCT YBC  
DCT VBS DCT POLTY IMEBA5

## ALTERNATE PLANNING

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**ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE**  
KBUF/32 73 5000 050 TL004 00:19 1994 - BULGE

MOST CRITICAL MORA 5200 FT AT YBC

## TCC310D EGKK-CYYZ (18-Jul-2021) #1

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA	FREQ ISA WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	EGKK/26L GATWICK		203	023				57.4 / 0.4 N5109.0 W00010.3	...../.....	
DCT	IMVUR	276	*CLB	023	P08 308/018		14 3190	55.6 / 2.1 N5110.5 W00031.9	04 00.04 ...../.....	
N63	VOUGA	247	*CLB	023	P08 308/031		18 3173	54.7 / 3.0 N5103.6 W00057.8	03 00.07 ...../.....	
N63	SAM SOUTHAMPTON	247	*CLB	024	113.35 P06 299/030		16 3157	54.1 / 3.7 N5057.3 W00120.7	02 00.09 ...../.....	
N19	NULGU	259	*CLB	024	P04 296/034		25 3132	53.2 / 4.5 N5052.3 W00159.7	03 00.12 ...../.....	
N19	*TOC	259	FL360	024	P08 289/039	494	13 461 3119	52.9 / 4.9 N5049.6 W00220.0	02 00.14 ...../.....	
N19	ADKIK	259	FL360	022	P08 289/038	495	8 461 3111	52.8 / 5.0 N5047.8 W00232.8	01 00.15 ...../.....	
M17	EXMOR	308	FL360	042	P08 286/037	494	38 459 3072	52.2 / 5.6 N5110.7 W00321.6	05 00.20 ...../.....	
M17	KESUP	310	FL360	042	P08 285/037	494	14 459 3058	52.0 / 5.8 N5119.5 W00339.3	02 00.22 ...../.....	
M17	SWANY	310	FL360	042	P08 283/037	494	23 459 3035	51.6 / 6.1 N5133.6 W00407.8	03 00.25 ...../.....	
M17	STU STRUMBLE	309	FL360	030	113.10 P08 281/036	494	43 460 2992	51.0 / 6.7 N5159.7 W00502.4	06 00.31 ...../.....	
N546 -EISN	BAKUR	304	FL360	019	P07 280/035	494	28 460 2965	50.6 / 7.2 N5214.5 W00540.8	03 00.34 ...../.....	
	EINN	310	FL360	019	P07 282/030		2 2963	50.6 / 7.2 N5215.6 W00543.2	01 00.35 ...../.....	
DCT -EGGX	*BDRY	310	FL360	044	P06 282/030	493	225 465 2737	47.2 / 10.5 N5428.7 W01047.9	29 01.04 ...../.....	

----- OCEANIC ENTRY -----

[ ] LR NAV ACCUR CHECK	AT ___:___Z	CAPT _____	STBY _____	FO _____
[ ] RVSM ALTIMETER CHECK	AT ___:___Z	CAPT _____	STBY _____	FO _____
[ ] COMPASS HDG CHECK	AT ___:___Z	CAPT _____	STBY _____	FO _____
[ ] HF CHECK	AT ___:___Z	SIGNATURE (....) _____		

DCT	PIKIL	309	*CLB	036	P05 285/028	171	2567	44.8 / 13.0 N5600.0 W01500.0	22 01.26 ...../.....
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## TCC310D EGKK-CYYZ (18-Jul-2021) #1

----- ETOPS ENTRY (EINN) 0032 NM BEFORE 5620N EET 01:43 -----

DCT	<b>5620N</b>	277	FL380	010	486	168	42.3 / 15.4	21	01.47
	56N020W			P02	274/005	480 2399	N5600.0 W02000.0	...../.....	
	<b>*ETP 1</b>	283	FL380	010	486	55	41.6 / 16.2	07	01.54
	EINN/BIKF			P02	140/001	483 2344	N5603.3 W02137.9	...../.....	
DCT	<b>5630N</b>	282	FL380	010	486	281	37.9 / 19.8	34	02.28
-CZQX	56N030W			P02	130/020	501 2063	N5600.0 W03000.0	...../.....	
DCT	<b>5540N</b>	277	FL380	010	486	345	33.5 / 24.3	42	03.10
	55N040W			P01	168/032	485 1717	N5500.0 W04000.0	...../.....	
	<b>*ETP 2</b>	291	FL380	010	486	40	33.0 / 24.8	05	03.15
	BIKF/CYYR			P02	168/040	493 1678	N5502.5 W04108.9	...../.....	

----- ETOPS EXIT (CYYR) 0026 NM BEFORE 5550N EET 03:49 -----

DCT	<b>5550N</b>	286	FL380	010	497	305	29.1 / 28.7	37	03.52
	55N050W			P10	253/020	477 1373	N5500.0 W05000.0	...../.....	
DCT	<b>LOMSI</b>	267	FL380	038	493	265	25.5 / 32.2	34	04.26
				P04	285/045	459 1108	N5306.0 W05647.0	...../.....	
DCT	<b>*BDRY</b>	266	FL380	046	491	260	21.9 / 35.8	34	05.00
-CZUL				P03	273/044	454 847	N5108.3 W06305.2	...../.....	
	<b>CYBG</b>	260	FL380	049		118	20.3 / 37.4	16	05.16
				P03	254/046	730	N5008.8 W06545.2	...../.....	
DCT	<b>YBC</b>	257	FL380	052	<b>117.70</b>	492	18.7 / 39.0	15	05.31
	BAIE-COMEAU			P02	250/047	445 616	N4908.0 W06813.3	...../.....	
DCT	<b>VBS</b>	260	FL380	048	<b>114.20</b>	492	16.9 / 40.9	19	05.50
	SAGUENAY			P03	241/030	459 477	N4801.0 W07116.2	...../.....	
	<b>CYYZ</b>	253	FL380	052		210	14.2 / 43.6	26	06.16
				P03	301/012	267	N4602.8 W07531.1	...../.....	
DCT	<b>POLTY</b>	248	FL380	040	492	15	14.0 / 43.8	02	06.18
				P04	273/005	487 251	N4554.0 W07548.7	...../.....	
IMEBA5	<b>*BDRY</b>	249	FL380	033	492	23	13.7 / 44.0	03	06.21
-CZYZ				P05	296/005	487 229	N4541.2 W07615.6	...../.....	
IMEBA5	<b>PERGI</b>	249	FL380	036	493	86	12.7 / 45.1	11	06.32
				P05	351/012	497 142	N4451.9 W07755.9	...../.....	
IMEBA5	<b>*TOD</b>	244	FL380	031	493	14	12.5 / 45.2	01	06.33
				P06	351/013	499 129	N4443.7 W07811.1	...../.....	
IMEBA5	<b>IMEBA</b>	244	*DES	031		47	12.4 / 45.3	06	06.39
				P09	018/017	82	N4415.0 W07903.3	...../.....	
IMEBA5	<b>VIDRO</b>	211	*DES	031		17	12.3 / 45.4	02	06.41
				P09	019/013	65	N4359.1 W07911.3	...../.....	

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IMEBA5	ELVUT	269	*DES 031		9	12.3 / 45.4	02	06.43
			P09 015/013		56	N4357.4 W07923.3	...../.....	
IMEBA5	NUBAV	217	*DES 031		12	12.2 / 45.5	01	06.44
			P08 009/012		44	N4346.8 W07930.6	...../.....	
IMEBA5	MIRUG	217	*DES 031		3	12.2 / 45.5	01	06.45
			P08 007/012		41	N4344.1 W07932.4	...../.....	
IMEBA5	GUBOV	147	*DES 031		11	12.2 / 45.6	02	06.47
			P08 004/009		30	N4335.8 W07921.6	...../.....	
IMEBA5	OKOKU	149	*DES 031		3	12.1 / 45.6	01	06.48
			P08 003/009		27	N4333.5 W07918.9	...../.....	
IMEBA5	MAVID	150	*DES 031		3	12.1 / 45.6	00	06.48
			P08 002/008		24	N4331.2 W07916.2	...../.....	
IMEBA5	KEDSU	150	*DES 031		3	12.1 / 45.6	01	06.49
			P08 001/008		21	N4329.0 W07913.5	...../.....	
IMEBA5	CYYZ/33R	314	569 031		21	11.7 / 46.0	07	06.56
	LESTER B PEARSON INT					N4340.3 W07936.9	...../.....	

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# TCC310D EGKK-CYYZ (18-Jul-2021) #1

WIND INFORMATION - OBS 18/JUL 06:00

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**(CLIMB)**                      **EXMOR**                      **BAKUR**                      **5620N**  
FL350 296/039 -48    FL400 281/044 -50    FL400 275/042 -50    FL420 248/011 -54  
FL280 300/029 -35    FL380 282/044 -48    FL380 276/041 -49    FL400 255/008 -55  
FL210 305/030 -19    FL360 286/038 -48    FL360 281/036 -49    FL380 274/006 -55  
FL140 306/023 -5    FL340 292/032 -48    FL340 288/031 -49    FL360 305/006 -52  
FL070 304/012 +8    FL320 293/032 -44    FL320 286/031 -45    FL340 326/008 -49

**5630N**                      **5540N**                      **5550N**                      **LOMSI**  
FL420 153/016 -54    FL420 177/025 -53    FL420 244/016 -46    FL420 284/035 -50  
FL400 140/018 -55    FL400 172/029 -55    FL400 247/018 -46    FL400 284/041 -51  
FL380 131/020 -55    FL380 169/032 -56    FL380 254/020 -46    FL380 285/046 -52  
FL360 128/023 -52    FL360 165/032 -52    FL360 266/024 -47    FL360 288/046 -52  
FL340 125/027 -49    FL340 161/032 -49    FL340 275/029 -48    FL340 290/046 -51

**YBC**                      **VBS**                      **(DESCENT)**  
FL420 255/035 -55    FL420 251/025 -55    FL370 340/006 -50  
FL400 252/043 -55    FL400 245/028 -55    FL300 021/013 -40  
FL380 250/048 -54    FL380 242/030 -54    FL220 026/013 -21  
FL360 250/046 -51    FL360 242/028 -51    15000 020/011 -7  
FL340 249/044 -48    FL340 243/027 -48    7000 357/009 +9

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END FLIGHTPLAN 00689 TCC310D FOHGG EGKK-CYYZ 18JUL2021

## TCC310D EGKK-CYYZ (18-Jul-2021) #1

### [ATC FLIGHTPLAN]

(FPL-TCC310D-IN  
-B77L/H-SDE1FGHIJ1RWXYZ/LB1  
-EGKK1950  
-N0495F360 DCT IMVUR N63 SAM N19 ADKIK M17 STU N546 BAKUR DCT  
PIKIL/M084F380 DCT 56N020W 56N030W 55N040W 55N050W DCT LOMSI DCT  
YBC DCT VBS DCT POLTY IMEBA5  
-CYYZ0656 KBUF  
-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/210718 REG/FOHGG  
EET/EISN0034 EGGX0104 56N020W0147 CZQX0228 55N040W0310  
55N050W0352 CZUL0500 CZYZ0621  
SEL/EGAE CODE/3B755A RVR/75 OPR/TRADEWIND PACIFIC  
ORGN/NTAATPCP PER/D  
RALT/EINN BIKF CYR  
RMK/TCAS  
-E/0853)



**TCC310D EGKK-CYYZ (18-Jul-2021) #1**

[PLANNING WEATHER]

**ORIGIN: EGKK/LGW (GATWICK, UNITED KINGDOM)****UTC +01:00**EGKK 181420Z 30007KT 260V350 CAVOK 29/17 Q1024  
EGKK 181052Z 1812/1918 VRB03KT CAVOK**DESTINATION: CYYZ/YYZ (LESTER B PEARSON INTL, CANADA)****UTC -04:00**CYYZ 181400Z 35007KT 15SM FEW110 OVC220 22/17 A3012 RMK AC1CS7 SLP200  
DENSITY ALT 1300FT  
CYYZ 181438Z 1815/1918 35008KT P6SM FEW110 BKN200  
FM181900 35012KT P6SM -SHRA BKN050  
PROB30 1819/1823 2SM TSRA BR BKN015 OVC040CB  
FM190000 36007KT P6SM FEW060  
FM191600 01007KT P6SM BKN040  
RMK NXT FCST BY 181800Z**ALTERNATE: KBUF/BUF (BUFFALO NIAGARA INTL, UNITED STATES)****UTC -04:00**KBUF 181354Z 00000KT 10SM FEW040 SCT065 BKN160 BKN200 21/16 A3013 RMK A02  
SLP201 T02110156 \$  
KBUF 181120Z 1812/1912 VRB05KT P6SM OVC050  
FM181500 33005KT P6SM BKN080  
FM182000 26008KT P6SM BKN080  
FM190100 VRB03KT P6SM BKN060**EDTO AIRPORT: CYR/YYR (GOOSE BAY, CANADA)****UTC -03:00**CYR 181400Z 26013G22KT 15SM FEW040 FEW270 23/10 A2985 RMK CF1CI2 SLP108  
CYR 181130Z 1812/1912 28012G22KT P6SM FEW070 SCT260  
FM182100 28010G20KT P6SM BKN050  
TEMPO 1823/1901 P6SM -SHRA  
BECMG 1823/1901 02005KT  
FM190100 02005KT P6SM -RA SCT020 OVC050  
TEMPO 1901/1904 5SM -SHRA BR BKN020 OVC050  
FM190400 03010KT 6SM -RA BR SCT008 OVC020  
TEMPO 1904/1912 3SM -SHRA BR BKN008 OVC020  
RMK NXT FCST BY 181800Z**EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)****UTC +00:00**BIKF 181430Z 21008KT 9999 OVC010 09/07 Q1020  
BIKF 181344Z 1815/1915 24007KT 9999 OVC009 TX12/1915Z TN08/1900Z  
TEMPO 1822/1915 VRB02KT 2000 DZ BR OVC002

**TCC310D EGKK-CYYZ (18-Jul-2021) #1**

**EDTO AIRPORT: EINN/SNN (SHANNON INTL, IRELAND)**

**UTC +01:00**

EINN 181430Z 01002KT 9999 FEW027 27/16 Q1024 NOSIG  
EINN 181100Z 1812/1912 VRB03KT 9999 FEW030  
TEMPO 1902/1907 4000 BR BKN004

**ADEQUATE: CYBG/YBG (BAGOTVILLE, CANADA)**

**UTC -04:00**

CYBG 181400Z 00000KT 15SM BKN210 23/15 A3010 RMK CI7 SLP194  
CYBG 181430Z 1815/1912 VRB03KT P6SM BKN210  
FM181800 33008KT P6SM FEW050  
BECMG 1822/1824 VRB03KT  
FM190400 VRB03KT P6SM SCT015 OVC040  
TEMPO 1904/1910 P6SM -SHRA BKN015 OVC040  
FM191000 29010KT P6SM FEW020 SCT250  
RMK NXT FCST BY 181800Z

**TCC310D EGKK-CYYZ (18-Jul-2021) #1**

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/1 TRACKS FLS 310/390 INCLUSIVE  
JUL 18/1130Z TO JUL 18/1900Z  
PART ONE OF ONE PART-

A DOGAL 55/20 55/30 55/40 55/50 LOMSI  
EAST LVLS NIL  
WEST LVLS 340 350 360 370 380 390  
EUR RTS WEST NIL  
NAR NIL-

B MALOT 54/20 54/30 54/40 54/50 NEEKO  
EAST LVLS NIL  
WEST LVLS 340 350 360 370 380 390  
EUR RTS WEST NIL  
NAR NIL-

REMARKS.

1. TMI IS 199 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. OPERATORS ARE REMINDED THAT ADS-C AND CPDLC IS MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS  
NO ASSIGNED PBCS TRACKS  
END OF PBCS OTS
4. FOR STRATEGIC LATERAL OFFSET AND CONTINGENCY PROCEDURES FOR OPS IN NAT FLOW REFER TO NAT PROGRAMME COORDINATION WEBSITE  
[WWW.PARIS.ICAO.INT](http://WWW.PARIS.ICAO.INT).  
SLOP SHOULD BE STANDARD PROCEDURE, NOT JUST FOR AVOIDING WX/TURB.
5. 80 PERCENT OF GROSS NAVIGATION ERRORS RESULT FROM POOR COCKPIT PROCEDURES. CONDUCT EFFECTIVE WAYPOINT CHECKS.
6. OPERATORS ARE REMINDED THAT CLEARANCES MAY DIFFER FROM THE FLIGHT PLAN, FLY THE CLEARANCE.
7. UK AIP. ENR 2.2.4.2 PARA 5.2 STATES THAT NAT OPERATORS SHALL FILE PRM'S.
8. FLIGHTS REQUESTING WESTBOUND OCEANIC CLEARANCE VIA ORCA DATALINK SHALL INCLUDE IN RMK/ FIELD THE HIGHEST ACCEPTABLE FLIGHT LEVEL WHICH CAN  
BE MAINTAINED AT OAC ENTRY POINT.
9. ALL ADSC CPDLC EQUIPPED FLIGHTS NOT LOGGED ON TO A DOMESTIC ATSU PRIOR TO ENTERING THE SHANWICK OCA MUST INITIATE A LOGON TO EGGX BETWEEN 10  
AND 25 MINUTES PRIOR TO OCA ENTRY.-

END OF PART ONE OF ONE PARTS)

(NAT-1/2 TRACKS FLS 320/400 INCLUSIVE  
JUL 19/0100Z TO JUL 19/0800Z  
PART ONE OF TWO PARTS-

X ELSIR 50/50 52/40 54/30 54/20 DOGAL BEXET  
EAST LVLS 320 340 360 380 400  
WEST LVLS NIL  
EUR RTS EAST NIL

**TCC310D EGKK-CYYZ (18-Jul-2021) #1**

NAR N329B N327B-

Y JOOPY 49/50 51/40 53/30 53/20 MALOT GISTI  
EAST LVLS 320 340 360 380 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N269A N277A-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 320/400 INCLUSIVE  
JUL 19/0100Z TO JUL 19/0800Z  
PART TWO OF TWO PARTS-

Z NICSO 48/50 50/40 52/30 52/20 LIMRI XETBO  
EAST LVLS 320 340 360 380 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N211E N205B-

REMARKS:

1.TMI IS 200 AND OPERATORS ARE REMINDED TO INCLUDE TMI NUMBER IN OCEANIC

CLEARANCE READ BACK.

2.ADS-C AND CPDLC ARE MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE.

3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS

NO ASSIGNED PBCS TRACKS

END OF PBCS OTS.

4.AS PER NOTAM H2005/21,GANDER OCEANIC VERBAL CLEARANCE DELIVERY SVC NOT AVBL.

EASTBOUND OCEANIC FLT WILL REC CLEARANCE BY MONCTON, MONTREAL OR GANDER ACC.

OPR ARE TO REQUEST THEIR CLR ON CONTROL FREQ.DATA LINK CLR SERVICE UNCHANGED.

5.80 PERCENT OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT PROCEDURES

ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.

6.SEE NAT OPS BULLETIN 2020?001 FOR DATALINK CREW PROCEDURES.

ICAO WEBSITE WWW.ICAO.INT

7.EASTBOUND AIRCRAFT OPERATING IN THE OTS MUST COMPLY WITH NAR FLIGHT PLANNING RULES IN CANADA FLIGHT SUPPLEMENT OR DAILY BOSTON ADVISORY

8.AIRCRAFT EXITING THE NAT INTO TO A DOMESTIC AGENCY SHOULD CONTINUE

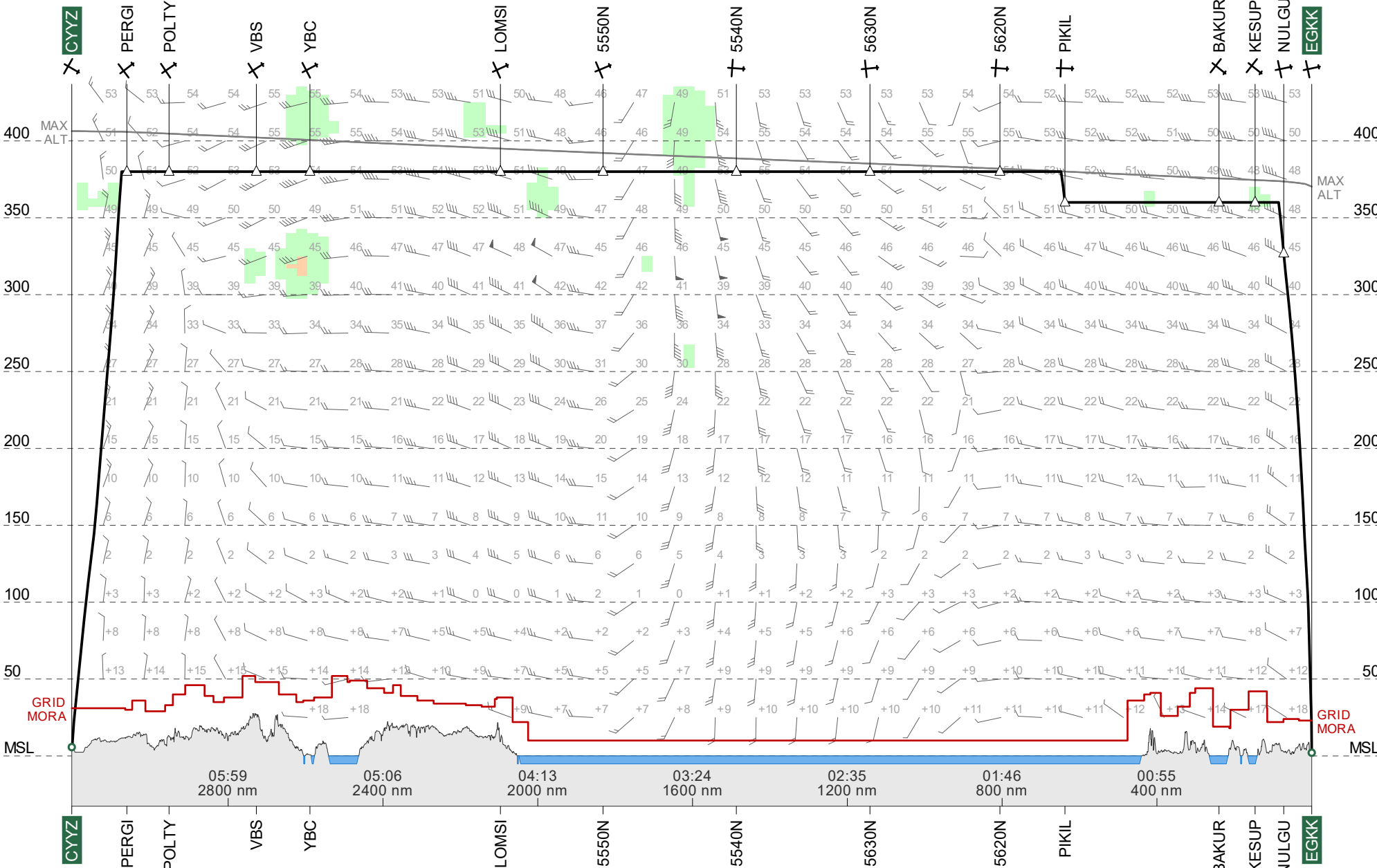
TO OPERATE TRANSPONDERS ON CODE 2000 UNTIL OTHERWISE ADVISED BY ATC SEE ICAO NAT DOC 007 6.8 FOR MORE INFO.-

END OF PART TWO OF TWO PARTS)

# TR310D #1

## CYYZ ← EGKK

ETD 18 Jul 19:50z  
FOHGG B77L

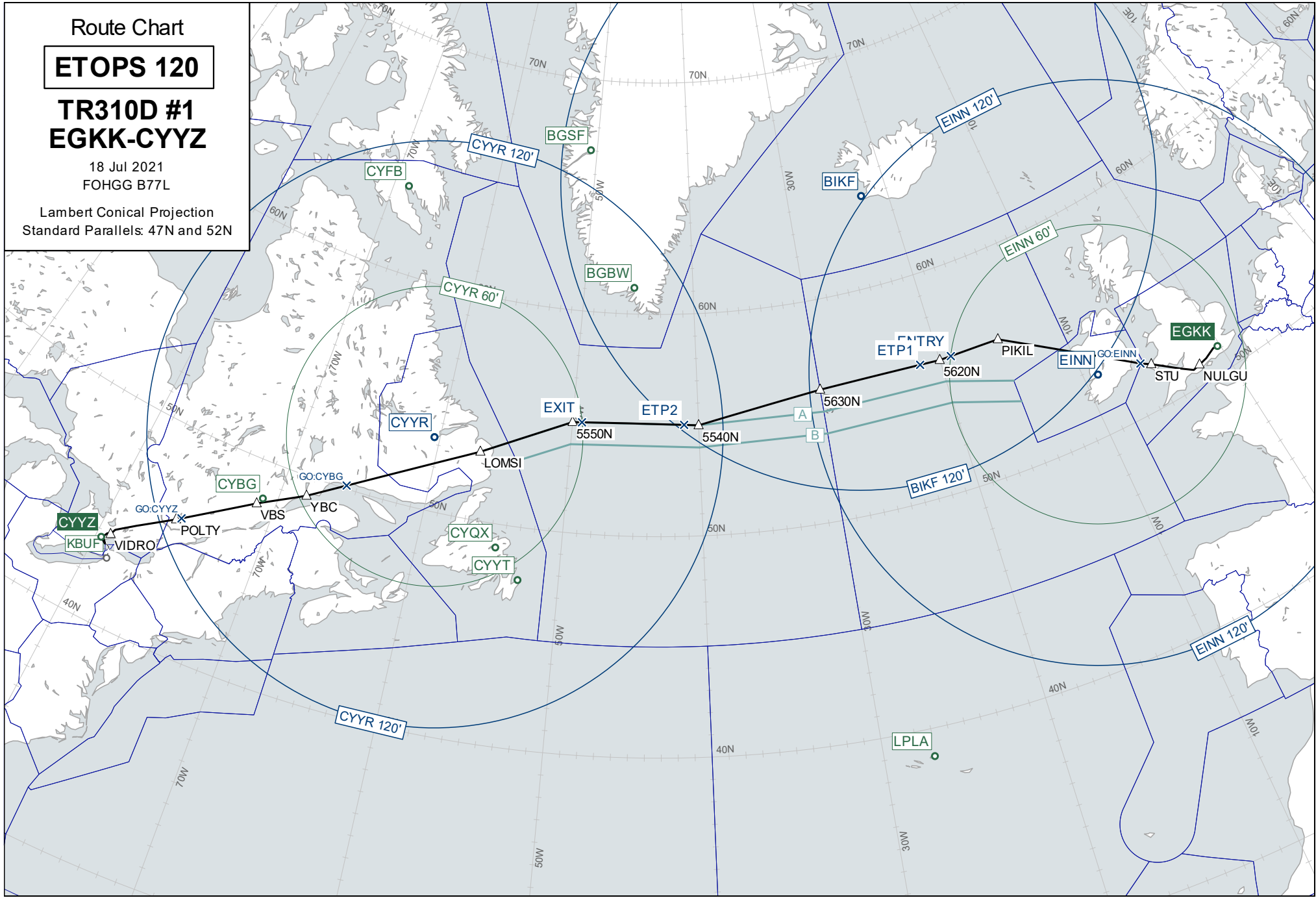


Route Chart

**ETOPS 120**  
**TR310D #1**  
**EGKK-CYYZ**

18 Jul 2021  
FOHGG B77L

Lambert Conical Projection  
Standard Parallels: 47N and 52N



Wind Chart

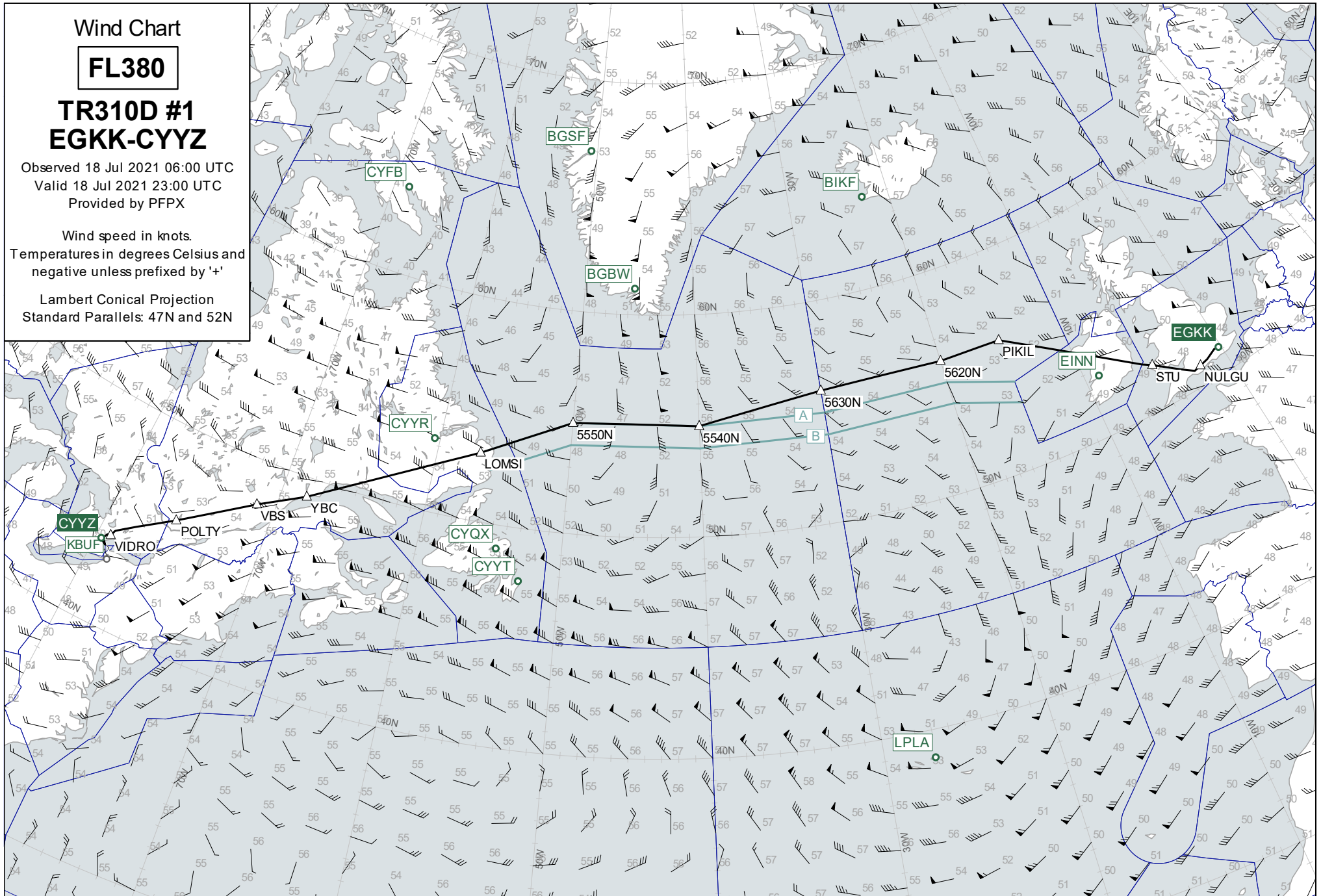
**FL380**

**TR310D #1  
EGKK-CYYZ**

Observed 18 Jul 2021 06:00 UTC  
Valid 18 Jul 2021 23:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 47N and 52N



Wind Chart

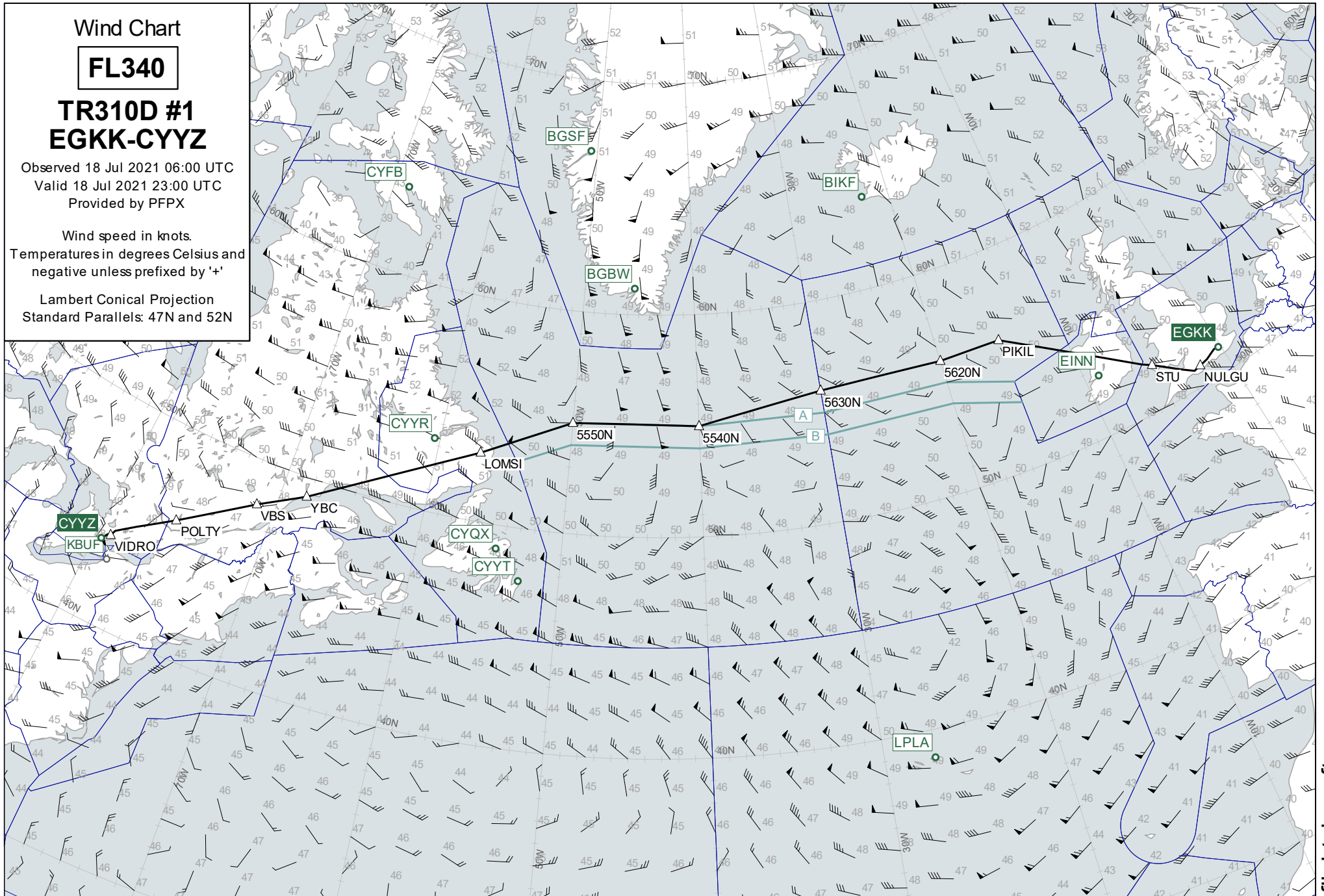
**FL340**

**TR310D #1  
EGKK-CYYZ**

Observed 18 Jul 2021 06:00 UTC  
Valid 18 Jul 2021 23:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 47N and 52N





# Wind Chart

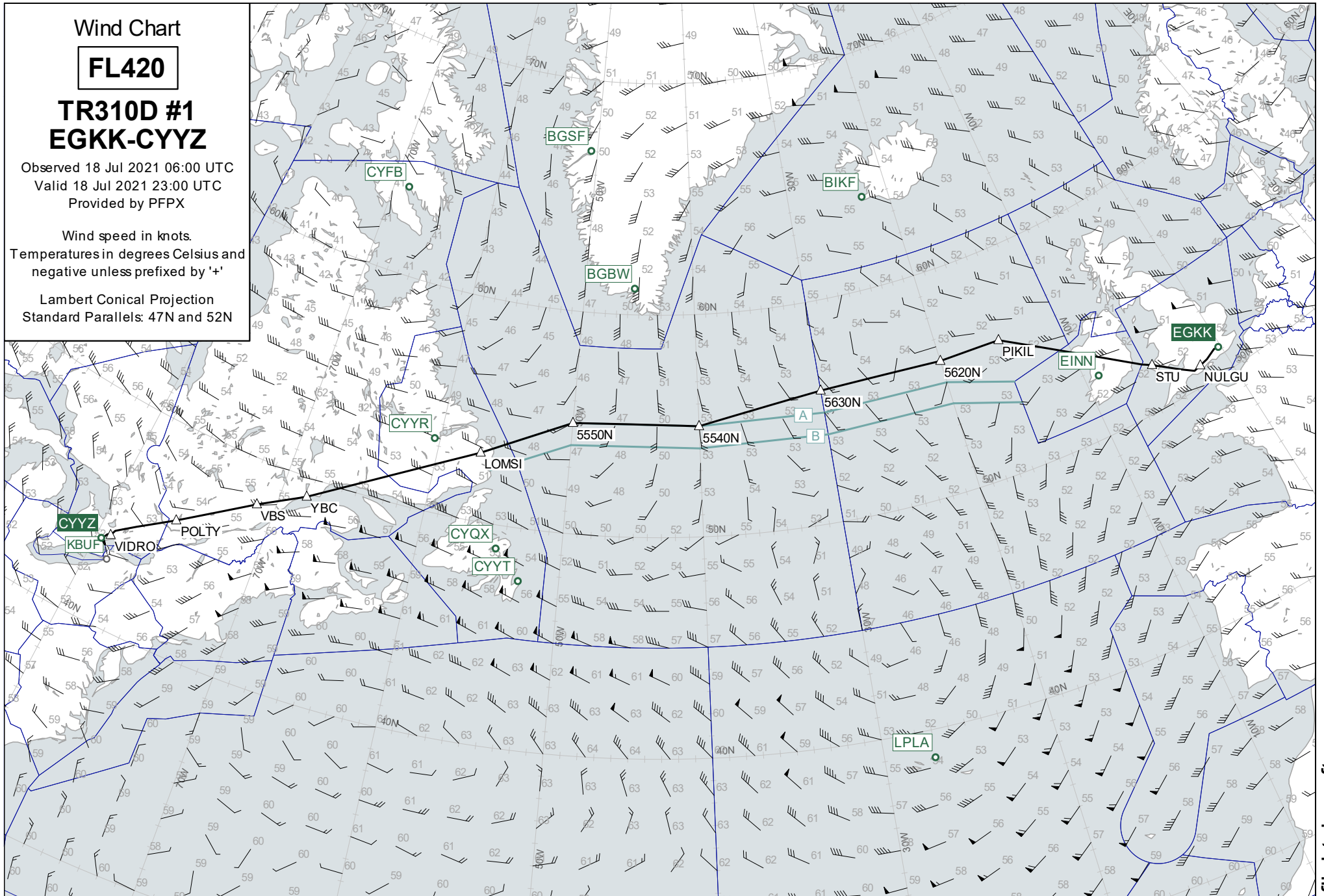
## FL420

### TR310D #1 EGKK-CYYZ

Observed 18 Jul 2021 06:00 UTC  
Valid 18 Jul 2021 23:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 47N and 52N



Destination Area

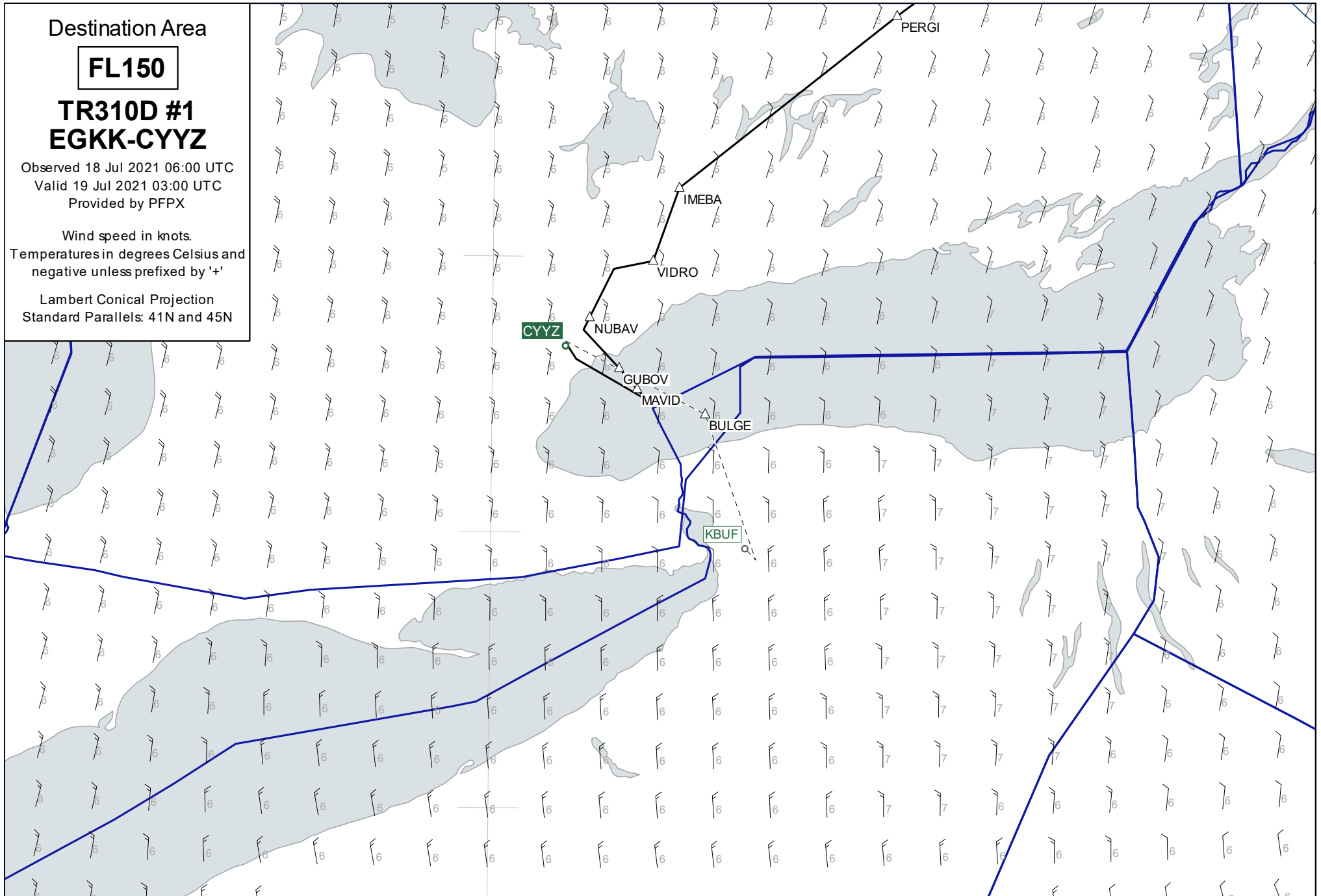
**FL150**

**TR310D #1**  
**EGKK-CYYZ**

Observed 18 Jul 2021 06:00 UTC  
Valid 19 Jul 2021 03:00 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



# Plotting Chart

## TR310D #1 EGKK-CYYZ

18 Jul 2021  
FOHGG B77L

Lambert Conical Projection  
Standard Parallels: 51N and 54N

