



**Tradewind VA**



**Flight Briefing Package**

**TCC212D CYYZ-LFML**

**16-Jul-2022 #1**

RELEASE #1

LESTER B PEARSON INTL  
(CANADA)

-

MARSEILLE/PROVENCE  
(FRANCE)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

16 JUL 2020 UTC

**TCC212D CYYZ-LFML (16-Jul-2022) #1**

TRADEWIND PACIFIC FLIGHTPLAN - IFR TCC212D FOHGH CYYZ-LFML

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 16JUL/2200Z  
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OPF 1 - PREPARED 16JUL/2020Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR212D/TCC212D FOHGH/B777-300ER SEL/AGAH 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: 3310 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	351	0	34749	35392 ZFW	<b>MAX</b>	237682	351534	251290
						<b>PLN</b>	202290	266459	215565
						<b>ACT</b>	.....	.....	.....

	<b>FUEL</b>	<b>CORR</b>	<b>ENDUR</b>	
TRIP	50894	.....	07:00	
CONT 5%	2545	.....	00:26	
ALTN LFMN	3147	.....	00:24	
FINAL RESV	2990	.....	00:30	
HOLD	1993	.....	00:20	
ADD FUEL	1105	.....	00:10	
<b>MIN T/O</b>	<b>62674</b>	.....	08:49	.....
EXTRA	1495	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	510	.....	00:15	
<b>RELEASE</b>	<b>64679</b>	.....	09:19	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	12935	.....	01:55	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145524 KG / MAX EXTRA FUEL 37220 KG LIM BY LDW  
 TRIP CORR FOR 5000 KG TOW INCR: +753 KG / 5000 KG TOW DECR: -797 KG  
 2000 FT LOWER: +1027 KG / EET 06:58 CLB: 250/310/.84 DES: .84/280/250

-----  
 CYYZ **STD** 22:00Z/18:00L **ETD** 22:00Z ACT OFBL .... **EST T/O** 22:15Z ACT T/O ....  
 LFML **STA** 06:25Z/08:25L **ETA** 05:25Z ACT ONBL .... **EST LDG** 05:15Z ACT LDG ....  
       **SKD** 08:25           **PLN** 07:25 TTL BLCK .... **EST FLT** 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 (02:01-04:20)  
 EINN (03:33-04:20)

-----  
**ONE ENGINE OUT ETP 1 FOR CYYT/EINN** N50 16.6 W034 14.6 EET 03:34  
 .84/310/250 DESC TO FL370 CRUISE AT .84 167 NM BEFORE 5130N  
 PLN FUEL OVER ETP 34555 ETP FUEL REQ 15968 DIV TIME 01:45

## TCC212D CYYZ-LFML (16-Jul-2022) #1

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 954 NM WC TL059 TT 071

**ONE ENGINE OUT DECOMP ETP 1 FOR CYYT/EINN** N50 25.2 W033 28.8 EET 03:37  
 .84/280/250 DESC TO FL100 CRUISE AT .84 137 NM BEFORE 5130N  
 PLN FUEL OVER ETP 34176 ETP FUEL REQ 20466 DIV TIME 02:28  
 ETP TO CYYT (N47 37.1 W052 45.2) DIST 776 NM WC HD028 TT 265  
 ETP TO EINN (N52 42.1 W008 55.5) DIST 923 NM WC TL026 TT 072

**ALL ENGINE DECOMP ETP 1 FOR CYYT/EINN** N50 25.2 W033 28.8 EET 03:37  
 .84/280/250 DESC TO FL100 CRUISE AT LRC 137 NM BEFORE 5130N  
 PLN FUEL OVER ETP 34176 ETP FUEL REQ 19748 DIV TIME 02:28  
 ETP TO CYYT (N47 37.1 W052 45.2) DIST 776 NM WC HD028 TT 265  
 ETP TO EINN (N52 42.1 W008 55.5) DIST 923 NM WC TL026 TT 072

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**ATC ROUTE:** N0491F350 DEDKI5 OLABA Q951 TALNO Q929 EPTUL Q951 DANOL N889A PORTI  
 NATY 51N030W/M085F370 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 3147 - MTG G701 BIRGO BIRG7R

MOST CRITICAL MORA 8700 FT AT ADATU

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WND/SPD	FREQ WIND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
	CYYZ/23		569	031				64.2 / 0.5			
	LESTER B PEARSON INT						3669	N4341.6 W07938.1	...../.....		
DEDKI5	SAVUR	180	*CLB	031			13	62.3 / 2.4	04	00.04	
				P09	272/009		3656	N4330.2 W07935.2	...../.....		
DEDKI5	SEKIT	085	*CLB	031			7	61.9 / 2.8	01	00.05	
				P09	291/013		3649	N4332.0 W07925.7	...../.....		
DEDKI5	DEDKI	083	*CLB	031			32	60.5 / 4.1	05	00.10	
				P07	303/024		3616	N4341.4 W07843.1	...../.....		
DEDKI5	SANIN	078	FL350	030		492	60	58.9 / 5.8	07	00.17	
				P04	290/030	513	3556	N4404.7 W07725.9	...../.....		
DEDKI5	OLABA	077	FL350	030		491	58	58.0 / 6.7	06	00.23	
	-CZUL			P03	281/033	517	3498	N4428.6 W07612.2	...../.....		
Q951	ALONI	079	FL350	047		491	26	57.6 / 7.0	03	00.26	
				P03	279/036	521	3472	N4438.9 W07539.2	...../.....		
Q951	KATEK	082	FL350	047		491	5	57.6 / 7.1	01	00.27	
	-CZYZ			P03	279/036	522	3468	N4440.6 W07533.0	...../.....		
Q951	CFVXP	082	FL350	047		491	0	57.6 / 7.1	00	00.27	

**TCC212D CYYZ-LFML (16-Jul-2022) #1**

-KZBW				P03 279/036 522 3467	N4440.8 W07532.4	...../.....
Q951	DAVDA	082	FL350 047	491 8	57.4 / 7.2	01 00.28
				P03 279/037 522 3460	N4443.5 W07522.5	...../.....
	KBGR	082	FL350 083	25	57.1 / 7.6	03 00.31
				P03 300/049 3435	N4452.2 W07450.0	...../.....
Q951	SAVAL	083	FL350 083	491 6	57.0 / 7.7	00 00.31
				P03 277/039 525 3429	N4454.3 W07442.0	...../.....
Q951	CFWCD	083	FL350 083	491 15	56.8 / 7.9	02 00.33
				P03 276/041 526 3413	N4459.6 W07421.6	...../.....
Q951	TALNO	083	FL350 083	491 1	56.7 / 7.9	00 00.33
-CZUL				P03 276/041 527 3412	N4500.0 W07419.9	...../.....
Q929	EPTUL	089	FL350 034	491 19	56.5 / 8.2	02 00.35
				P03 274/043 529 3393	N4504.6 W07354.4	...../.....
Q951	RABIK	090	FL350 046	490 57	55.7 / 9.0	07 00.42
				P03 267/050 539 3337	N4517.9 W07236.6	...../.....
Q951	MOBAL	100	FL350 060	490 32	55.2 / 9.5	03 00.45
				P03 265/054 544 3305	N4520.3 W07151.8	...../.....
Q951	ANTOV	101	FL350 060	490 35	54.7 / 9.9	04 00.49
				P03 261/057 546 3270	N4522.6 W07102.3	...../.....
Q951	CFDMK	096	FL350 065	490 9	54.6 / 10.1	01 00.50
-KZBW				P03 261/057 547 3261	N4524.0 W07049.5	...../.....
Q951	CFHJP	096	FL350 065	490 4	54.6 / 10.1	01 00.51
				P03 261/058 548 3258	N4524.6 W07044.4	...../.....
Q951	KERVO	096	FL350 065	490 4	54.5 / 10.2	00 00.51
-CZUL				P03 261/058 548 3253	N4525.3 W07038.4	...../.....
Q951	CFXBH	096	FL350 065	490 0	54.5 / 10.2	00 00.51
-KZBW				P03 261/058 548 3253	N4525.3 W07037.7	...../.....
Q951	CFZDK	096	FL350 074	489 120	52.8 / 11.8	13 01.04
				P03 262/066 554 3133	N4541.8 W06748.2	...../.....
Q951	DANOL	100	FL350 027	489 1	52.8 / 11.9	00 01.04
-CZQM				P03 262/066 556 3132	N4541.9 W06747.3	...../.....
	CYYT	096	FL350 029	240	49.6 / 15.1	26 01.30
				P03 258/070 2892	N4614.6 W06204.9	...../.....
N889A	*BDRY	102	FL350 032	489 166	47.4 / 17.3	18 01.48
-CZQX				P03 279/071 560 2726	N4627.1 W05804.8	...../.....
N889A	PORTI	105	FL350 029	490 252	44.1 / 20.6	27 02.15
				P03 268/069 559 2473	N4630.0 W05200.0	...../.....

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

## TCC212D CYYZ-LFML (16-Jul-2022) #1

[ ] 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	42.9 / 21.8	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	FL350	010	493	419	37.5 / 27.2	45	03.09
	49N040W			P06	234/090	573 1966	N4900.0 W04000.0	...../.....	

	<b>*ETP 1</b>	083	FL350	010	492	267	34.2 / 30.5	28	03.37
	CYYT/EINN			P06	230/091	574 1699	N5025.2 W03328.8	...../.....	

NATY	<b>5130N</b>	086	*CLB	010	137		32.5 / 32.2	14	03.51
-EGGX	51N030W			P06	237/077	1562	N5100.0 W03000.0	...../.....	

NATY	<b>*TOC</b>	088	FL370	010	488	11	32.2 / 32.4	01	03.52
				P04	239/078	562 1551	N5102.5 W02943.0	...../.....	

NATY	<b>5220N</b>	088	FL370	010	489	368	27.7 / 37.0	40	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 / 39.3	21	04.53
				P03	289/052	539 998	N5200.0 W01500.0	...../.....	

NATY	<b>XETBO</b>	095	FL370	010	488	37	24.9 / 39.8	04	04.57
-EISN				P02	290/050	536 961	N5200.0 W01400.0	...../.....	

DCT	<b>*BDRY</b>	116	FL370	041	488	156	22.9 / 41.8	17	05.14
-EGGX				P02	269/034	520 805	N5100.0 W01008.7	...../.....	

	<b>LFRB</b>	118	FL370	010		45	22.3 / 42.4	06	05.20
				P02	301/021	760	N5041.3 W00903.9	...../.....	

DCT	<b>LULOX</b>	118	FL370	010	489	45	21.7 / 43.0	05	05.25
-EGTT				P02	265/026	513 715	N5022.0 W00800.0	...../.....	

N12	<b>TESDO</b>	115	FL370	010	488	37	21.2 / 43.5	04	05.29
				P02	260/026	511 678	N5007.4 W00707.0	...../.....	

N12	<b>IDOKI</b>	116	FL370	015	488	39	20.7 / 44.0	05	05.34
				P02	261/026	511 639	N4951.6 W00611.7	...../.....	

N12	<b>MABUG</b>	116	FL370	015	488	11	20.5 / 44.2	01	05.35
				P02	262/026	511 628	N4947.1 W00556.2	...../.....	

N12	<b>DOLUR</b>	119	FL370	015	488	39	20.0 / 44.7	05	05.40
				P01	266/025	510 589	N4929.1 W00503.4	...../.....	

DCT	<b>*BDRY</b>	148	FL370	015	488	2	20.0 / 44.7	00	05.40
-LFFF				P01	265/026	509 587	N4927.2 W00501.5	...../.....	

**TCC212D CYYZ-LFML (16-Jul-2022) #1**

DCT	TERKU	148	FL370	031	487	102	18.6 / 46.1	12	05.52	
				P01 264/032	501	485	N4801.8 W00337.0	...../.....		
DCT	KORER	115	FL370	031	487	50	18.0 / 46.7	06	05.58	
				P00 269/029	514	435	N4741.1 W00230.1	...../.....		
UM616	TERPO	131	FL370	022	487	31	17.6 / 47.1	04	06.02	
				P00 270/026	507	405	N4720.9 W00155.7	...../.....		
UM616	NTS	131	FL370	021	<b>115.50</b>	487	17	17.3 / 47.3	02	06.04
	NANTES ATLANTIQUE			P00 271/025	507	388	N4709.7 W00136.8	...../.....		
UM616	USODA	138	FL370	023	487	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	16.6 / 48.1	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	488	106	14.5 / 50.1	13	06.29	
				P02 293/029	516	173	N4532.2 E00249.5	...../.....		
DCT	*TOD	112	FL370	087	489	32	14.1 / 50.6	04	06.33	
				P02 298/030	519	141	N4519.7 E00331.3	...../.....		
DCT	LERGA	112	*DES	079		11	14.1 / 50.6	01	06.34	
				P05 309/031		131	N4515.4 E00345.0	...../.....		
LERG1R	LATAM	121	*DES	079		25	14.0 / 50.6	03	06.37	
				P08 320/025		106	N4502.0 E00414.4	...../.....		
LERG1R	ARDEG	148	*DES	082		25	14.0 / 50.7	04	06.41	
				P12 329/018		81	N4440.2 E00432.3	...../.....		
LERG1R	*BDRY	166	*DES	082		6	13.9 / 50.7	01	06.42	
-LFMM				P13 331/017		75	N4434.5 E00434.0	...../.....		
LERG1R	OSGOX	166	*DES	082		16	13.9 / 50.8	03	06.45	
				P13 338/014		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 / 51.4	13	07.00	
	MARSEILLE/PROVENCE						N4326.5 E00512.2	...../.....		

**TCC212D CYYZ-LFML (16-Jul-2022) #1**

WIND INFORMATION - OBS 16/JUL 12:00

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<b>(CLIMB)</b>			<b>ALONI</b>			<b>RABIK</b>			<b>CFZDK</b>		
FL340	305/033	-48	FL390	281/039	-56	FL390	266/053	-56	FL390	262/068	-56
FL270	301/026	-32	FL370	280/038	-54	FL370	266/053	-54	FL370	262/069	-54
FL200	299/023	-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	266/009	+11	FL310	284/035	-42	FL310	271/049	-42	FL310	265/061	-42

<b>PORTI</b>			<b>4940N</b>			<b>5220N</b>			<b>LIMRI</b>		
FL390	268/065	-52	FL390	234/076	-48	FL410	274/055	-57	FL410	285/044	-57
FL370	268/067	-52	FL370	234/083	-48	FL390	274/061	-57	FL390	287/052	-58
FL350	269/069	-51	FL350	235/091	-48	FL370	273/060	-53	FL370	289/053	-54
FL330	268/067	-48	FL330	234/095	-46	FL350	272/058	-49	FL350	291/052	-49
FL310	267/061	-43	FL310	233/097	-42	FL330	270/055	-44	FL330	283/048	-44

<b>LULOX</b>			<b>DOLUR</b>			<b>TERKU</b>			<b>USODA</b>		
FL410	271/027	-58	FL410	272/024	-58	FL410	268/026	-58	FL410	272/025	-59
FL390	269/027	-58	FL390	270/025	-58	FL390	266/029	-59	FL390	273/023	-60
FL370	266/027	-55	FL370	266/026	-55	FL370	265/032	-56	FL370	273/026	-56
FL350	261/026	-51	FL350	263/028	-51	FL350	264/036	-51	FL350	273/029	-51
FL330	258/027	-46	FL330	262/030	-47	FL330	264/036	-47	FL330	272/029	-46

<b>ADATU</b>			<b>(DESCENT)</b>		
FL410	284/034	-58	FL360	306/035	-52
FL390	288/031	-59	FL290	317/029	-35
FL370	294/030	-55	FL210	324/020	-15
FL350	301/029	-50	FL140	327/017	0
FL330	306/028	-46	FL070	354/015	+15

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**END FLIGHTPLAN 01210 TCC212D FOHGH CYYZ-LFML 16JUL2022**

## TCC212D CYYZ-LFML (16-Jul-2022) #1

### [ATC FLIGHTPLAN]

(FPL-TCC212D-IS

-B77W/H-SDE1FGHIJ1M1RWXY/LB2

-CYYZ2200

-N0491F350 DEDKI5 OLABA Q951 TALNO Q929 EPTUL Q951 DANOL N889A  
PORTI NATY 51N030W/M085F370 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/FOHGH

EET/CZUL0023 KZBW0027 CZUL0033 KZBW0051 CZQM0104 CZQX0148

47N050W0224 49N040W0309 EGGX0351 52N020W0432 LIMRI0453 EISN0453

XETB00457 EGGX0514 LULOX0525 EGTT0525 LFFF0540 LFMM0642

SEL/AGAH CODE/3B77CD RVR/75 OPR/TRADEWIND PACIFIC

ORGN/NTAATPCP PER/D

RALT/CYYT EINN

RMK/TCAS

-E/0904)



## TCC212D CYYZ-LFML (16-Jul-2022) #1

[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

**TCC212D CYYZ-LFML (16-Jul-2022) #1**

**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

TCC212D CYYZ-LFML (16-Jul-2022) #1

[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 NICS0 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-

## TCC212D CYYZ-LFML (16-Jul-2022) #1

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

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.

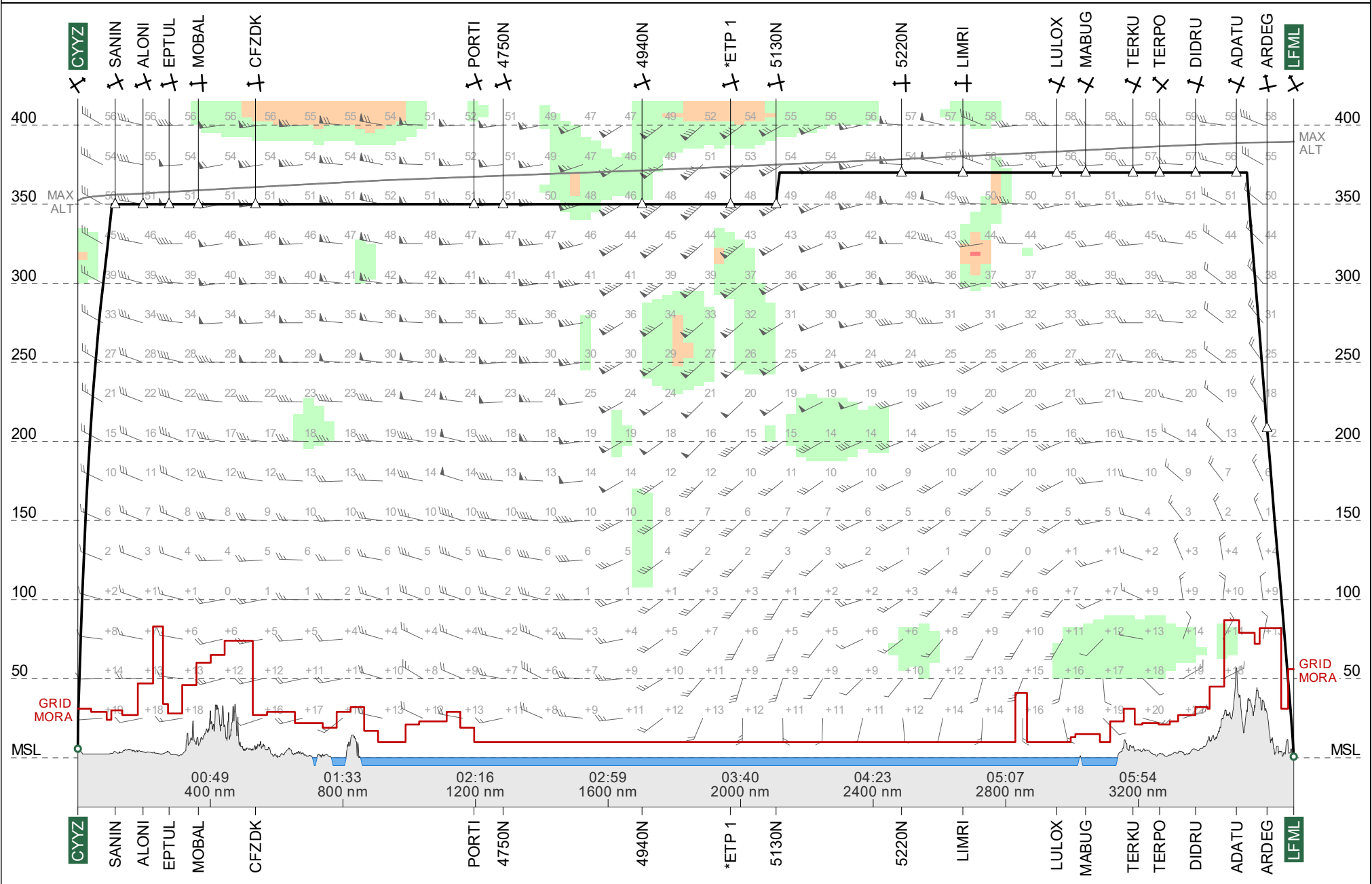
9.SEND RCL 90 MINUTES PRIOR TO OCEAN ENTRY POINT.-

END OF PART THREE OF THREE PARTS)

# TR212D #1

## CYYZ → LFML

ETD 16 Jul 22:00z  
FOHGH B77W



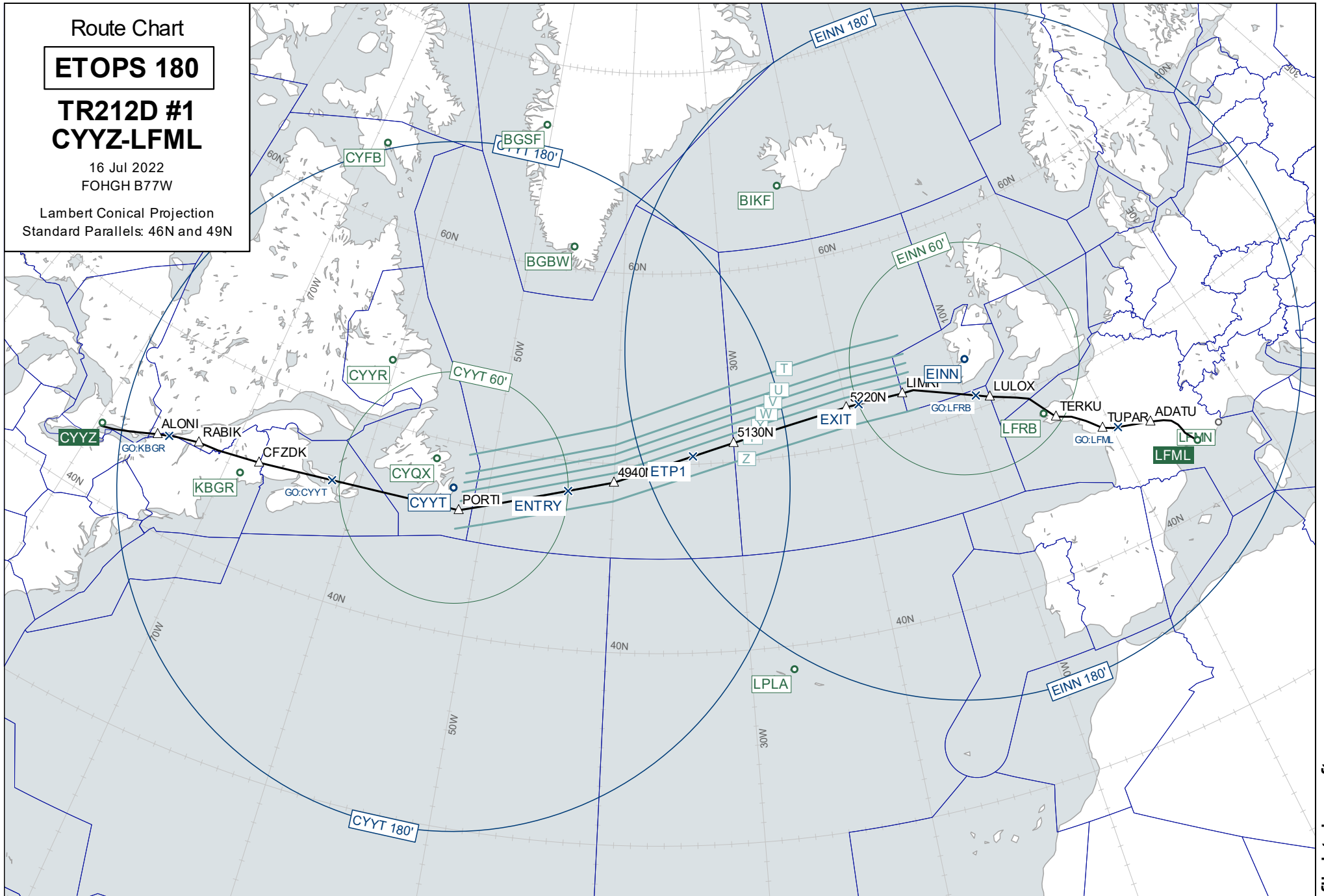
Route Chart

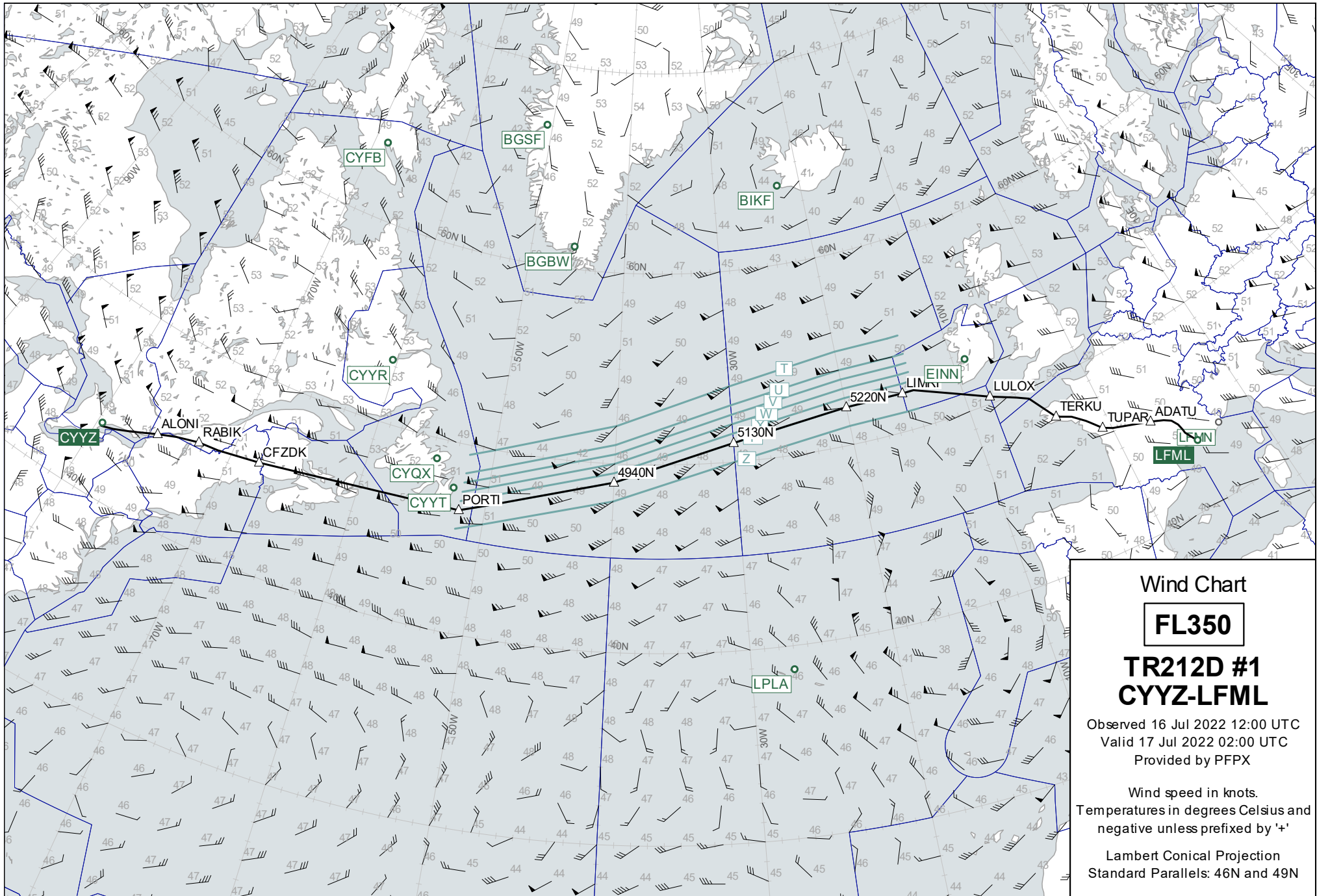
**ETOPS 180**

**TR212D #1**  
**CYYZ-LFML**

16 Jul 2022  
FOHGH B77W

Lambert Conical Projection  
Standard Parallels: 46N and 49N





Wind Chart

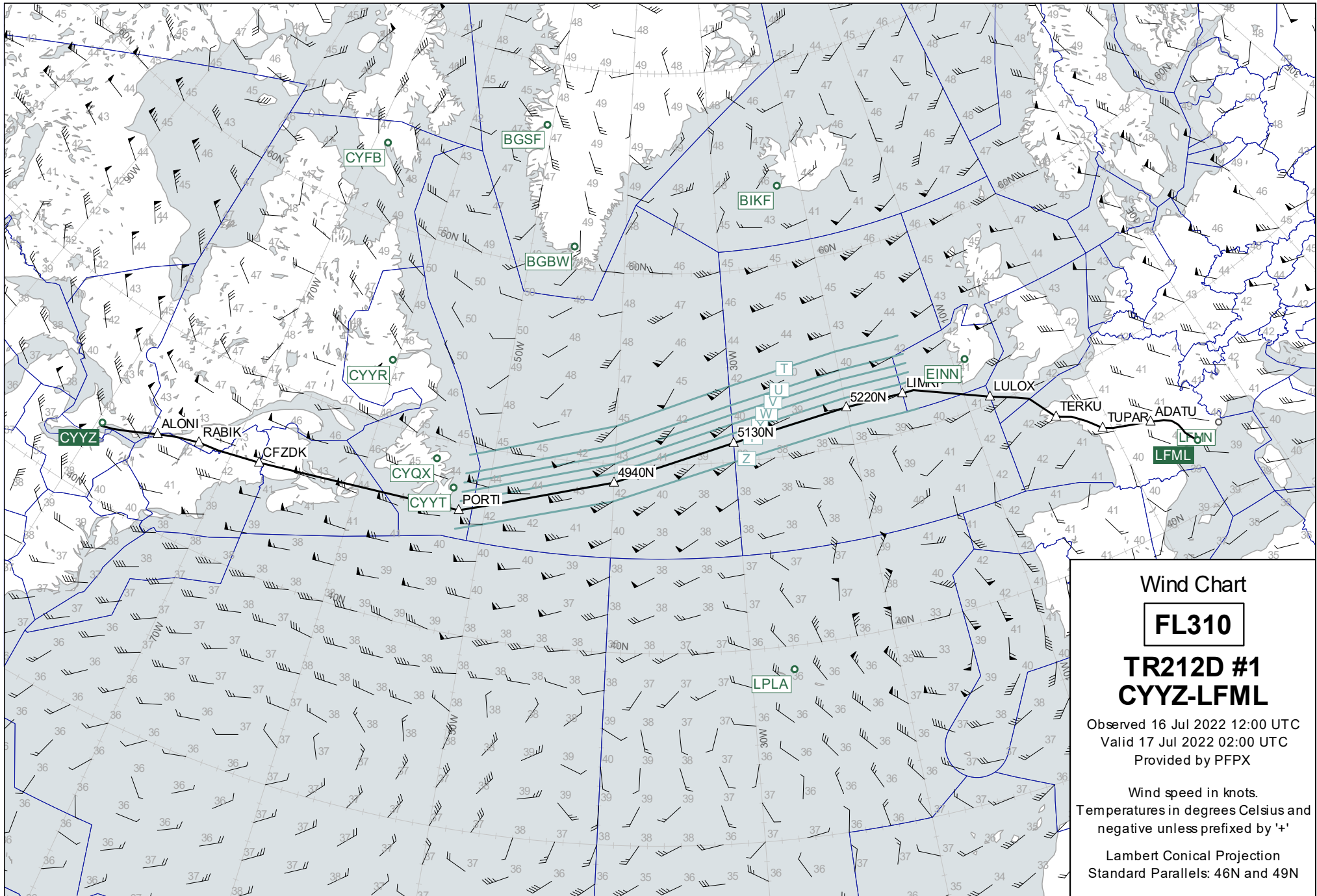
**FL350**

**TR212D #1  
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

**FL310**

**TR212D #1**

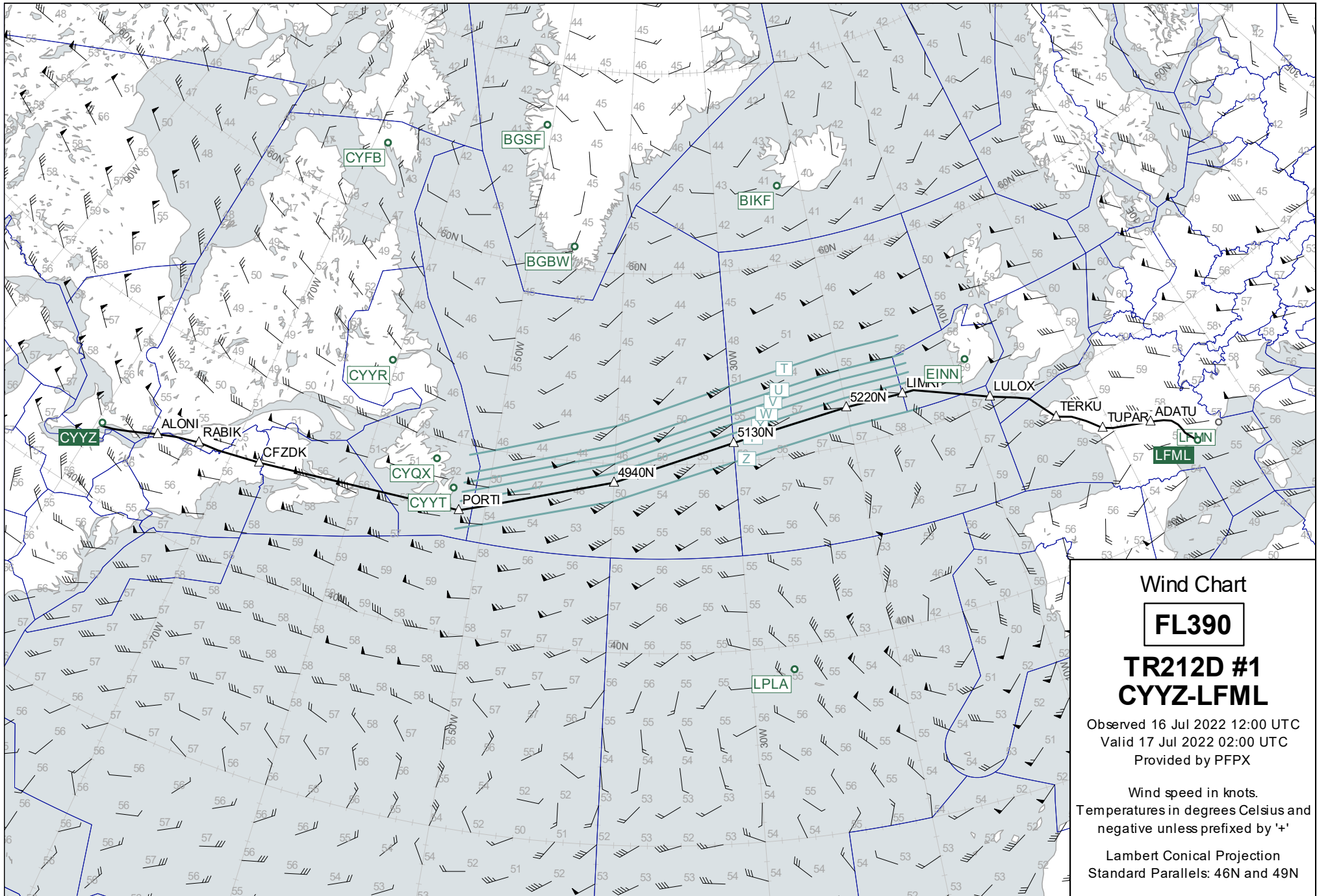
**CYYZ-LFML**

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

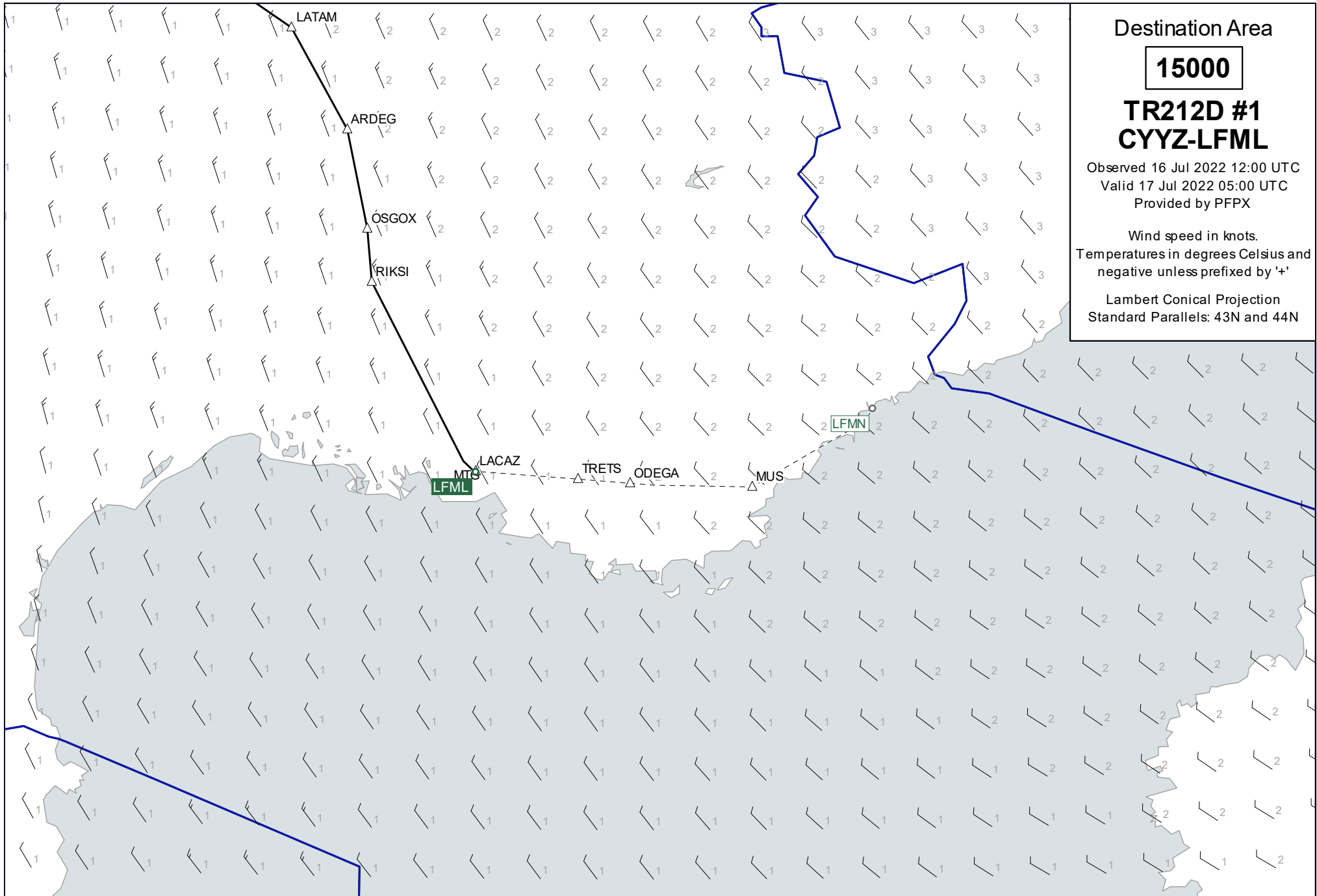
**FL390**

**TR212D #1  
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



Destination Area

**15000**

**TR212D #1**  
**CYYZ-LFML**

Observed 16 Jul 2022 12:00 UTC  
Valid 17 Jul 2022 05:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 43N and 44N

# Plotting Chart

## TR212D #1 CYYZ-LFML

16 Jul 2022

FOHGH B77W

Lambert Conical Projection  
Standard Parallels: 49N and 51N

