



## **Flight Briefing Package**

**TCC212B KMIA-LHBP**

**15-Jul-2023 #1**

RELEASE #1

MIAMI INTL  
(UNITED STATES)

-

LISZT FERENC INTL  
(HUNGARY)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

15 JUL 2002 UTC

**TCC212B KMIA-LHBP (15-Jul-2023) #1**

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC212B PJTGD KMIA-LHBP

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 15JUL/2150Z  
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OPF 1 - PREPARED 15JUL/2002Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR212B/TCC212B PJTGD/B777-2LR GE SEL/EFAD ROUTE: KMIALHBP01

DEP: KMIA/MIA 09 ELEV 9 FT COST INDEX: 250 TTL G/C DIST: 4650 NM  
 ARR: LHBP/BUD 31R ELEV 496 FT INIT ALT: FL350 TTL F/P DIST: 4835 NM  
 FUEL BIAS: 102.5% TTL AIR DIST: 4555 NM  
 AVG WIND CMP: TL030 KT

ALT: LOWW/VIE 16 ELEV 600 FT 183 NM

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CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156746	266	0	26334	24665 LDW	MAX 209106	311616	223167
						PLN 183080	263744	198502
						ACT .....	.....	.....

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 \*\* TAKE-OFF DATA KMIA 09 \*\*

COND: 263744 KG // RWY DRY // +30•C Q1017 200/08 // LMT: STRUCT  
 CONFIG: FLAPS 5 // D-T01 +49C // A/I OFF/AUTO // A/C ON  
 SPEEDS: V1=156 VR=159 V2=162  
 ENG OUT: AT 12 DME 'DHP' 113.9 RT TO 'LUVLY' [14 DME R 130 'DHP' 113.9] (310 INBD,LT)

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	<b>FUEL</b>	<b>CORR</b>	<b>ENDUR</b>	
TRIP	65242	.....	09:25	
CONT 5%	3262	.....	00:32	
ALTN LOWW	4153	.....	00:42	
FINAL RESV	3105	.....	00:30	
HOLD	2071	.....	00:20	
ADD FUEL	1278	.....	00:10	
<b>MIN T/O</b>	<b>79111</b>	.....	11:39	.....
EXTRA	1553	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
<b>RELEASE</b>	<b>81669</b>	.....	12:09	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	14752	.....	02:18	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 26218 KG LIM BY LDW  
 TRIP CORR FOR 4000 KG TOW INCR: +760 KG / 4000 KG TOW DECR: -930 KG  
 2000 FT LOWER: +1300 KG / EET 09:22 CLB: 250/310/84 DES: 84/320/250

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KMIA	STD 21:50Z/17:50L	ETD 21:50Z	ACT OFBL ....	EST T/O 22:05Z	ACT T/O ....
LHBP	STA 07:40Z/09:40L	ETA 07:40Z	ACT ONBL ....	EST LDG 07:30Z	ACT LDG ....
	SKD 09:50	PLN 09:50	TTL BLCK ....	EST FLT 09:25	TTL FLT ....

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (CYQX) 221 NM BEFORE 5440N N52 56.6 W045 54.5 EET 04:34

## TCC212B KMIA-LHBP (15-Jul-2023) #1

ETOPS EXIT (EINN) 4 NM BEFORE 5320N N53 00.9 W020 06.0 EET 06:19

### ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

CYQX (03:38-05:20)  
 BIKF (04:53-05:40)  
 EINN (05:16-05:40)

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**ONE ENGINE OUT ETP 1 FOR CYQX/BIKF** N54 04.9 W037 19.6 EET 05:10  
 1E084/320 DESC TO FL279 CRUISE AT 1E0320 259 NM BEFORE 5430N  
 PLN FUEL OVER ETP 40836 ETP FUEL REQ 16808 DIV TIME 01:38  
 ETP TO CYQX (N48 56.2 W054 34.1) DIST 713 NM WC HD033 TT 251  
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 746 NM WC HD007 TT 031

**ONE ENGINE OUT DECOMP ETP 1 FOR CYQX/BIKF** N54 05.5 W036 46.4 EET 05:12  
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 239 NM BEFORE 5430N  
 PLN FUEL OVER ETP 40594 ETP FUEL REQ 17574 DIV TIME 02:03  
 ETP TO CYQX (N48 56.2 W054 34.1) DIST 732 NM WC HD018 TT 252  
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 735 NM WC HD009 TT 030

**ALL ENGINE DECOMP ETP 1 FOR CYQX/BIKF** N54 05.5 W036 46.4 EET 05:12  
 84/320/250 DESC TO FL100 CRUISE AT AE320 239 NM BEFORE 5430N  
 PLN FUEL OVER ETP 40594 ETP FUEL REQ 16775 DIV TIME 02:03  
 ETP TO CYQX (N48 56.2 W054 34.1) DIST 732 NM WC HD018 TT 252  
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 735 NM WC HD009 TT 030

**ONE ENGINE OUT ETP 2 FOR BIKF/EINN** N53 54.7 W028 35.0 EET 05:45  
 1E084/320 DESC TO FL285 CRUISE AT 1E0320 312 NM BEFORE 5320N  
 PLN FUEL OVER ETP 37026 ETP FUEL REQ 15092 DIV TIME 01:27  
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 633 NM WC HD026 TT 014  
 ETP TO EINN (N52 42.1 W008 55.5) DIST 707 NM WC TL026 TT 088

**ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/EINN** N53 51.8 W027 54.5 EET 05:47  
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 288 NM BEFORE 5320N  
 PLN FUEL OVER ETP 36735 ETP FUEL REQ 15454 DIV TIME 01:48  
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 630 NM WC HD017 TT 013  
 ETP TO EINN (N52 42.1 W008 55.5) DIST 684 NM WC TL014 TT 088

**ALL ENGINE DECOMP ETP 2 FOR BIKF/EINN** N53 51.8 W027 54.5 EET 05:47  
 84/320/250 DESC TO FL100 CRUISE AT AE320 288 NM BEFORE 5320N  
 PLN FUEL OVER ETP 36735 ETP FUEL REQ 14749 DIV TIME 01:48  
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 630 NM WC HD017 TT 013  
 ETP TO EINN (N52 42.1 W008 55.5) DIST 684 NM WC TL014 TT 088

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**ATC ROUTE:** N0498F350 FOLZZZ ZFP AR24 JAZZI AR3 JRDAN AR19 CHIEZ Q133 KALDA Q131  
 ZJAAY Q167 EMJAY DCT ALLEX N437A TUDEP/M084F370 NATV GISTI DCT  
 BAKUR/N0497F390 DCT OKSAW DCT KONAN UL607 MATUG DCT BOMBI DCT BARSU  
 DCT EKSOS DCT LULAR DCT RUDAP DCT BUDEX DCT MAREG L175  
 XENAK/N0470F230 L175 ANEXA ANEX2H

### ALTERNATE PLANNING

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ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
LOWW/16	183	8000	071	HD002	00:42	4153	-	GILE2R GILEP DCT XOMBA P974

## TCC212B KMIA-LHBP (15-Jul-2023) #1

TABIN Q350 OKR M141 TOVKA  
TOVK3W

MOST CRITICAL MORA 7200 FT AT RUDAP

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA ISA	FREQ WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	KMIA/09 MIAMI INTL		9 030					80.7 / 1.0 N2547.2 W08018.7	...../.....	
FOLZZZ	JAMBA	106	*CLB 030 P13		215/004	4828	7 N2546.1 W08010.9	79.4 / 2.3	03 00.03 ...../.....	
FOLZZZ	KBOLA	126	*CLB 030 P13		204/003	4823	4 N2544.0 W08006.7	79.0 / 2.6	01 00.04 ...../.....	
FOLZZZ	MARCK	056	*CLB 035 P16		152/003	4789	34 N2606.4 W07938.3	77.4 / 4.3	05 00.09 ...../.....	
FOLZZZ	FOLZZ	062	*CLB 017 P15		054/003	4770	19 N2617.3 W07921.0	76.7 / 4.9	03 00.12 ...../.....	
FOLZZZ	ZFP FREEPORT	073	*CLB 036 P12		113.20 052/013	4732	39 N2633.3 W07841.9	75.6 / 6.0	04 00.16 ...../.....	
AR24	*TOC	016	FL350 036 P11		048/015	486 4723	8 N2641.6 W07840.6	75.4 / 6.2	01 00.17 ...../.....	
AR24	BRATZ	016	FL350 036 P11		042/015	485 4675	49 N2729.6 W07833.4	74.7 / 7.0	06 00.23 ...../.....	
	KILM	016	FL350 035 P11		349/010	4529	145 N2953.8 W07810.9	72.4 / 9.2	18 00.41 ...../.....	
AR24 -KZJX	*BDRY	017	FL350 010 P12		327/006	490 4516	13 N3006.5 W07808.9	72.2 / 9.4	02 00.43 ...../.....	
AR24	OHLAA	017	FL350 010 P12		303/007	494 4498	19 N3024.9 W07805.9	72.0 / 9.7	02 00.45 ...../.....	
AR24	COACH	017	FL350 010 P12		276/011	496 4457	41 N3105.1 W07759.6	71.3 / 10.3	05 00.50 ...../.....	
AR24	TYCAL	017	FL350 010 P12		276/011	497 4439	18 N3122.5 W07756.8	71.1 / 10.6	02 00.52 ...../.....	
AR24	JAZZI	017	FL350 010 P12		274/011	498 4408	31 N3153.5 W07751.8	70.6 / 11.1	04 00.56 ...../.....	
AR3	DIZNY	007	FL350 010 P12		276/011	496 4390	18 N3211.4 W07752.9	70.3 / 11.3	02 00.58 ...../.....	
AR3	FRRAM	007	FL350 010 P12		278/010	496 4377	14 N3224.9 W07753.7	70.1 / 11.5	02 01.00 ...../.....	
AR3	JRDAN	007	FL350 022			498 38		69.6 / 12.1	04 01.04	

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				P12	284/009	496	4339	N3302.7	W07755.9	...../.....
AR19	<b>SAGGY</b>	025	FL350	022		498	40	69.0 / 12.7	05	01.09
-KZDC				P12	288/014	498	4299	N3341.1	W07743.4	...../.....
AR19	<b>CHIEZ</b>	020	FL350	022		499	51	68.2 / 13.4	06	01.15
				P12	281/020	498	4248	N3431.1	W07732.4	...../.....
Q133	<b>BENCH</b>	036	FL350	032		498	71	67.2 / 14.5	09	01.24
				P12	276/029	506	4177	N3534.8	W07653.9	...../.....
Q133	<b>KOOKI</b>	037	FL350	028		498	22	66.9 / 14.8	03	01.27
				P12	271/030	508	4155	N3554.4	W07641.9	...../.....
Q133	<b>PYSTN</b>	039	FL350	028		498	81	65.7 / 16.0	09	01.36
				P12	271/034	512	4074	N3705.3	W07553.4	...../.....
	<b>KJFK</b>	027	FL350	019			8	65.6 / 16.1	01	01.37
				P11	245/033		4066	N3712.9	W07550.8	...../.....
Q133	<b>KALDA</b>	027	FL350	019		498	39	65.0 / 16.6	05	01.42
				P11	265/037	508	4027	N3750.5	W07537.6	...../.....
Q131	<b>ZJAAY</b>	046	FL350	022		497	15	64.8 / 16.8	01	01.43
				P11	264/039	521	4011	N3803.2	W07526.6	...../.....
Q167	<b>PAJET</b>	048	FL350	022		497	31	64.4 / 17.3	04	01.47
				P11	265/040	523	3980	N3828.1	W07503.0	...../.....
Q167	<b>CAANO</b>	053	FL350	022		497	5	64.3 / 17.3	00	01.47
				P11	265/040	525	3975	N3831.8	W07458.9	...../.....
Q167	<b>TBONN</b>	051	FL350	018		497	17	64.1 / 17.6	02	01.49
				P11	265/040	524	3958	N3845.1	W07445.1	...../.....
Q167	<b>ZIZZI</b>	054	FL350	018		497	15	63.9 / 17.8	02	01.51
				P11	266/040	526	3943	N3856.4	W07431.7	...../.....
Q167	<b>YAZUU</b>	052	FL350	022		497	37	63.4 / 18.3	04	01.55
-KZNY				P11	263/042	526	3906	N3924.8	W07401.0	...../.....
Q167	<b>TOPRR</b>	053	FL350	022		496	34	62.9 / 18.8	04	01.59
-KZBW				P10	258/043	529	3871	N3950.8	W07332.2	...../.....
Q167	<b>EMJAY</b>	053	FL350	031		496	19	62.6 / 19.0	03	02.02
-KZNY				P10	256/043	530	3852	N4005.6	W07315.7	...../.....
	<b>KBOS</b>	058	FL350	042			80	61.6 / 20.1	09	02.11
-KZBW				P10	247/044		3772	N4101.9	W07200.8	...../.....
DCT	<b>ALLEX</b>	059	FL350	042		494	301	57.5 / 24.2	34	02.45
-CZQM				P07	276/043	522	3471	N4425.0	W06700.0	...../.....
	<b>CYQX</b>	065	FL350	029			158	55.3 / 26.3	18	03.03
				P07	284/032		3313	N4606.6	W06408.6	...../.....
N437A	<b>*BDRY</b>	068	FL350	030		493	173	53.0 / 28.6	20	03.23
-CZQX				P06	217/047	537	3140	N4752.6	W06048.5	...../.....

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N437A TUDEP 071 \*CLB 041 356 48.5 / 33.2 39 04.02  
P06 259/055 2785 N5110.0 W05314.0 ...../.....

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

NATV 5250N 085 FL370 010 488 131 46.7 / 34.9 15 04.17  
52N050W P05 257/053 541 2654 N5200.0 W05000.0 ...../.....

----- ETOPS ENTRY (CYQX) 0221 NM BEFORE 5440N EET 04:34 -----

NATV 5440N 088 FL370 010 489 381 42.0 / 39.7 42 04.59  
54N040W P05 290/050 530 2273 N5400.0 W04000.0 ...../.....

\*ETP 1 102 FL370 010 489 114 40.6 / 41.1 13 05.12  
CYQX/BIKF P05 304/052 531 2159 N5405.5 W03646.4 ...../.....

NATV 5430N 103 FL370 010 489 239 37.6 / 44.0 27 05.39  
-EGGX 54N030W P04 318/066 534 1920 N5400.0 W03000.0 ...../.....

\*ETP 2 108 FL370 010 489 74 36.7 / 44.9 08 05.47  
BIKF/EINN P05 322/070 536 1846 N5351.8 W02754.5 ...../.....

----- ETOPS EXIT (EINN) 0004 NM BEFORE 5320N EET 06:19 -----

NATV 5320N 111 FL370 010 495 288 33.3 / 48.4 33 06.20  
53N020W P11 324/054 536 1558 N5300.0 W02000.0 ...../.....

NATV MALOT 096 FL370 010 499 181 31.0 / 50.6 20 06.40  
P14 313/024 518 1377 N5300.0 W01500.0 ...../.....

NATV GISTI 095 FL370 010 499 36 30.6 / 51.1 05 06.45  
-EISN P14 304/020 516 1341 N5300.0 W01400.0 ...../.....

DCT BAKUR 100 \*CLB 048 307 26.8 / 54.9 35 07.20  
-EGTT P13 238/029 1034 N5214.5 W00540.8 ...../.....

EGKK 102 FL390 038 38 26.2 / 55.5 05 07.25  
P13 237/037 996 N5207.1 W00439.6 ...../.....

DCT OKSAW 103 FL390 042 497 113 24.9 / 56.8 13 07.38  
P13 232/046 524 883 N5142.3 W00141.2 ...../.....

DCT KONAN 103 FL390 024 495 142 23.2 / 58.5 16 07.54  
-EBUR P11 230/071 532 740 N5107.9 E00200.0 ...../.....

UL607 KOK 094 FL390 019 114.50 495 25 22.9 / 58.7 03 07.57  
KOKSY P11 229/072 543 716 N5105.7 E00239.1 ...../.....

UL607 FERDI 105 FL390 022 494 39 22.5 / 59.2 04 08.01  
P09 229/079 531 677 N5054.8 E00338.2 ...../.....

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UL607	<b>BUPAL</b>	105	FL390	028	493	38	22.0 / 59.6	04	08.05
			P08	230/085	533	638	N5043.4 E00436.1	...../.....	
UL607	<b>REMBA</b>	105	FL390	028	492	12	21.9 / 59.8	02	08.07
			P08	230/087	534	626	N5039.7 E00454.9	...../.....	
	<b>EDDN</b>	106	FL390	028		0	21.9 / 59.8	00	08.07
			P06	240/079		625	N5039.5 E00455.9	...../.....	
UL607	<b>SPI</b>	106	FL390	036	<b>113.10</b>	492	21.6 / 60.1	03	08.10
	SPRIMONT		P07	231/089	535	597	N5030.9 E00537.4	...../.....	
UL607	<b>PELIX</b>	099	FL390	036	491	5	21.5 / 60.2	01	08.11
			P07	231/089	545	592	N5029.8 E00545.8	...../.....	
UL607	<b>MATUG</b>	099	FL390	043	491	24	21.2 / 60.4	02	08.13
	-EDVV		P06	232/090	545	568	N5025.0 E00622.2	...../.....	
DCT	<b>*BDRY</b>	100	FL390	043	491	7	21.2 / 60.5	01	08.14
	-EDUU		P06	232/090	545	561	N5023.6 E00632.8	...../.....	
DCT	<b>BOMBI</b>	100	FL390	043	490	89	20.2 / 61.5	10	08.24
			P06	232/083	542	472	N5003.4 E00848.0	...../.....	
DCT	<b>BARSU</b>	094	FL390	048	489	62	19.5 / 62.2	07	08.31
			P05	233/086	545	410	N4955.3 E01023.4	...../.....	
DCT	<b>EKSOS</b>	108	FL390	045	490	43	19.0 / 62.7	04	08.35
			P05	236/088	533	368	N4939.3 E01124.5	...../.....	
DCT	<b>LULAR</b>	104	FL390	051	490	56	18.4 / 63.3	06	08.41
	-LKAA		P06	240/085	543	312	N4922.0 E01245.5	...../.....	
DCT	<b>RUDAP</b>	106	FL390	072	491	21	18.1 / 63.5	03	08.44
			P06	241/081	541	291	N4914.5 E01315.9	...../.....	
DCT	<b>BUDEX</b>	108	FL390	072	491	46	17.6 / 64.1	05	08.49
			P06	245/070	536	245	N4856.9 E01420.2	...../.....	
	<b>LHBP</b>	108	FL390	055		22	17.4 / 64.3	02	08.51
			P06	244/075		223	N4848.2 E01451.9	...../.....	
DCT	<b>*BDRY</b>	108	FL390	055	471	2	17.3 / 64.3	01	08.52
	-LOVV		P05	248/066	514	220	N4847.3 E01455.1	...../.....	
DCT	<b>MAREG</b>	108	*DES	055		89	16.7 / 64.9	10	09.02
	-LZBB		P12	246/036		131	N4811.4 E01658.2	...../.....	
L175	<b>XENAK</b>	103	FL230	045	470	14	16.6 / 65.1	02	09.04
			P12	247/034	496	117	N4807.2 E01718.0	...../.....	
L175	<b>*TOD</b>	103	FL230	045	470	32	16.1 / 65.6	03	09.07
			P12	251/032	496	85	N4757.2 E01803.1	...../.....	
L175	<b>ANEXA</b>	103	*DES	045		19	16.0 / 65.6	03	09.10
			P14	248/024		67	N4751.3 E01829.2	...../.....	

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ANEX2H	<b>*BDRY</b>	142	*DES 045	6	16.0 / 65.7	01	09.11
-LHCC			P14 244/021	60	N4745.9 E01834.4	...../.....	
ANEX2H	<b>BP840</b>	142	*DES 045	5	16.0 / 65.7	01	09.12
			P13 240/020	55	N4741.4 E01838.7	...../.....	
ANEX2H	<b>BP841</b>	127	*DES 045	8	16.0 / 65.7	01	09.13
			P13 234/018	47	N4736.1 E01847.3	...../.....	
ANEX2H	<b>BP842</b>	127	*DES 045	7	15.9 / 65.7	01	09.14
			P13 226/017	40	N4731.2 E01855.4	...../.....	
ANEX2H	<b>BP843</b>	127	*DES 046	7	15.9 / 65.8	01	09.15
			P12 219/016	32	N4726.1 E01903.6	...../.....	
ANEX2H	<b>BP844</b>	127	*DES 046	8	15.8 / 65.8	02	09.17
			P12 214/012	24	N4720.5 E01912.8	...../.....	
ANEX2H	<b>ATICO</b>	127	*DES 046	11	15.7 / 65.9	02	09.19
			P12 202/008	13	N4713.4 E01924.2	...../.....	
ANEX2H	<b>LHBP/31R</b>	334	496 046	13	15.4 / 66.2	06	09.25
	LISZT FERENC INTL				N4725.4 E01917.6	...../.....	

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**TCC212B KMIA-LHBP (15-Jul-2023) #1**

**WIND INFORMATION - OBS 15/JUL 12:00**

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<b>(CLIMB)</b>	<b>BRATZ</b>	<b>OHLAA</b>	<b>DIZNY</b>
FL340 056/012 -40	FL390 031/020 -53	FL390 305/008 -53	FL390 289/012 -52
FL270 051/004 -24	FL370 035/018 -48	FL370 300/008 -48	FL370 282/012 -48
FL200 151/005 -9	FL350 042/016 -43	FL350 303/008 -43	FL350 276/011 -42
13000 194/004 +3	FL330 044/013 -38	FL330 306/009 -38	FL330 275/013 -37
6000 227/005 +16	FL310 034/009 -33	FL310 308/011 -32	FL310 278/017 -32

<b>CHIEZ</b>	<b>PYSTN</b>	<b>TBONN</b>	<b>EMJAY</b>
FL390 296/025 -53	FL390 270/033 -53	FL390 262/037 -53	FL390 264/044 -53
FL370 290/023 -47	FL370 270/034 -48	FL370 263/038 -49	FL370 261/044 -49
FL350 281/020 -42	FL350 271/034 -43	FL350 266/040 -43	FL350 257/043 -44
FL330 272/021 -37	FL330 267/033 -37	FL330 265/041 -38	FL330 255/042 -39
FL310 266/023 -32	FL310 255/030 -32	FL310 260/041 -33	FL310 257/039 -34

<b>ALLEX</b>	<b>5250N</b>	<b>5440N</b>	<b>5430N</b>
FL390 272/049 -57	FL410 254/046 -54	FL410 295/044 -53	FL410 321/059 -53
FL370 273/047 -53	FL390 255/054 -54	FL390 292/049 -53	FL390 319/064 -54
FL350 276/043 -48	FL370 257/054 -52	FL370 291/050 -51	FL370 318/066 -53
FL330 277/038 -42	FL350 261/052 -48	FL350 290/050 -49	FL350 318/068 -50
FL310 273/032 -37	FL330 261/049 -44	FL330 290/050 -45	FL330 318/066 -47

<b>5320N</b>	<b>MALOT</b>	<b>OKSAW</b>	<b>KONAN</b>
FL410 325/039 -46	FL410 314/021 -43	FL430 229/043 -44	FL430 230/061 -47
FL390 324/046 -45	FL390 313/024 -42	FL410 231/044 -44	FL410 230/066 -46
FL370 325/055 -46	FL370 313/025 -43	FL390 232/046 -43	FL390 230/071 -46
FL350 325/064 -46	FL350 314/025 -43	FL370 233/049 -45	FL370 232/074 -45
FL330 326/070 -46	FL330 313/024 -44	FL350 233/051 -46	FL350 233/077 -45

<b>BUPAL</b>	<b>BOMBI</b>	<b>EKSOS</b>	<b>BUDEX</b>
FL430 230/075 -49	FL430 230/080 -53	FL430 239/078 -54	FL430 248/063 -56
FL410 230/080 -49	FL410 232/082 -52	FL410 238/083 -53	FL410 246/067 -53
FL390 230/086 -48	FL390 233/084 -51	FL390 237/088 -51	FL390 245/071 -51
FL370 232/091 -47	FL370 236/082 -49	FL370 236/081 -49	FL370 243/069 -48
FL350 233/098 -46	FL350 239/079 -48	FL350 235/070 -47	FL350 240/067 -45

<b>XENAK</b>	<b>(DESCENT)</b>
FL270 250/039 -28	FL380 288/045 -53
FL250 249/037 -23	FL310 277/036 -37
FL230 248/034 -18	FL230 269/027 -19
FL210 247/032 -13	FL150 255/016 -1
FL190 246/029 -8	7000 197/011 +13

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**END FLIGHTPLAN 01615 TCC212B PJTGD KMIA-LHBP 15JUL2023**

**TCC212B KMIA-LHBP (15-Jul-2023) #1**

**[ATC FLIGHTPLAN]**

(FPL-TCC212B-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-KMIA2150

-N0498F350 FOLZZ2 ZFP AR24 JAZZI AR3 JRDAN AR19 CHIEZ Q133 KALDA

Q131 ZJAAY Q167 EMJAY DCT ALLEX N437A TUDEP/M084F370 NATV GISTI

DCT BAKUR/N0497F390 DCT OKSAW DCT KONAN UL607 MATUG DCT BOMBI

DCT BARSU DCT EKSOS DCT LULAR DCT RUDAP DCT BUDEX DCT MAREG L175

XENAK/N0470F230 L175 ANEXA

-LHBP0925 LOWW

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/230715 REG/PJTGD

EET/KZJX0043 KZDC0109 KZBW0159 CZQM0245 CZQX0323 52N050W0417

54N040W0459 EGGX0539 53N020W0620 MALOT0640 EISN0640 GISTI0645

BAKUR0720 EGT0720 EBUR0754 EDVV0813 EDUU0814 LKAA0841 LOVV0852

LZBB0902 LHCC0911

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

ORGN/TNCCTCAP PER/D

RALT/CYQX BIKF EINN

RMK/TCAS

-E/1154)

## TCC212B KMIA-LHBP (15-Jul-2023) #1

[PLANNING WEATHER]

**ORIGIN: KMIA/MIA (MIAMI INTL, UNITED STATES)**

**UTC -04:00**

KMIA 151853Z 00000KT 10SM FEW035 BKN160 BKN250 30/23 A3004 RMK A02 LTG  
DSNT S AND SW SLP173 CB DSNT S-SW T03000233 \$  
KMIA 151746Z 1518/1624 20008KT P6SM SCT030 BKN050  
TEMPO 1518/1520 VRB10G15KT 6SM -RA SCT025 BKN035  
FM160000 20006KT P6SM VCSH SCT080 BKN150  
FM160200 VRB04KT P6SM FEW025 SCT250  
FM161500 19010KT P6SM VCTS SCT025CB BKN150  
PROB30 1618/1621 VRB12G20KT -TSRA BKN050CB

**DESTINATION: LHBP/BUD (LISZT FERENC INTL, HUNGARY)**

**UTC +02:00**

LHBP 151930Z 09002KT CAVOK 24/18 Q1016 NOSIG  
LHBP 151715Z 1518/1618 12005KT CAVOK  
BECMG 1607/1610 21010KT  
BECMG 1616/1618 VRB03KT

**ALTERNATE: LOWW/VIE (SCHWECHAT, AUSTRIA)**

**UTC +02:00**

LOWW 151920Z 16014KT CAVOK 27/19 Q1013 NOSIG  
LOWW 151715Z 1518/1624 15012KT CAVOK TX33/1614Z TN22/1604Z  
TEMPO 1518/1603 16015G25KT  
BECMG 1606/1608 31013KT  
TEMPO 1607/1610 33020G30KT  
TEMPO 1618/1624 VRB03KT

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

**UTC +01:00**

EINN 151930Z 28016G27KT 5000 -SHRA FEW007 SCT011 SCT018CB BKN040 14/12  
Q0999 NOSIG  
EINN 151700Z 1518/1618 29016G27KT 9999 SCT012 BKN020  
TEMPO 1518/1520 30018G32KT 4000 SHRA BKN012 SCT018CB  
BECMG 1522/1524 30012KT  
TEMPO 1601/1615 SCT020CB  
BECMG 1604/1606 27010KT

**EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)**

**UTC +00:00**

BIKF 151930Z 01020G30KT 9999 FEW049 SCT092 BKN170 10/05 Q1010  
BIKF 151602Z 1518/1618 01016KT 9999 FEW016 BKN025 TX12/1518Z TN07/1603Z  
TEMPO 1518/1618 02026KT

**TCC212B KMIA-LHBP (15-Jul-2023) #1****EDTO AIRPORT: CYQX/YQX (GANDER INTL, CANADA)****UTC -02:30**

CYQX 151900Z 22014KT 15SM SCT036 SCT100 SCT140 SCT210 BKN270 28/20 A3017  
RMK CU3AC1AC1CC1CI2 AC TR AC TR CC TR TCU ASOCTD SLP220 DENSITY ALT 1900FT  
CYQX 151740Z 1518/1618 22010KT P6SM FEW003 SCT190  
FM160500 22010KT P6SM SCT015 BKN030 BKN090  
FM160900 21008KT P6SM -SHRA SCT008 BKN015 OVC090  
FM161300 23012KT P6SM BKN030  
RMK NXT FCST BY 160000Z

**ADEQUATE: KILM/ILM (WILMINGTON INTL, UNITED STATES)****UTC -04:00**

KILM 151853Z 19012KT 10SM FEW030 FEW037 31/24 A2994 RMK A02 SLP136  
T03060244  
KILM 151720Z 1518/1618 20010G18KT P6SM VCTS SCT035 BKN150CB  
FM160000 19008KT P6SM BKN120  
FM160600 22007KT P6SM VCTS BKN040CB

**ADEQUATE: KJFK/JFK (KENNEDY INTL, UNITED STATES)****UTC -04:00**

KJFK 151851Z 17014KT 10SM FEW050 BKN250 28/24 A2996 RMK A02 SLP144 TCU  
DSNT N T02830239  
KJFK 151939Z 1520/1624 17012KT P6SM FEW050 SCT250  
FM152100 16013KT P6SM SCT050 BKN250  
FM160200 17008KT P6SM SCT010 SCT120 OVC250  
TEMPO 1603/1607 BKN010  
FM160700 17007KT 5SM SHRA BKN010 OVC040  
PROB30 1609/1613 2SM +TSRA BR BKN008CB  
FM161300 18010KT 3SM SHRA BR OVC010  
TEMPO 1613/1616 2SM +TSRA BKN008CB  
FM161700 18011KT 3SM SHRA BR OVC012  
PROB30 1617/1619 2SM +TSRA BKN008CB  
FM161900 19012KT 5SM SHRA VCTS OVC015CB  
FM162100 19010KT 6SM BR OVC015  
PROB30 1621/1624 5SM SHRA

**ADEQUATE: KBOS/BOS (LOGAN INTL, UNITED STATES)****UTC -04:00**

KBOS 151854Z 14008KT 10SM BKN050 BKN110 BKN250 28/23 A2995 RMK A02 SLP140  
T02830228  
KBOS 151736Z 1518/1624 12010KT P6SM VCSH SCT030  
FM152200 16009KT P6SM VCSH SCT030  
FM160300 19007KT P6SM BKN008  
FM160600 17007KT 2SM BR VCSH OVC008  
FM161200 17010KT 5SM -SHRA BR OVC008  
FM161600 17012G21KT 4SM -SHRA BR OVC003

**TCC212B KMIA-LHBP (15-Jul-2023) #1**

**ADEQUATE: EGKK/LGW (GATWICK, UNITED KINGDOM)**

**UTC +01:00**

EGKK 151920Z 22019G29KT 9999 BKN025 17/12 Q1003  
EGKK 151657Z 1518/1624 21020G30KT 9999 SCT020  
PROB40 TEMPO 1518/1519 22024G42KT  
BECMG 1600/1603 22012KT  
PROB30 TEMPO 1610/1616 23015G25KT 6000 SHRA

**ADEQUATE: EDDN/NUF (NUERNBERG, GERMANY)**

**UTC +02:00**

EDDN 151920Z AUTO 28006KT CAVOK 21/19 Q1011 NOSIG  
EDDN 151700Z 1518/1618 27007KT CAVOK  
PROB40 TEMPO 1518/1519 28020G35KT TSRA BKN060CB  
TEMPO 1521/1601 28030G45KT 3000 TSRAGR FEW015 BKN050CB  
TEMPO 1601/1604 SHRA SCT010 BKN040CB  
BECMG 1609/1611 25012KT  
BECMG 1616/1618 29005KT

**TCC212B KMIA-LHBP (15-Jul-2023) #1**

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/3 TRACKS FLS 340/400 INCLUSIVE  
JUL 16/0100Z TO JUL 16/0800Z  
PART ONE OF THREE PARTS-

S LOMSI 55/50 57/40 57/30 56/20 PIKIL SOVED  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N625A N623A-

T NEEKO 54/50 56/40 56/30 55/20 RESNO NETKI  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N565A N559A-

U RIKAL 53/50 55/40 55/30 54/20 DOGAL BEXET  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N505A N497C-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 340/400 INCLUSIVE  
JUL 16/0100Z TO JUL 16/0800Z  
PART TWO OF THREE PARTS-

V TUDEP 52/50 54/40 54/30 53/20 MALOT GISTI  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N445A N437A-

W ALLRY 51/50 53/40 53/30 52/20 LIMRI XETBO  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N391A N377A-

X SUPRY 46/50 48/40 49/30 49/20 BEDRA NASBA  
EAST LVLS 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N93A N75A-

Y DOVEY 42/60 43/50 44/40 44/30 47/20 48/15 OMOKO GUNSO  
EAST LVLS 360 380 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR NIL-

END OF PART TWO OF THREE PARTS)

**TCC212B KMIA-LHBP (15-Jul-2023) #1**

(NAT-3/3 TRACKS FLS 340/400 INCLUSIVE  
JUL 16/0100Z TO JUL 16/0800Z  
PART THREE OF THREE PARTS-

Z JOBOC 41/60 42/50 43/40 43/30 46/20 47/15 ETIKI REGHI  
EAST LVLS 360 380 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR NIL-

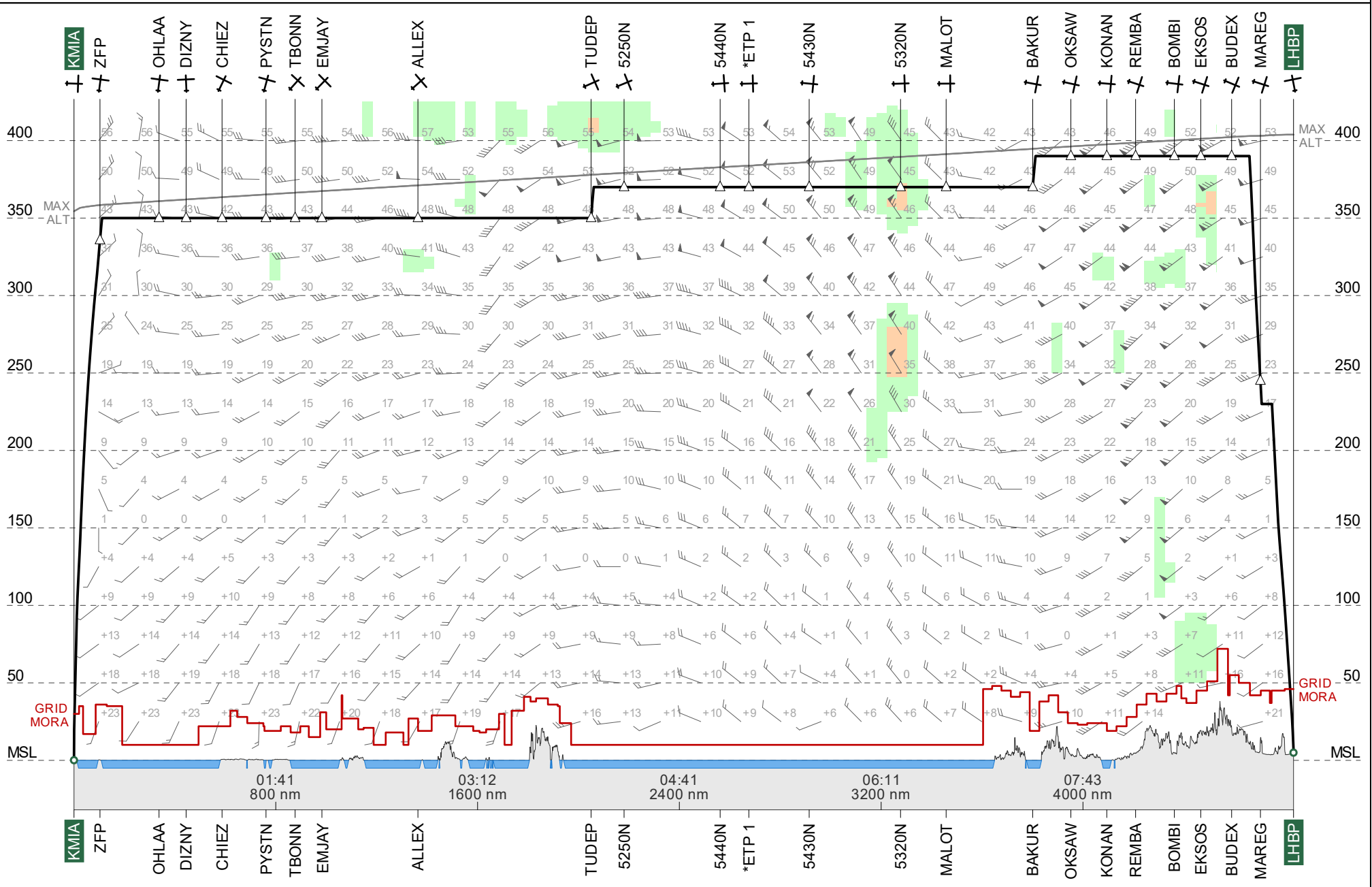
REMARKS:

- 1.TMI IS 197 OPERATORS ARE REMINDED TO INCLUDE TMI NUMBER AS PART OF THE OCEANI CLEARANCE READ BACK.
  - 2.SEND RCL 90-60 MINUTES PRIOR TO OCEANIC ENTRY POINT
  - 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS:  
NO ASSIGNED PBCS TRACKS  
END OF PBCS OTS.
  - 4.INCLUDE THE MAX LEVEL IN RCL. IF NO MAX LEVEL IS PROVIDED RCL LEVEL WILL BE CONSIDERED HIGHEST ACCEPTABLE FL THAT CAN BE MAINTAINED AT THE OCEANIC ENTRY POINT
  - 5.CLEARANCE MAY DIFFER FROM FLIGHT PLAN, FLY THE CLEARANCE
  - 6.STRATEGIC LATERAL OFFSET PROCEDURE SHOULD BE USED FOR ALL OCEANIC CROSSINGS. LEFT SLOP IS PROHIBITED
  - 7.30 MINS AFTER ENTERING NAT AIRSPACE OR AFTER LEAVING SURVEILLANCE AREA, USE CODE 2000 ON TRANSPONDER
  - 8.NAVIGATION ERRORS CAN BE PREVENTED BY THE USE OF PROPER FMS WAYPOINT PROCEDURES
  - 9.ADS-C AND CPDLC ARE MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE
  - 10.OPERATORS SHOULD REFERENCE NAT DOC 007 CHAPTER 8 AND 13 FOR SPECIFIC NAT OCEANIC PROCEDURES
  - 11.DATA LINK EQUIPPED FLIGHTS NOT LOGGED ONTO DOMESTIC AIRSPACE, PRIOR TO ENTERING THE GANDER OCA,MUST INITIATE A LOGON TO CZQX 10-25 MINS PRIOR TO OCEANIC ENTRY.
  - 12.CLEARANCE DELIVERY FREQUENCY ASSIGNMENT: AVPUT TO LIBOR 132.02, MAXAR TO VESMI 134.2,AVUTI TO JANJO 128.7, KODIK TO TUDEP 135.45, UMESI TO JOOPY 135.05,MUSAK TO SUPRY 128.45, RAFIN TO TALGO 119.42.-
- END OF PART THREE OF THREE PARTS)

# TR212B #1

## KMIA → LHBP

ETD 15 Jul 21:50z  
PJTGD B77L





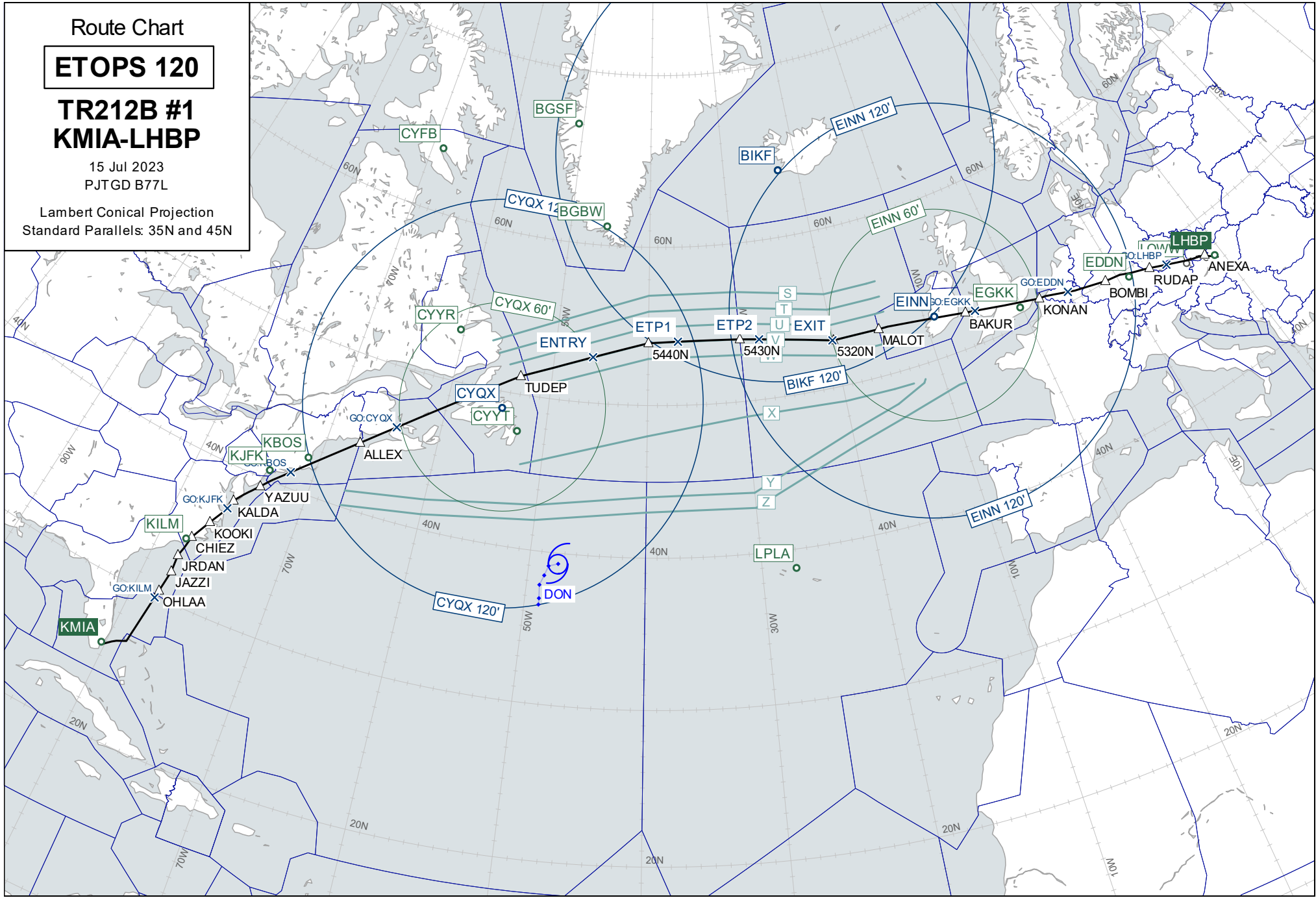
Route Chart

**ETOPS 120**

**TR212B #1**  
**KMIA-LHBP**

15 Jul 2023  
PJTGD B77L

Lambert Conical Projection  
Standard Parallels: 35N and 45N



# Wind Chart

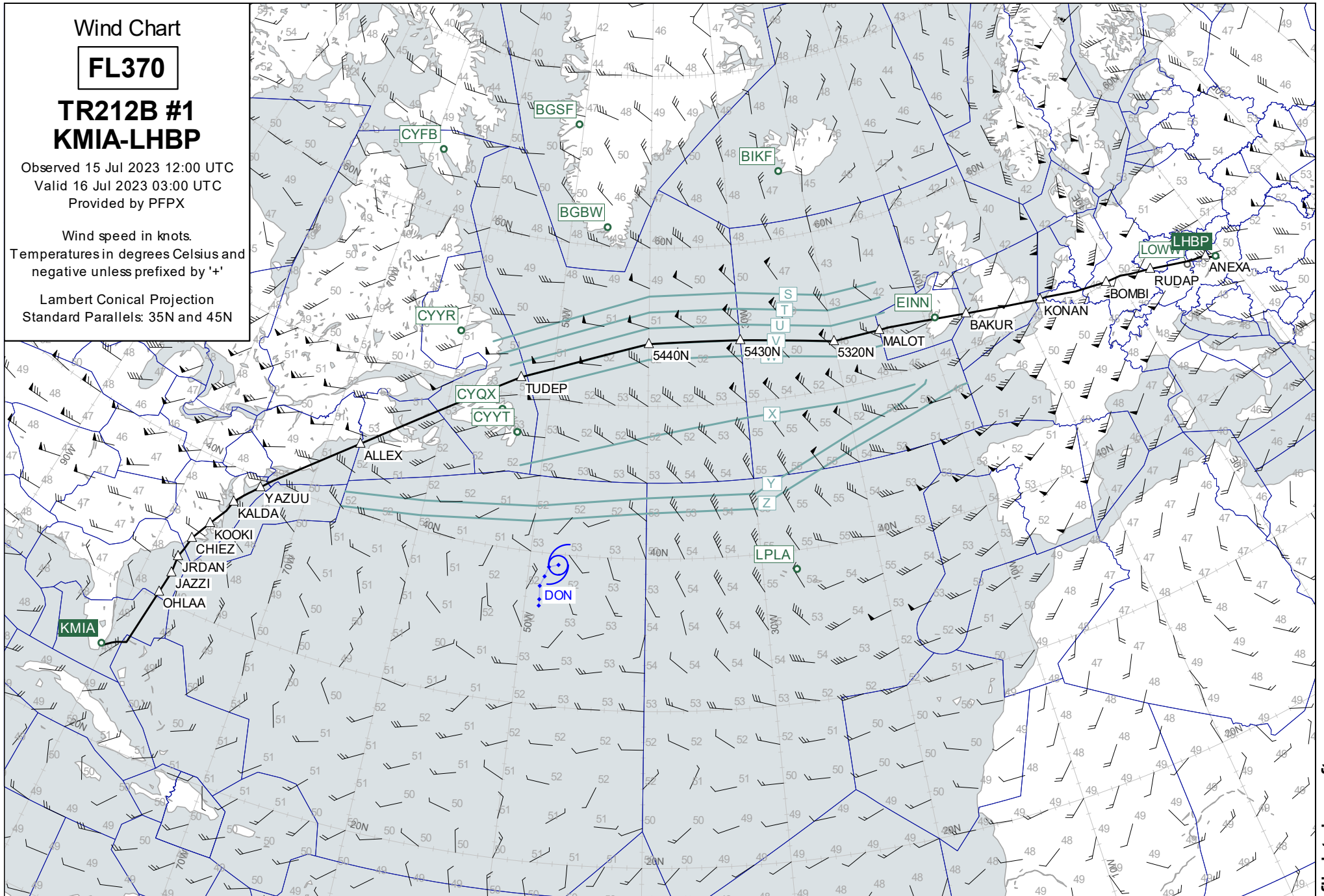
## FL370

### TR212B #1 KMIA-LHBP

Observed 15 Jul 2023 12:00 UTC  
Valid 16 Jul 2023 03:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 35N and 45N



Wind Chart

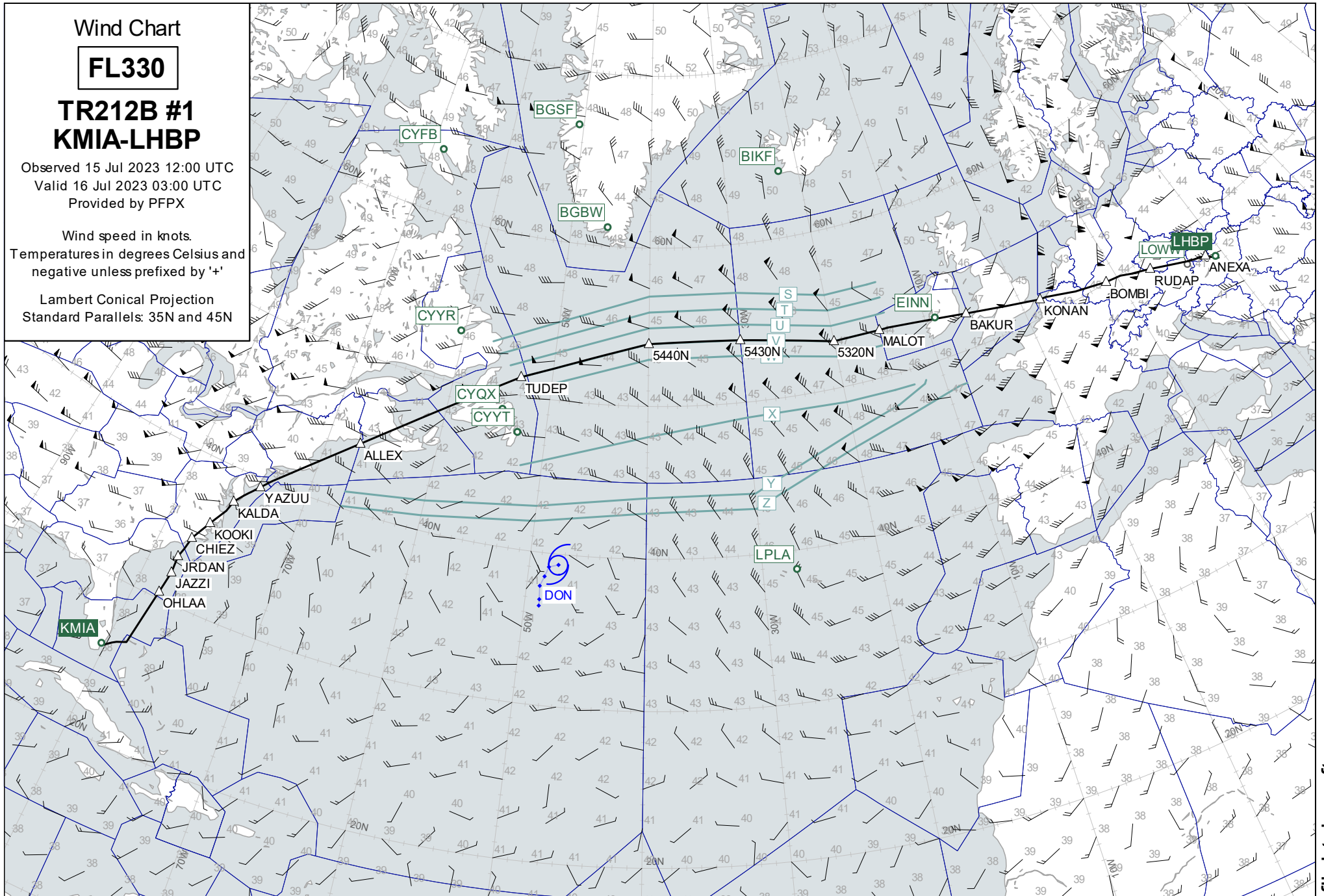
**FL330**

**TR212B #1  
KMIA-LHBP**

Observed 15 Jul 2023 12:00 UTC  
Valid 16 Jul 2023 03:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 35N and 45N





# Wind Chart

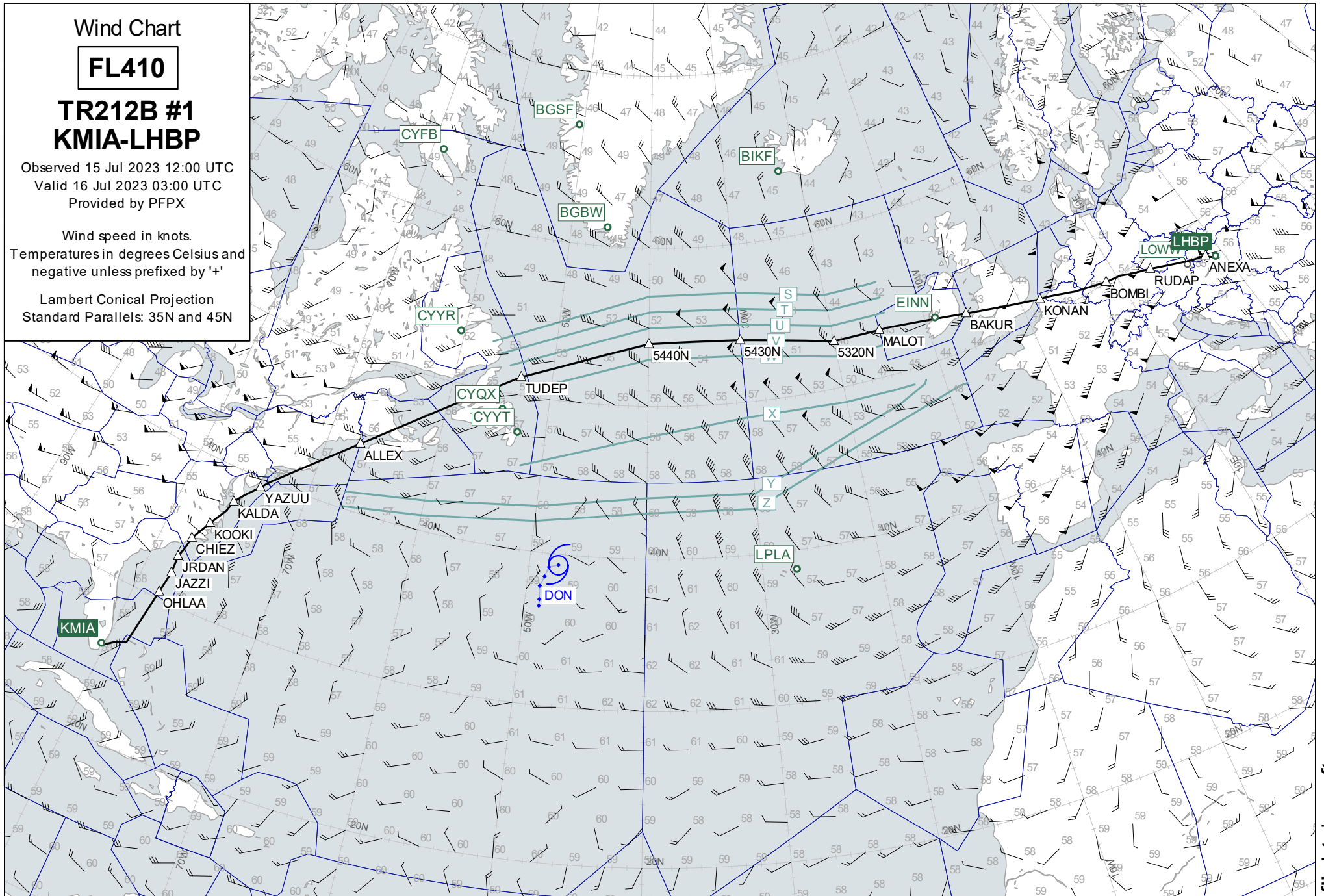
## FL410

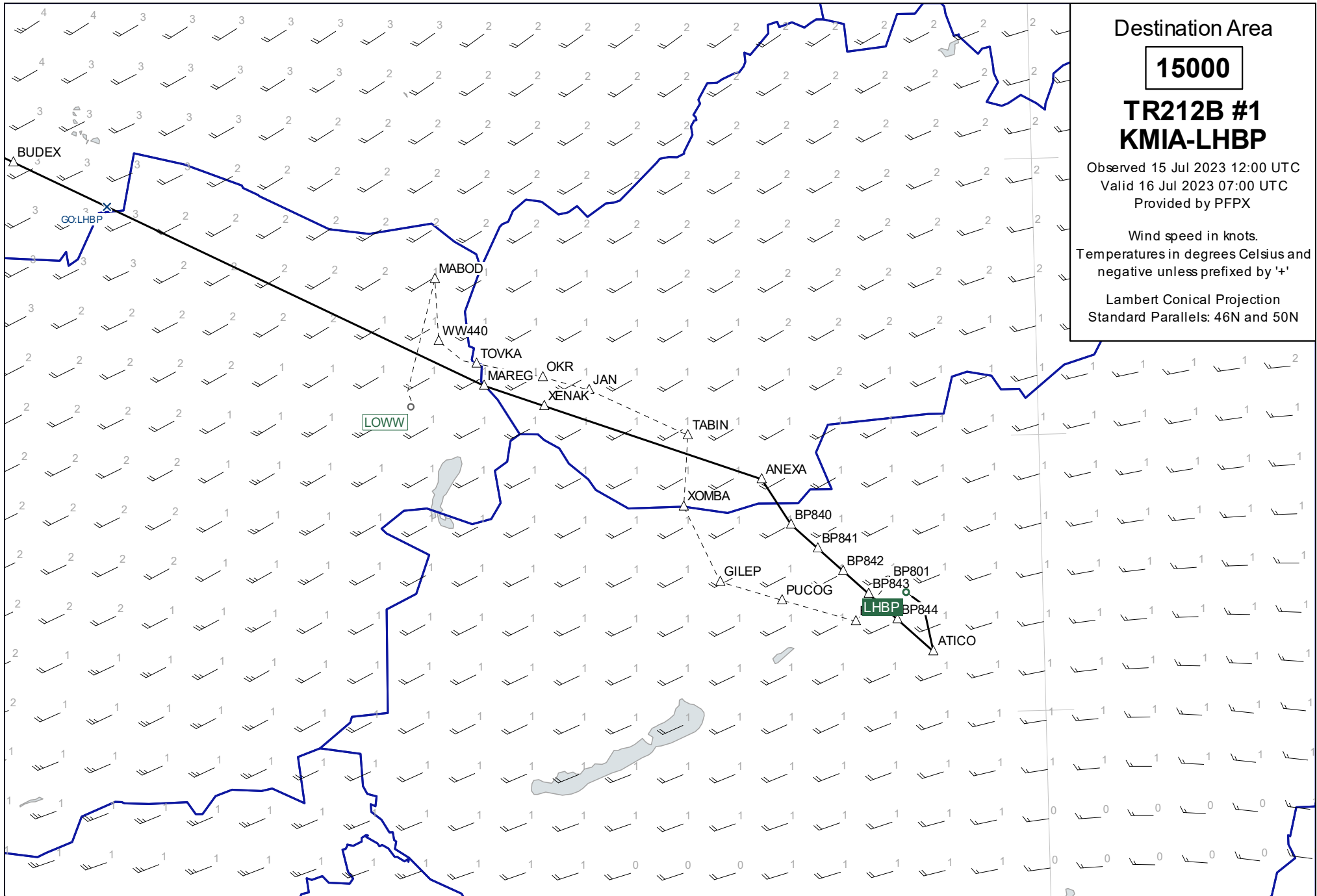
### TR212B #1 KMIA-LHBP

Observed 15 Jul 2023 12:00 UTC  
Valid 16 Jul 2023 03:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 35N and 45N





Destination Area  
**15000**  
**TR212B #1**  
**KMIA-LHBP**  
 Observed 15 Jul 2023 12:00 UTC  
 Valid 16 Jul 2023 07:00 UTC  
 Provided by PFPX

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

Lambert Conical Projection  
 Standard Parallels: 46N and 50N

# Plotting Chart

## TR212B #1 KMIA-LHBP

15 Jul 2023  
PJTGD B77L

Lambert Conical Projection  
Standard Parallels: 51N and 52N

