



**Tradewind VA**



**Flight Briefing Package**

**TCC212C CYYZ-LFML**

**16-Jul-2022 #2**

RELEASE #2

LESTER B PEARSON INTL  
(CANADA)

-

MARSEILLE/PROVENCE  
(FRANCE)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

16 JUL 2022 UTC

**TCC212C CYYZ-LFML (16-Jul-2022) #2**

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC212C PJTGH CYYZ-LFML

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 16JUL/2155Z  
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OPF 2 - PREPARED 16JUL/2022Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR212C/TCC212C PJTGH/B777-300ER SEL/EGAS ROUTE: CYYZLFML01

DEP: CYYZ/YYZ 23 ELEV 569 FT COST INDEX: 250 TTL G/C DIST: 3517 NM  
 ARR: LFML/MRS 13R ELEV 70 FT INIT ALT: FL350 TTL F/P DIST: 3669 NM  
 FUEL BIAS: 102.5% TTL AIR DIST: 3311 NM  
 AVG WIND CMP: TL051 KT

ALT: LFMN/NCE 04R ELEV 12 FT 106 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	167541	328	0	32472	37669 ZFW	<b>MAX</b>	237682	351534	251290
						<b>PLN</b>	200013	263723	213295
						<b>ACT</b>	.....	.....	.....

	<b>FUEL</b>	<b>CORR</b>	<b>ENDUR</b>	
TRIP	50428	.....	07:00	
CONT 5%	2521	.....	00:25	
ALTN LFMN	3087	.....	00:24	
FINAL RESV	3036	.....	00:30	
HOLD	2023	.....	00:20	
ADD FUEL	1098	.....	00:10	
<b>MIN T/O</b>	<b>62193</b>	.....	<b>08:48</b>	.....
EXTRA	1517	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1035	.....	00:15	
<b>RELEASE</b>	<b>64745</b>	.....	<b>09:18</b>	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	12592	.....	01:54	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145524 KG / MAX EXTRA FUEL 39512 KG LIM BY LDW  
 TRIP CORR FOR 5000 KG TOW INCR: +800 KG / 5000 KG TOW DECR: -759 KG  
 2000 FT LOWER: +1004 KG / EET 06:58 CLB: 250/310/.84 DES: .84/280/250

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CYYZ	<b>STD</b> 21:55Z/17:55L	<b>ETD</b> 21:55Z	ACT OFBL ....	<b>EST T/O</b> 22:10Z	ACT T/O ....
LFML	<b>STA</b> 06:20Z/08:20L	<b>ETA</b> 05:20Z	ACT ONBL ....	<b>EST LDG</b> 05:10Z	ACT LDG ....
	<b>SKD</b> 08:25	<b>PLN</b> 07:25	TTL BLCK ....	<b>EST FLT</b> 07:00	TTL FLT ....

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\*\*\*\*\* **180 MIN ETOPS CRITICAL FUEL SUMMARY** \*\*\*\*\*

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (CYYT)	150 NM BEFORE 4940N	N48 23.2 W043 39.6	EET 02:53
ETOPS EXIT (EINN)	144 NM BEFORE LIMRI	N52 01.1 W018 53.5	EET 04:37

**ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD**

CYYT (01:55-04:15)  
 EINN (03:28-04:15)

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<b>ONE ENGINE OUT ETP 1 FOR CYYT/EINN</b>	N50 16.7 W034 13.9	EET 03:34
.84/310/250 DESC TO FL370 CRUISE AT .84	167 NM BEFORE 5130N	
PLN FUEL OVER ETP 34277 ETP FUEL REQ 15626	DIV TIME 01:45	

## TCC212C CYYZ-LFML (16-Jul-2022) #2

ETP TO CYYT (N47 37.1 W052 45.2) DIST 746 NM WC HD064 TT 265  
 ETP TO EINN (N52 42.1 W008 55.5) DIST 953 NM WC TL059 TT 071

**ONE ENGINE OUT DECOMP ETP 1 FOR CYYT/EINN** N50 24.9 W033 30.3 EET 03:37  
 .84/280/250 DESC TO FL100 CRUISE AT .84 138 NM BEFORE 5130N  
 PLN FUEL OVER ETP 33925 ETP FUEL REQ 20287 DIV TIME 02:29  
 ETP TO CYYT (N47 37.1 W052 45.2) DIST 775 NM WC HD028 TT 265  
 ETP TO EINN (N52 42.1 W008 55.5) DIST 924 NM WC TL027 TT 072

**ALL ENGINE DECOMP ETP 1 FOR CYYT/EINN** N50 24.9 W033 30.3 EET 03:37  
 .84/280/250 DESC TO FL100 CRUISE AT LRC 138 NM BEFORE 5130N  
 PLN FUEL OVER ETP 33925 ETP FUEL REQ 19567 DIV TIME 02:29  
 ETP TO CYYT (N47 37.1 W052 45.2) DIST 775 NM WC HD028 TT 265  
 ETP TO EINN (N52 42.1 W008 55.5) DIST 924 NM WC TL027 TT 072

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**ATC ROUTE:** N0491F350 DEDKI5 OLABA Q951 TALNO Q929 EPTUL Q951 DANOL N889A PORTI  
 NATY 49N040W/M084F370 NATY XETBO DCT LULOX N12 DOLUR DCT TERKU DCT  
 KORER UM616 USODA UM184 TUPAR DCT DIDRU DCT ADATU DCT LERGA LERG1R

### ALTERNATE PLANNING

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**ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE**  
 LFMN/04R 106 FL110 093 TL001 00:24 3087 - MTG G701 BIRGO BIRG7R

MOST CRITICAL MORA 8700 FT AT ADATU

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA	FREQ WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	CYYZ/23		569	031				63.7 / 1.0		
	LESTER B PEARSON INT						3669	N4341.6 W07938.1	...../.....	
DEDKI5	SAVUR	180	*CLB	031			13	61.9 / 2.9	04	00.04
				P09	274/009		3656	N4330.2 W07935.2	...../.....	
DEDKI5	SEKIT	085	*CLB	031			7	61.5 / 3.3	01	00.05
				P09	292/014		3649	N4332.0 W07925.7	...../.....	
DEDKI5	DEDKI	083	*CLB	031			32	60.1 / 4.6	05	00.10
				P07	303/024		3616	N4341.4 W07843.1	...../.....	
DEDKI5	SANIN	078	FL350	030		492	60	58.5 / 6.3	07	00.17
				P04	289/030	513	3556	N4404.7 W07725.9	...../.....	
DEDKI5	OLABA	077	FL350	030		491	58	57.6 / 7.1	06	00.23
	-CZUL			P03	281/033	518	3498	N4428.6 W07612.2	...../.....	
Q951	ALONI	079	FL350	047		491	26	57.2 / 7.5	03	00.26
				P03	279/036	521	3472	N4438.9 W07539.2	...../.....	
Q951	KATEK	082	FL350	047		491	5	57.2 / 7.6	01	00.27
	-CZYZ			P03	279/036	522	3468	N4440.6 W07533.0	...../.....	
Q951	CFVXP	082	FL350	047		491	0	57.2 / 7.6	00	00.27

**TCC212C CYYZ-LFML (16-Jul-2022) #2**

-KZBW				P03 279/036 522 3467	N4440.8 W07532.4	...../.....
Q951	DAVDA	082	FL350 047	491 8	57.1 / 7.7	01 00.28
				P03 278/037 522 3460	N4443.5 W07522.5	...../.....
	KBGR	082	FL350 083	25	56.7 / 8.1	03 00.31
				P03 300/049 3435	N4452.2 W07450.0	...../.....
Q951	SAVAL	083	FL350 083	491 6	56.6 / 8.1	00 00.31
				P03 277/039 525 3429	N4454.3 W07442.0	...../.....
Q951	CFWCD	083	FL350 083	491 15	56.4 / 8.4	02 00.33
				P03 276/041 526 3413	N4459.6 W07421.6	...../.....
Q951	TALNO	083	FL350 083	491 1	56.4 / 8.4	00 00.33
-CZUL				P03 276/041 527 3412	N4500.0 W07419.9	...../.....
Q929	EPTUL	089	FL350 034	491 19	56.1 / 8.7	02 00.35
				P03 274/043 529 3393	N4504.6 W07354.4	...../.....
Q951	RABIK	090	FL350 046	490 57	55.3 / 9.5	07 00.42
				P03 267/050 539 3337	N4517.9 W07236.6	...../.....
Q951	MOBAL	100	FL350 060	490 32	54.8 / 9.9	03 00.45
				P03 266/054 544 3305	N4520.3 W07151.8	...../.....
Q951	ANTOV	101	FL350 060	490 35	54.4 / 10.4	04 00.49
				P03 261/057 546 3270	N4522.6 W07102.3	...../.....
Q951	CFDMK	096	FL350 065	490 9	54.2 / 10.5	01 00.50
-KZBW				P03 261/057 547 3261	N4524.0 W07049.5	...../.....
Q951	CFHJP	096	FL350 065	490 4	54.2 / 10.6	00 00.50
				P03 261/058 548 3258	N4524.6 W07044.4	...../.....
Q951	KERVO	096	FL350 065	490 4	54.1 / 10.6	01 00.51
-CZUL				P03 261/058 548 3253	N4525.3 W07038.4	...../.....
Q951	CFXBH	096	FL350 065	490 0	54.1 / 10.6	00 00.51
-KZBW				P03 261/058 548 3253	N4525.3 W07037.7	...../.....
Q951	CFZDK	096	FL350 074	489 120	52.5 / 12.3	13 01.04
				P03 263/066 554 3133	N4541.8 W06748.2	...../.....
Q951	DANOL	100	FL350 027	489 1	52.5 / 12.3	00 01.04
-CZQM				P03 263/066 556 3132	N4541.9 W06747.3	...../.....
	CYYT	096	FL350 029	240	49.3 / 15.5	26 01.30
				P03 259/070 2892	N4614.6 W06204.9	...../.....
N889A	*BDRY	102	FL350 032	489 166	47.1 / 17.6	18 01.48
-CZQX				P03 279/071 561 2726	N4627.1 W05804.8	...../.....
N889A	PORTI	105	FL350 029	490 252	43.8 / 21.0	27 02.15
				P03 268/068 559 2473	N4630.0 W05200.0	...../.....

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

## TCC212C CYYZ-LFML (16-Jul-2022) #2

[ ] 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 (.....) _____		

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NATY	<b>4750N</b>	086	FL350	010	490	88	42.6 / 22.1	09	02.24	
	47N050W				P03	266/062	550 2386	N4700.0	W05000.0	...../.....

----- ETOPS ENTRY (CYYT) 0150 NM BEFORE 4940N EET 02:53 -----

NATY	<b>4940N</b>	090	*CLB	010	419	37.3 / 27.5	45	03.09		
	49N040W				P06	234/091	1966	N4900.0	W04000.0	...../.....

NATY	<b>*TOC</b>	083	FL370	010	492	11	37.0 / 27.7	01	03.10	
					P09	234/083	572 1955	N4904.1	W03943.9	...../.....

	<b>*ETP 1</b>	084	FL370	010	489	255	33.9 / 30.8	27	03.37	
	CYYT/EINN				P05	231/090	570 1700	N5024.9	W03330.3	...../.....

NATY	<b>5130N</b>	086	FL370	010	488	138	32.2 / 32.5	14	03.51	
-EGGX	51N030W				P04	238/079	564 1562	N5100.0	W03000.0	...../.....

NATY	<b>5220N</b>	088	FL370	010	489	379	27.6 / 37.2	41	04.32	
	52N020W				P03	273/060	549 1183	N5200.0	W02000.0	...../.....

----- ETOPS EXIT (EINN) 0144 NM BEFORE LIMRI EET 04:37 -----

NATY	<b>LIMRI</b>	096	FL370	010	489	185	25.3 / 39.5	21	04.53	
					P03	289/052	539 998	N5200.0	W01500.0	...../.....

NATY	<b>XETBO</b>	095	FL370	010	488	37	24.8 / 39.9	04	04.57	
-EISN					P02	290/050	536 961	N5200.0	W01400.0	...../.....

DCT	<b>*BDRY</b>	116	FL370	041	488	156	22.8 / 41.9	17	05.14	
-EGGX					P02	268/034	520 805	N5100.0	W01008.7	...../.....

	<b>LFRB</b>	118	FL370	010	45	22.2 / 42.5	06	05.20		
					P02	301/021	760	N5041.3	W00903.9	...../.....

DCT	<b>LULOX</b>	118	FL370	010	489	45	21.6 / 43.1	05	05.25	
-EGTT					P02	265/027	513 715	N5022.0	W00800.0	...../.....

N12	<b>TESDO</b>	115	FL370	010	489	37	21.1 / 43.6	04	05.29	
					P02	260/026	511 678	N5007.4	W00707.0	...../.....

N12	<b>IDOKI</b>	116	FL370	015	488	39	20.6 / 44.1	05	05.34	
					P02	261/027	511 639	N4951.6	W00611.7	...../.....

N12	<b>MABUG</b>	116	FL370	015	488	11	20.5 / 44.3	01	05.35	
					P02	262/027	511 628	N4947.1	W00556.2	...../.....

N12	<b>DOLUR</b>	119	FL370	015	488	39	20.0 / 44.8	05	05.40	
					P01	266/026	510 589	N4929.1	W00503.4	...../.....

DCT	<b>*BDRY</b>	148	FL370	015	488	2	19.9 / 44.8	00	05.40	
-LFFF					P01	265/026	509 587	N4927.2	W00501.5	...../.....

**TCC212C CYYZ-LFML (16-Jul-2022) #2**

DCT	TERKU	148	FL370	031	488	102	18.6 / 46.2	12	05.52
				P01	264/032	502 485	N4801.8 W00337.0	...../.....	
DCT	KORER	115	FL370	031	487	50	17.9 / 46.8	06	05.58
				P00	269/029	515 435	N4741.1 W00230.1	...../.....	
UM616	TERPO	131	FL370	022	488	31	17.5 / 47.2	04	06.02
				P00	270/026	507 405	N4720.9 W00155.7	...../.....	
UM616	NTS	131	FL370	021	<b>115.50</b>	487	17.3 / 47.4	02	06.04
	NANTES ATLANTIQUE			P00	271/026	507 388	N4709.7 W00136.8	...../.....	
UM616	USODA	138	FL370	023	488	15	17.1 / 47.6	01	06.05
				P00	272/025	505 372	N4658.3 W00121.9	...../.....	
UM184	LUGEN	138	FL370	027	488	31	16.7 / 48.0	04	06.09
				P00	274/025	506 341	N4635.0 W00051.7	...../.....	
UM184	TUPAR	138	FL370	027	488	12	16.5 / 48.2	02	06.11
				P01	273/024	506 329	N4625.8 W00039.8	...../.....	
DCT	DIDRU	117	FL370	032	488	32	16.1 / 48.6	03	06.14
				P01	267/021	507 296	N4610.9 E00001.9	...../.....	
	LFML	107	FL370	032		17	15.9 / 48.8	02	06.16
				P01	249/018	279	N4605.7 E00025.9	...../.....	
DCT	ADATU	107	FL370	087	489	106	14.5 / 50.2	13	06.29
				P02	293/029	517 173	N4532.2 E00249.5	...../.....	
DCT	*TOD	112	FL370	087	489	32	14.1 / 50.6	04	06.33
				P02	298/031	520 141	N4519.5 E00331.8	...../.....	
DCT	LERGA	112	*DES	079		10	14.1 / 50.6	01	06.34
				P05	309/031	131	N4515.4 E00345.0	...../.....	
LERG1R	LATAM	121	*DES	079		25	14.1 / 50.7	03	06.37
				P08	320/025	106	N4502.0 E00414.4	...../.....	
LERG1R	ARDEG	148	*DES	082		25	14.0 / 50.8	04	06.41
				P12	329/018	81	N4440.2 E00432.3	...../.....	
LERG1R	*BDRY	166	*DES	082		6	13.9 / 50.8	01	06.42
-LFMM				P13	331/017	75	N4434.4 E00434.1	...../.....	
LERG1R	OSGOX	166	*DES	082		16	13.9 / 50.9	03	06.45
				P13	337/014	59	N4418.7 E00439.0	...../.....	
LERG1R	RIKSI	172	*DES	082		12	13.8 / 50.9	02	06.47
				P14	339/013	47	N4407.1 E00440.6	...../.....	
LERG1R	LFML/13R	149	70	082		47	13.3 / 51.5	13	07.00
	MARSEILLE/PROVENCE						N4326.5 E00512.2	...../.....	

**TCC212C CYYZ-LFML (16-Jul-2022) #2**

**WIND INFORMATION - OBS 16/JUL 12:00**

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<b>(CLIMB)</b>		<b>ALONI</b>		<b>RABIK</b>		<b>CFZDK</b>
FL340 305/034 -48	FL390 281/039 -56	FL390 266/053 -56	FL390 263/068 -56			
FL270 301/026 -32	FL370 280/038 -54	FL370 266/053 -54	FL370 263/069 -54			
FL200 299/022 -15	FL350 280/036 -51	FL350 267/051 -51	FL350 263/067 -51			
13000 291/015 -2	FL330 281/035 -47	FL330 269/050 -47	FL330 264/064 -47			
6000 265/009 +11	FL310 284/035 -42	FL310 271/049 -42	FL310 266/061 -42			

<b>PORTI</b>		<b>5130N</b>		<b>5220N</b>		<b>LIMRI</b>
FL390 268/065 -52	FL410 240/068 -55	FL410 274/055 -57	FL410 285/044 -57			
FL370 268/067 -52	FL390 240/079 -56	FL390 274/061 -57	FL390 288/052 -58			
FL350 269/069 -51	FL370 239/079 -53	FL370 273/060 -53	FL370 289/053 -54			
FL330 268/067 -48	FL350 238/077 -49	FL350 272/058 -49	FL350 291/052 -49			
FL310 267/060 -43	FL330 238/075 -44	FL330 271/055 -44	FL330 283/048 -44			

<b>LULOX</b>		<b>DOLUR</b>		<b>TERKU</b>		<b>USODA</b>
FL410 271/027 -58	FL410 272/025 -58	FL410 268/026 -58	FL410 272/025 -59			
FL390 269/027 -58	FL390 269/025 -58	FL390 266/029 -59	FL390 273/024 -60			
FL370 265/027 -55	FL370 266/026 -55	FL370 265/032 -56	FL370 273/026 -56			
FL350 261/027 -51	FL350 263/028 -51	FL350 264/036 -51	FL350 273/029 -51			
FL330 258/027 -46	FL330 261/030 -47	FL330 263/036 -47	FL330 272/029 -46			

<b>ADATU</b>		<b>(DESCENT)</b>
FL410 284/034 -58	FL360 305/035 -52	
FL390 288/031 -59	FL290 317/029 -35	
FL370 294/030 -55	FL210 323/020 -15	
FL350 301/029 -50	FL140 327/017 0	
FL330 306/028 -46	FL070 354/015 +15	

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**END FLIGHTPLAN 01211 TCC212C PJTGH CYYZ-LFML 16JUL2022**

## TCC212C CYYZ-LFML (16-Jul-2022) #2

### [ATC FLIGHTPLAN]

(FPL-TCC212C-IS

-B77W/H-SDE1FGHIJ1M1RWXY/LB2

-CYYZ2155

-N0491F350 DEDKI5 OLABA Q951 TALNO Q929 EPTUL Q951 DANOL N889A  
PORTI NATY 49N040W/M084F370 NATY XETBO DCT LULOX N12 DOLUR DCT  
TERKU DCT KORER UM616 USODA UM184 TUPAR DCT DIDRU DCT ADATU DCT  
LERGA

-LFML0700 LFMN

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/220716 REG/PJTGH

EET/CZUL0023 KZBW0027 CZUL0033 KZBW0051 CZQM0104 CZQX0148

47N050W0224 49N040W0309 EGGX0351 52N020W0432 LIMRI0453 EISN0453

XETB00457 EGGX0514 LULOX0525 EGTT0525 LFFF0540 LFMM0642

SEL/EGAS CODE/48417D RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/D

RALT/CYYT EINN

RMK/TCAS

-E/0903)



## TCC212C CYYZ-LFML (16-Jul-2022) #2

[PLANNING WEATHER]

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

**UTC -04:00**

CYYZ 162000Z 15009KT 120V200 15SM FEW070 FEW250 29/08 A3001 RMK CF1CI1  
SLP163 DENSITY ALT 2200FT  
CYYZ 161740Z 1618/1724 15010KT P6SM SCT070  
FM170200 07005KT P6SM SCT240  
BECMG 1715/1717 15010KT  
FM172100 16010KT P6SM FEW025 BKN050  
RMK NXT FCST BY 162100Z

**DESTINATION: LFML/MRS (MARSEILLE/PROVENCE, FRANCE)**

**UTC +02:00**

LFML 162000Z AUTO 15004KT CAVOK 26/20 Q1016 NOSIG  
LFML 161400Z 1615/1721 19011KT CAVOK TX35/1713Z TN22/1704Z  
BECMG 1619/1621 VRB03KT  
BECMG 1711/1713 19010KT  
BECMG 1719/1721 VRB03KT

**ALTERNATE: LFMN/NCE (NICE/COTE DAZUR, FRANCE)**

**UTC +02:00**

LFMN 162000Z 17003KT CAVOK 27/23 Q1016 NOSIG  
LFMN 161400Z 1615/1721 10010KT CAVOK  
PROB40 TEMPO 1621/1706 34005KT BKN014  
BECMG 1710/1712 VRB03KT

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

**UTC +01:00**

EINN 162000Z 12007KT 9999 FEW030 SCT080 BKN130 20/16 Q1022 NOSIG  
EINN 161700Z 1618/1718 14008KT CAVOK  
BECMG 1708/1710 17010KT  
BECMG 1713/1715 20010KT

**EDTO AIRPORT: CYYT/YYT (ST JOHNS INTL, CANADA)**

**UTC -02:30**

CYYT 162000Z 29017G25KT 15SM SCT045 23/11 A2987 RMK SC3 SLP118 DENSITY ALT  
1600FT  
CYYT 161740Z 1618/1718 29012G22KT P6SM SCT040  
TEMPO 1618/1624 BKN040  
FM170000 27012KT P6SM FEW040  
BECMG 1701/1703 30008KT  
FM171200 24008KT P6SM FEW240  
BECMG 1715/1717 25015G25KT  
RMK NXT FCST BY 170000Z

**TCC212C CYYZ-LFML (16-Jul-2022) #2**

**ADEQUATE: KBGR/BGR (BANGOR INTL, UNITED STATES)**

**UTC -04:00**

KBGR 161953Z 19013KT 10SM SCT070 SCT100 BKN250 28/14 A3002 RMK A02 SLP162  
T02830139

KBGR 161720Z 1618/1718 21009KT P6SM SCT050  
FM170900 21003KT P6SM BCFG SCT100  
FM171100 00000KT P6SM SCT090  
FM171700 22006KT P6SM VCSH SCT150

**ADEQUATE: LFRB/BES (BRETAGNE, FRANCE)**

**UTC +02:00**

LFRB 162000Z AUTO 04008KT CAVOK 21/15 Q1022 NOSIG

LFRB 161700Z 1618/1724 03010KT CAVOK  
BECMG 1705/1707 12010KT  
PROB40 TEMPO 1710/1715 13015G25KT  
BECMG 1715/1718 VRB05KT

TCC212C CYYZ-LFML (16-Jul-2022) #2

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/3 TRACKS FLS 320/400 INCLUSIVE  
JUL 17/0100Z TO JUL 17/0800Z  
PART ONE OF THREE PARTS-

T ELSIR 50/50 52/40 54/30 55/20 RESNO NETKI  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N333B N325A-

U JOOPY 49/50 51/40 53/30 54/20 DOGAL BEXET  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N271A N263A-

V MUSAK 4830/50 5030/40 5230/30 5330/20 NEBIN OLGON  
EAST LVLS 350 360 370 380 390  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N239A N231A-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 320/400 INCLUSIVE  
JUL 17/0100Z TO JUL 17/0800Z  
PART TWO OF THREE PARTS-

W NICSO 48/50 50/40 52/30 53/20 MALOT GISTI  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N211E N197A-

X OMSAT 4730/50 4930/40 5130/30 5230/20 TOBOR RILED  
EAST LVLS 350 360 370 380 390  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N183A N169A-

Y PORTI 47/50 49/40 51/30 52/20 LIMRI XETBO  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N155A N135A-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 320/400 INCLUSIVE  
JUL 17/0100Z TO JUL 17/0800Z  
PART THREE OF THREE PARTS-

## TCC212C CYYZ-LFML (16-Jul-2022) #2

Z SUPRY 46/50 48/40 50/30 51/20 DINIM ELSOX  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N93A N73A-

### REMARKS:

1.TMI IS 198 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

TRACK U

TRACK V

TRACK W

TRACK X

TRACK Y

END OF PBCS OTS.

4.AS PER NOTAM H1586/22,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](http://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.

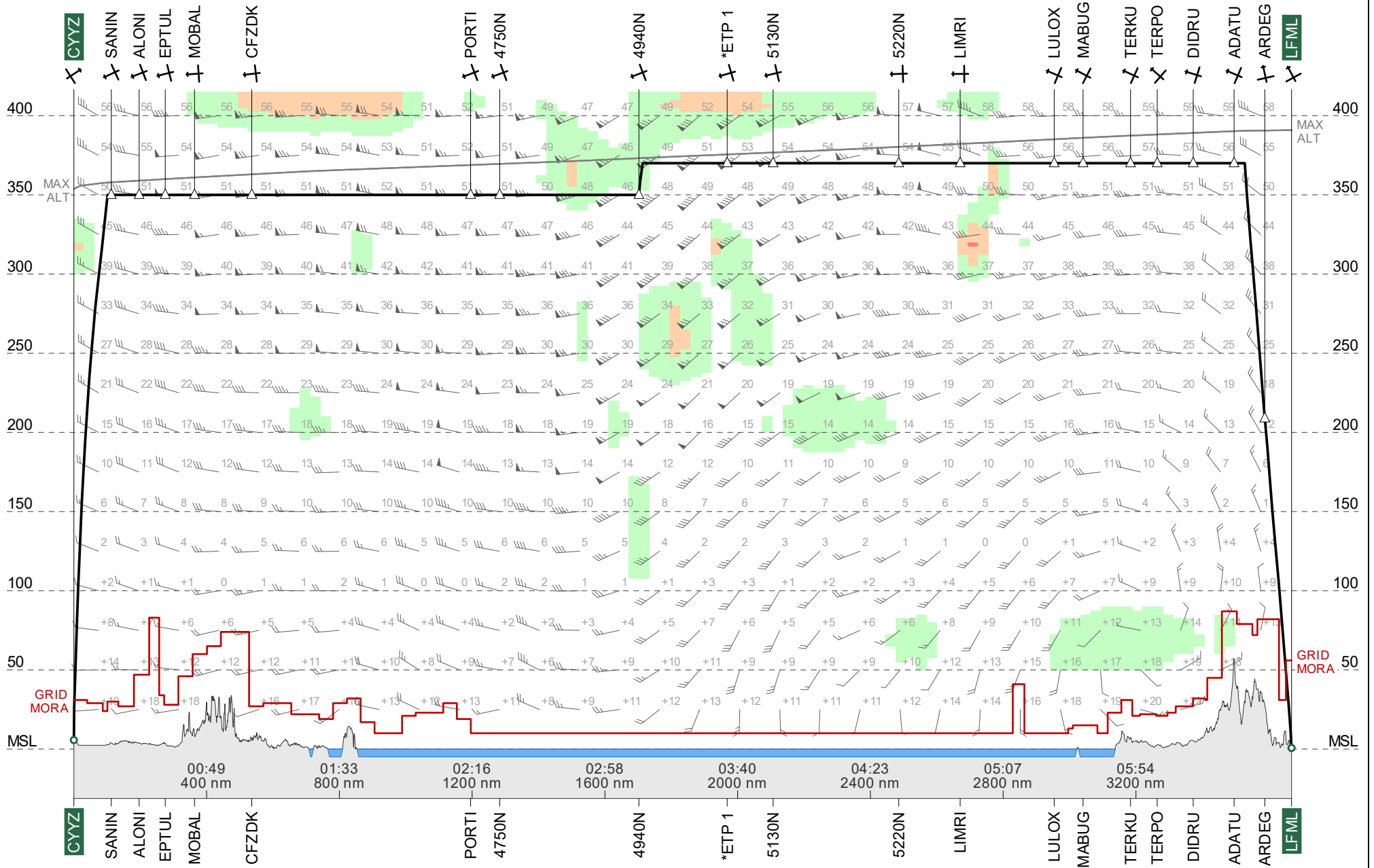
9.SEND RCL 90 MINUTES PRIOR TO OCEAN ENTRY POINT.-

END OF PART THREE OF THREE PARTS)

# TR212C #2

## CYYZ → LFML

ETD 16 Jul 21:55z  
PJTGH B77W

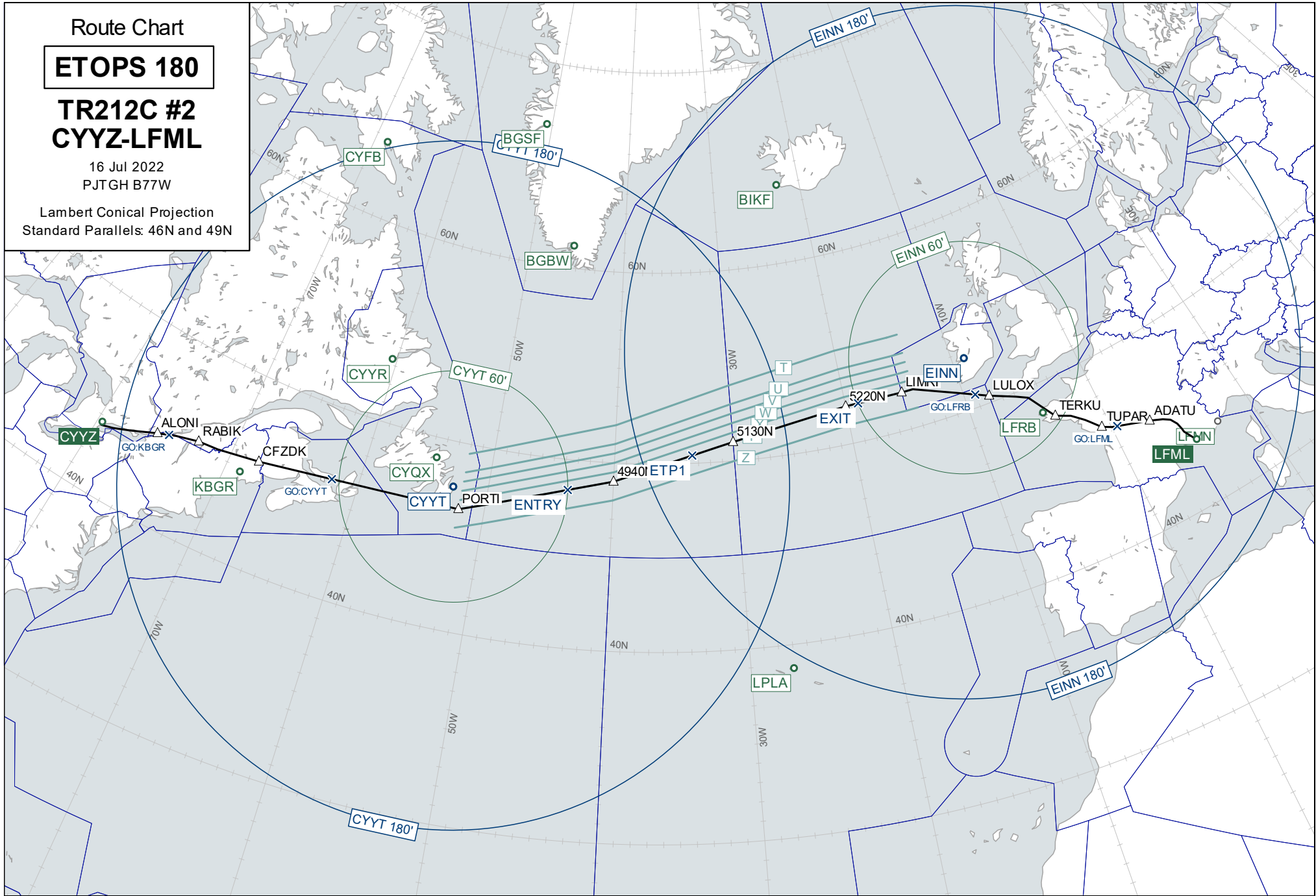


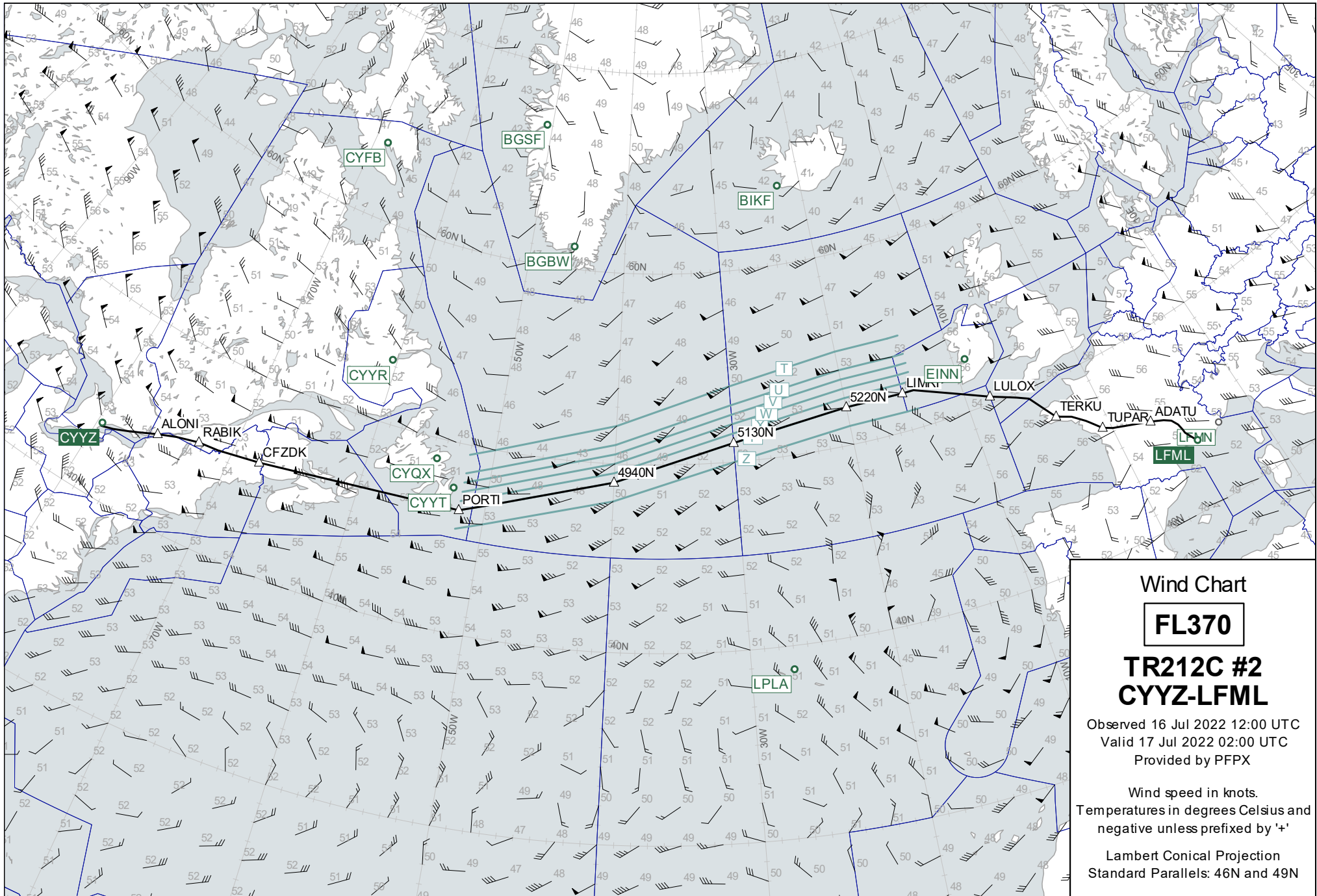
Route Chart

**ETOPS 180**  
**TR212C #2**  
**CYYZ-LFML**

16 Jul 2022  
PJTGH B77W

Lambert Conical Projection  
Standard Parallels: 46N and 49N





Wind Chart

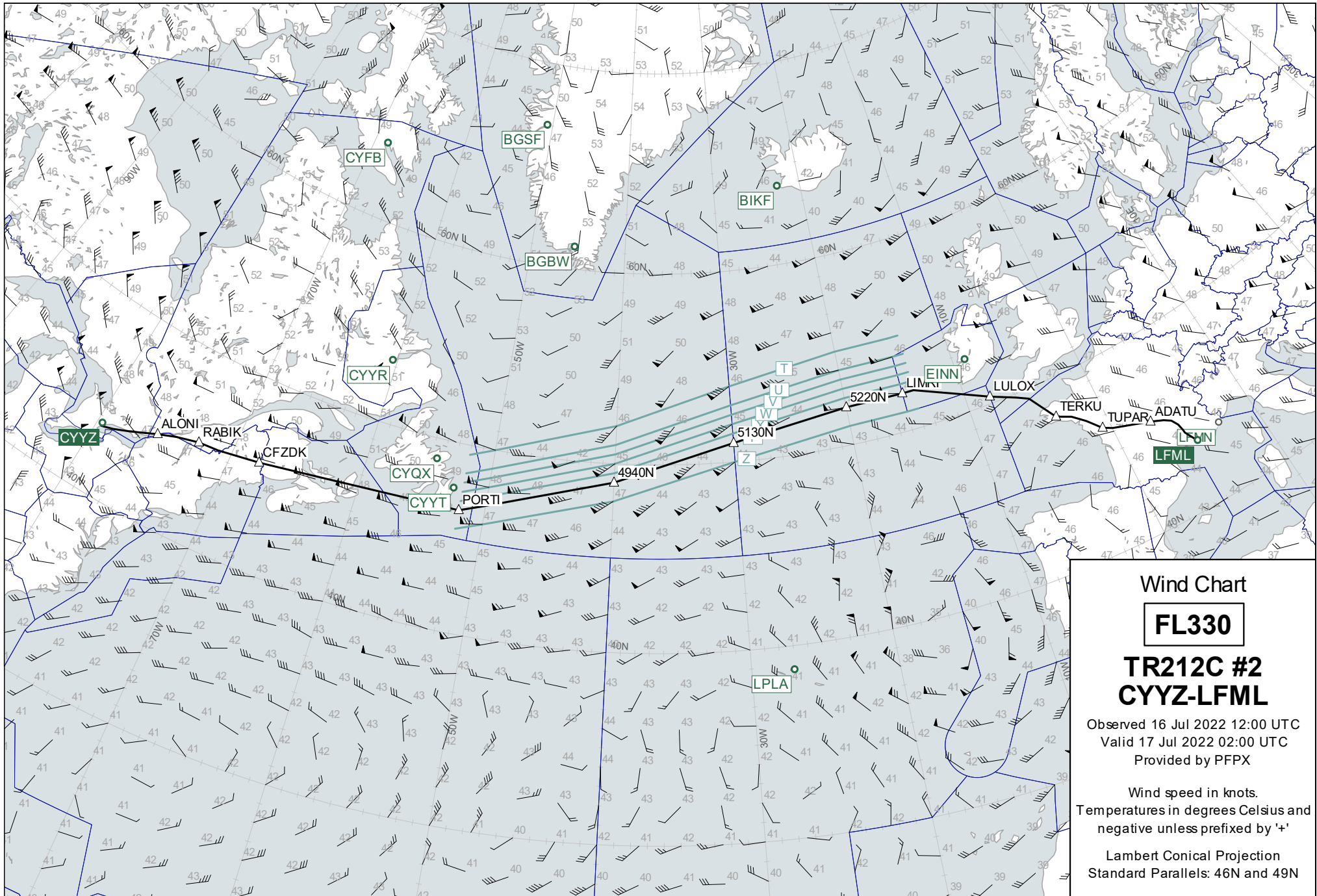
**FL370**

**TR212C #2  
CYYZ-LFML**

Observed 16 Jul 2022 12:00 UTC  
Valid 17 Jul 2022 02:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 46N and 49N



Wind Chart

**FL330**

**TR212C #2  
CYYZ-LFML**

Observed 16 Jul 2022 12:00 UTC

Valid 17 Jul 2022 02:00 UTC

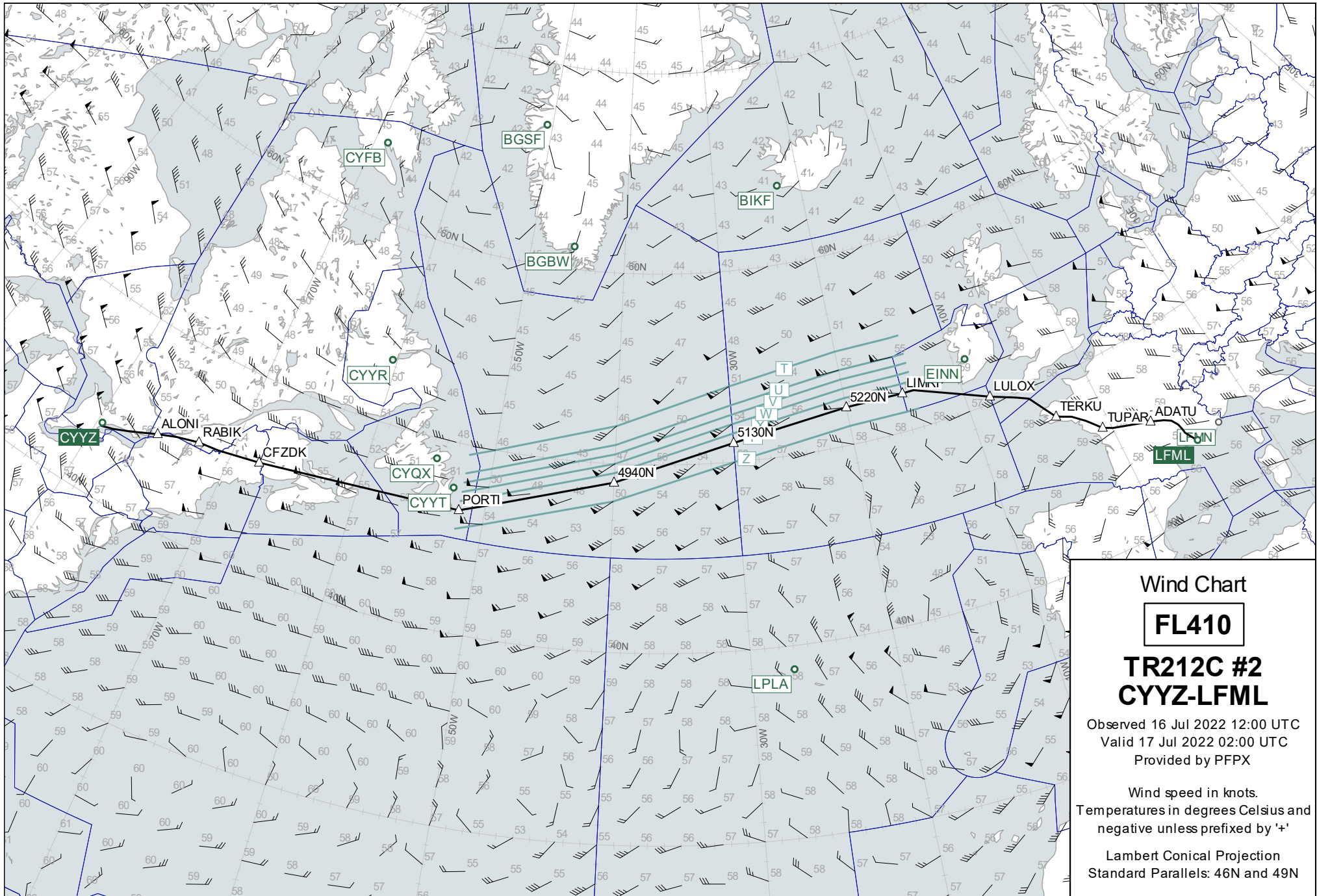
Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection  
Standard Parallels: 46N and 49N





Wind Chart

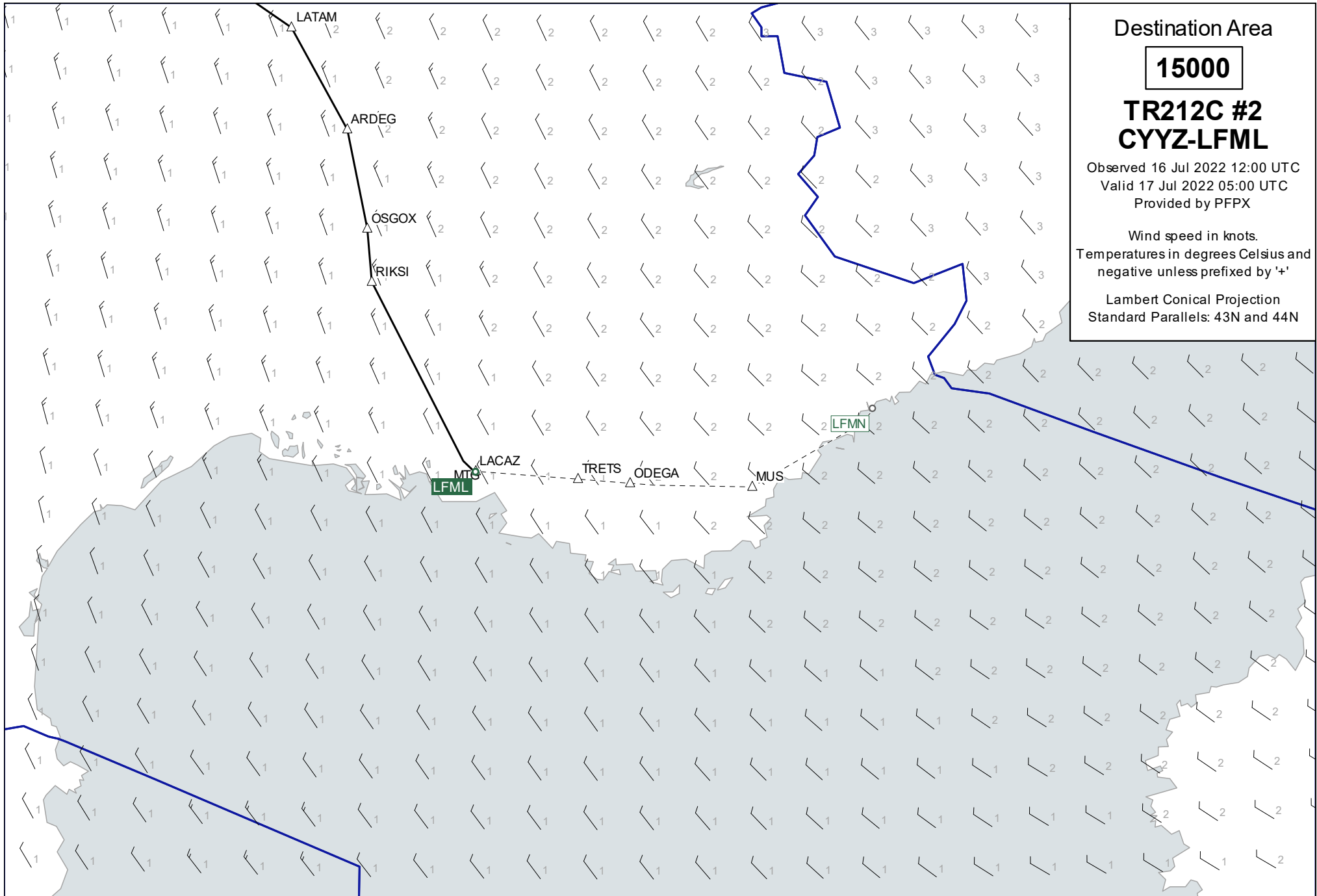
**FL410**

**TR212C #2  
CYYZ-LFML**

Observed 16 Jul 2022 12:00 UTC  
Valid 17 Jul 2022 02:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 46N and 49N



# Plotting Chart

## TR212C #2 CYYZ-LFML

16 Jul 2022  
PJTGH B77W

Lambert Conical Projection  
Standard Parallels: 49N and 51N

