



Flight Briefing Package

TCC212D 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 2005 UTC

TCC212D KMIA-LHBP (15-Jul-2023) #1

TRADEWIND ALASKA FLIGHTPLAN - IFR TCC212D N777TA KMIA-LHBP

 ALL WEIGHTS IN POUNDS (LB) STD 15JUL/2200Z

OPF 1 - PREPARED 15JUL/2005Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR212D/TCC212D N777TA/B777-2LR GE SEL/EGAF ROUTE: KMIALHBP01

DEP: KMIA/MIA 09 ELEV 9 FT COST INDEX: 325 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

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM		ZFW	TOW	LDW
STANDARD	344243	265	0	57770	45842 LDW	MAX	461000	686996	491999
						PLN	402013	591944	446157
						ACT	.....	.....	.....

 ** TAKE-OFF DATA KMIA 09 **

COND: 591944 LB // RWY DRY // +30•C Q1017 200/08 // LMT: STRUCT
 CONFIG: FLAPS 5 // D-T01 +48C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=157 VR=161 V2=164
 ENG OUT: AT 12 DME 'DHP' 113.9 RT TO 'LUVLY' [14 DME R 130 'DHP' 113.9] (310 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	145787	.....	09:26	
10 PCT	16006	.....	00:57	
ALTN LOWW	13447	.....	01:02	
INTL HOLD	6976	.....	00:30	
HOLD	4653	.....	00:20	
CONT	2829	.....	00:10	
MIN T/O	189698	.....	12:24	.....
EXTRA	233	.....	00:01	CAPTAINS SIGNATURE (....)
TAXI	855	.....	00:15	
RELEASE	190786	.....	12:40	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	43574	.....	02:49	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 358500 LB / MAX EXTRA FUEL 46075 LB LIM BY CAPACITY
 TRIP CORR FOR 10000 LB TOW INCR: +2086 LB / 10000 LB TOW DECR: -2006 LB
 2000 FT LOWER: +2512 LB / EET 09:23 CLB: 250/310/84 DES: 84/320/250

KMIA	STD 22:00Z/18:00L	ETD 22:00Z	ACT OFBL	EST T/O 22:15Z	ACT T/O
LHBP	STA 07:50Z/09:50L	ETA 07:51Z	ACT ONBL	EST LDG 07:41Z	ACT LDG
	SKD 09:50	PLN 09:51	TTL BLCK	EST FLT 09:26	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 04:35

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ETOPS EXIT (EINN) 4 NM BEFORE 5320N N53 00.9 W020 06.0 EET 06:20

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

CYQX (03:48-05:30)
 BIKF (05:04-05:51)
 EINN (05:26-05:51)

ONE ENGINE OUT ETP 1 FOR CYQX/BIKF N54 04.9 W037 17.9 EET 05:10
 1E084/320 DESC TO FL274 CRUISE AT 1E0320 258 NM BEFORE 5430N
 PLN FUEL OVER ETP 100820 ETP FUEL REQ 37274 DIV TIME 01:39
 ETP TO CYQX (N48 56.2 W054 34.1) DIST 714 NM WC HD033 TT 251
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 745 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 100305 ETP FUEL REQ 38938 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 100305 ETP FUEL REQ 37169 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 54.6 W028 33.3 EET 05:45
 1E084/320 DESC TO FL279 CRUISE AT 1E0320 311 NM BEFORE 5320N
 PLN FUEL OVER ETP 92304 ETP FUEL REQ 33455 DIV TIME 01:27
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 632 NM WC HD026 TT 014
 ETP TO EINN (N52 42.1 W008 55.5) DIST 706 NM WC TL025 TT 088

ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/EINN N53 51.7 W027 53.7 EET 05:48
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 287 NM BEFORE 5320N
 PLN FUEL OVER ETP 91666 ETP FUEL REQ 34230 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 683 NM WC TL014 TT 088

ALL ENGINE DECOMP ETP 2 FOR BIKF/EINN N53 51.7 W027 53.7 EET 05:48
 84/320/250 DESC TO FL100 CRUISE AT AE320 287 NM BEFORE 5320N
 PLN FUEL OVER ETP 91666 ETP FUEL REQ 32673 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 683 NM WC TL014 TT 088

ATC ROUTE: N0497F350 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

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
LOWW/16	183	8000	071	HD001	01:02	13447	-	GILE2R GILEP DCT XOMBA P974

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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					189.9 / 0.9 4835 N2547.2 W08018.7/.....	
FOLZZ2	JAMBA	106	*CLB 030 P13		213/004		7 4828	187.1 / 3.7 N2546.1 W08010.9	03 00.03/.....	
FOLZZ2	KBOLA	126	*CLB 030 P13		202/003		4 4823	186.3 / 4.5 N2544.0 W08006.7	01 00.04/.....	
FOLZZ2	MARCK	056	*CLB 035 P16		154/003		34 4789	182.7 / 8.1 N2606.4 W07938.3	05 00.09/.....	
FOLZZ2	FOLZZ	062	*CLB 017 P15		056/003		19 4770	181.2 / 9.6 N2617.3 W07921.0	03 00.12/.....	
FOLZZ2	ZFP FREEPORT	073	*CLB 036 P12		113.20 049/012		39 4732	178.7 / 12.1 N2633.3 W07841.9	04 00.16/.....	
AR24	*TOC	016	FL350 036 P11		048/015	498 488	12 4720	178.1 / 12.7 N2645.1 W07840.1	02 00.18/.....	
AR24	BRATZ	016	FL350 036 P11		042/015	497 485	45 4675	176.5 / 14.3 N2729.6 W07833.4	05 00.23/.....	
----- CLASS II ENTRY 0061 NM BEFORE OHLAA EET 00:38 -----										
	KILM	017	FL350 010 P11		349/010		145 4529	171.5 / 19.3 N2953.8 W07810.9	18 00.41/.....	
AR24 -KZJX	*BDRY	017	FL350 010 P12		325/006	497 490	13 4516	171.0 / 19.7 N3006.5 W07808.9	02 00.43/.....	
AR24	OHLAA	017	FL350 010 P12		301/007	497 494	19 4498	170.4 / 20.4 N3024.9 W07805.9	02 00.45/.....	
AR24	COACH	017	FL350 010 P12		275/011	497 496	41 4457	169.0 / 21.7 N3105.1 W07759.6	05 00.50/.....	
----- CLASS II EXIT 0006 NM BEFORE TYCAL EET 00:52 -----										
AR24	TYCAL	017	FL350 010 P12		275/011	497 497	18 4439	168.5 / 22.3 N3122.5 W07756.8	02 00.52/.....	
AR24	JAZZI	017	FL350 010 P12		274/011	497 498	31 4408	167.4 / 23.4 N3153.5 W07751.8	04 00.56/.....	
AR3	DIZNY	007	FL350 010 P12		275/011	497 496	18 4390	166.8 / 24.0 N3211.4 W07752.9	02 00.58/.....	

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AR3	FRRAM	007	FL350	010	497	14	166.4 / 24.4	02	01.00
					P12 278/010	496 4377	N3224.9 W07753.7/.....	
AR3	JRDAN	007	FL350	022	498	38	165.1 / 25.7	05	01.05
					P12 284/009	495 4339	N3302.7 W07755.9/.....	
AR19 -KZDC	SAGGY	025	FL350	022	498	40	163.8 / 27.0	04	01.09
					P12 288/014	497 4299	N3341.1 W07743.4/.....	
AR19	CHIEZ	020	FL350	022	498	51	162.1 / 28.7	07	01.16
					P12 280/020	497 4248	N3431.1 W07732.4/.....	
Q133	BENCH	036	FL350	032	497	71	159.8 / 31.0	08	01.24
					P12 276/030	505 4177	N3534.8 W07653.9/.....	
Q133	KOOKI	037	FL350	028	497	22	159.0 / 31.7	03	01.27
					P12 271/030	507 4155	N3554.4 W07641.9/.....	
Q133	PYSTN	039	FL350	028	497	81	156.5 / 34.3	09	01.36
					P12 271/034	512 4074	N3705.3 W07553.4/.....	
	KJFK	027	FL350	019		8	156.2 / 34.6	01	01.37
					P11 244/033	4066	N3712.9 W07550.8/.....	
Q133	KALDA	027	FL350	019	497	39	155.0 / 35.8	05	01.42
					P11 265/038	507 4027	N3750.5 W07537.6/.....	
Q131	ZJAAY	046	FL350	022	497	15	154.5 / 36.3	02	01.44
					P11 264/039	520 4011	N3803.2 W07526.6/.....	
Q167	PAJET	048	FL350	022	496	31	153.5 / 37.3	03	01.47
					P11 265/040	522 3980	N3828.1 W07503.0/.....	
Q167	CAANO	053	FL350	022	496	5	153.4 / 37.4	01	01.48
					P11 265/040	525 3975	N3831.8 W07458.9/.....	
Q167	TBONN	051	FL350	018	496	17	152.8 / 38.0	02	01.50
					P11 265/040	524 3958	N3845.1 W07445.1/.....	
Q167	ZIZZI	054	FL350	018	496	15	152.4 / 38.4	01	01.51
					P11 266/040	525 3943	N3856.4 W07431.7/.....	
Q167 -KZNY	YAZUU	052	FL350	022	496	37	151.2 / 39.6	05	01.56
					P11 263/042	525 3906	N3924.8 W07401.0/.....	
Q167 -KZBW	TOPRR	053	FL350	022	496	34	150.2 / 40.6	04	02.00
					P10 258/043	529 3871	N3950.8 W07332.2/.....	
Q167 -KZNY	EMJAY	053	FL350	031	496	19	149.6 / 41.2	02	02.02
					P10 256/043	529 3852	N4005.6 W07315.7/.....	
-KZBW	KBOS	058	FL350	042		134	145.5 / 45.3	15	02.17
					P09 252/044	3718	N4139.3 W07109.1/.....	
DCT -CZQM	ALLEX	060	FL350	027	493	247	138.1 / 52.7	28	02.45
					P07 276/043	521 3471	N4425.0 W06700.0/.....	
	CYQX	065	FL350	029		158	133.2 / 57.5	18	03.03

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                P07 284/032      3313  N4606.6 W06408.6 ...../.....
N437A  *BDRY    068  FL350 030          492 173      128.1 / 62.7  20 03.23
-CZQX                P06 217/046 537 3140  N4752.6 W06048.5 ...../.....

N437A  TUDEP    071  *CLB 041          356      117.9 / 72.9  39 04.02
                P06 258/055      2785  N5110.0 W05314.0 ...../.....

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----- CLASS II ENTRY 0091 NM BEFORE 5250N EET 04:07 -----

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

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[ ] 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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NATV    5250N    085  FL370 010          488 131      114.0 / 76.7  15 04.17
        52N050W                P05 257/053 540 2654  N5200.0 W05000.0 ...../.....

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----- ETOPS ENTRY (CYQX) 0221 NM BEFORE 5440N EET 04:35 -----

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NATV    5440N    088  FL370 010          489 381      103.5 / 87.3  43 05.00
        54N040W                P06 291/050 530 2273  N5400.0 W04000.0 ...../.....

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*ETP 1    102  FL370 010          489 114      100.3 / 90.5  12 05.12
  CYQX/BIKF                P05 303/051 530 2159  N5405.5 W03646.4 ...../.....

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NATV    5430N    103  FL370 010          488 239      93.7 / 97.1  27 05.39
-EGGX   54N030W                P04 318/066 533 1920  N5400.0 W03000.0 ...../.....

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*ETP 2    108  FL370 010          488 75       91.7 / 99.1  09 05.48
  BIKF/EINN                P05 321/069 536 1845  N5351.7 W02753.7 ...../.....

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----- ETOPS EXIT (EINN) 0004 NM BEFORE 5320N EET 06:20 -----

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NATV    5320N    111  FL370 010          495 287      83.9 / 106.9  32 06.20
        53N020W                P11 324/054 536 1558  N5300.0 W02000.0 ...../.....

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NATV    MALOT    096  FL370 010          499 181      78.9 / 111.9  21 06.41
                P14 313/024 518 1377  N5300.0 W01500.0 ...../.....

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NATV    GISTI    095  FL370 010          499 36       77.9 / 112.9  04 06.45
-EISN   P14 304/020 516 1341  N5300.0 W01400.0 ...../.....

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----- CLASS II EXIT 0270 NM BEFORE BAKUR EET 06:49 -----

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DCT     BAKUR    101  *CLB 048          307      69.4 / 121.3  36 07.21
-EGTT   P13 238/029      1034  N5214.5 W00540.8 ...../.....

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EGKK     102  FL390 038          38      68.2 / 122.6  04 07.25
                P13 238/037      996   N5207.1 W00439.6 ...../.....

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DCT     OKSAW    103  FL390 042          497 113      65.2 / 125.6  13 07.38
                P13 232/046 524 883   N5142.3 W00141.2 ...../.....

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DCT -EBUR	KONAN	103	FL390	024	495	142	61.5 / 129.3	16	07.54	
				P11	230/071	532	740	N5107.9	E00200.0/.....
UL607	KOK KOKSY	094	FL390	019	114.50	494	25	60.8 / 129.9	03	07.57
				P11	229/073	543	716	N5105.7	E00239.1/.....
UL607	FERDI	105	FL390	022	493	39	59.8 / 130.9	04	08.01	
				P09	229/079	531	677	N5054.8	E00338.2/.....
UL607	BUPAL	105	FL390	028	492	38	58.9 / 131.9	05	08.06	
				P08	230/085	532	638	N5043.4	E00436.1/.....
UL607	REMBA	105	FL390	028	491	12	58.5 / 132.2	01	08.07	
				P08	231/086	534	626	N5039.7	E00454.9/.....
	EDDN	106	FL390	028		0	58.5 / 132.3	00	08.07	
				P06	240/079		625	N5039.5	E00455.9/.....
UL607	SPI SPRIMONT	106	FL390	036	113.10	491	28	57.8 / 133.0	03	08.10
				P07	231/089	534	597	N5030.9	E00537.4/.....
UL607	PELIX	099	FL390	036	490	5	57.7 / 133.1	01	08.11	
				P07	232/089	544	592	N5029.8	E00545.8/.....
UL607 -EDVV	MATUG	099	FL390	043	490	24	57.1 / 133.7	03	08.14	
				P06	232/090	544	568	N5025.0	E00622.2/.....
DCT -EDUU	*BDRY	100	FL390	043	490	7	56.9 / 133.9	00	08.14	
				P06	232/090	544	561	N5023.6	E00632.8/.....
DCT	BOMBI	100	FL390	043	489	89	54.7 / 136.1	10	08.24	
				P06	232/083	541	472	N5003.4	E00848.0/.....
DCT	BARSU	094	FL390	048	488	62	53.1 / 137.7	07	08.31	
				P05	233/086	544	410	N4955.3	E01023.4/.....
DCT	EKSOS	108	FL390	045	489	43	52.0 / 138.7	05	08.36	
				P05	236/088	532	368	N4939.3	E01124.5/.....
DCT -LKAA	LULAR	104	FL390	051	490	56	50.7 / 140.1	06	08.42	
				P06	240/085	542	312	N4922.0	E01245.5/.....
DCT	RUDAP	106	FL390	072	490	21	50.1 / 140.7	02	08.44	
				P06	241/081	540	291	N4914.5	E01315.9/.....
DCT	BUDEX	108	FL390	072	490	46	49.0 / 141.8	06	08.50	
				P06	244/070	535	245	N4856.9	E01420.2/.....
	LHBP	108	FL390	055		22	48.4 / 142.4	02	08.52	
				P06	244/075		223	N4848.2	E01451.9/.....
DCT -LOVV	*BDRY	108	FL390	055	470	3	48.4 / 142.4	00	08.52	
				P05	247/066	513	220	N4847.3	E01455.1/.....
DCT -LZBB	MAREG	108	*DES	055		89	47.0 / 143.8	10	09.02	
				P12	246/037		131	N4811.4	E01658.2/.....
L175	XENAK	103	FL230	045	470	14	46.7 / 144.1	02	09.04	

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				P13 247/034 496	117	N4807.2 E01718.0/.....
L175	*TOD	103	FL230 045	471	31	45.6 / 145.2	04 09.08
			P13 251/032 496		86	N4757.5 E01801.9/.....
L175	ANEXA	103	*DES 045		19	45.5 / 145.3	02 09.10
			P14 248/024		67	N4751.3 E01829.2/.....
ANEX2H -LHCC	*BDRY	142	*DES 045		6	45.4 / 145.3	01 09.11
			P14 243/021		61	N4746.0 E01834.2/.....
ANEX2H	BP840	142	*DES 045		6	45.4 / 145.4	01 09.12
			P13 240/020		55	N4741.4 E01838.7/.....
ANEX2H	BP841	127	*DES 045		8	45.3 / 145.5	01 09.13
			P13 233/018		47	N4736.1 E01847.3/.....
ANEX2H	BP842	127	*DES 045		7	45.2 / 145.5	02 09.15
			P13 226/017		40	N4731.2 E01855.4/.....
ANEX2H	BP843	127	*DES 046		7	45.1 / 145.6	01 09.16
			P12 219/016		32	N4726.1 E01903.6/.....
ANEX2H	BP844	127	*DES 046		8	45.0 / 145.7	02 09.18
			P12 214/012		24	N4720.5 E01912.8/.....
ANEX2H	ATICO	127	*DES 046		11	44.9 / 145.9	02 09.20
			P12 202/008		13	N4713.4 E01924.2/.....
ANEX2H	LHBP/31R	334	496 046		13	44.1 / 146.6	06 09.26
	LISZT FERENC INTL					N4725.4 E01917.6/.....

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WIND INFORMATION - OBS 15/JUL 12:00

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(CLIMB)          BRATZ          OHLAA          DIZNY
FL340 056/012 -40 FL390 031/020 -53 FL390 302/008 -53 FL390 290/012 -52
FL270 048/004 -24 FL370 035/018 -48 FL370 298/008 -48 FL370 282/012 -48
FL200 152/005 -9  FL350 042/016 -43 FL350 302/007 -43 FL350 276/011 -42
13000 195/004 +3  FL330 044/013 -38 FL330 305/009 -38 FL330 275/013 -37
6000  228/005 +16 FL310 034/009 -33 FL310 307/011 -32 FL310 278/017 -32

CHIEZ          PYSTN          TBONN          EMJAY
FL390 295/025 -53 FL390 269/033 -53 FL390 261/037 -53 FL390 264/044 -53
FL370 290/023 -47 FL370 270/034 -48 FL370 263/038 -49 FL370 260/044 -49
FL350 281/021 -42 FL350 271/034 -43 FL350 266/041 -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 256/039 -34

ALLEX          5250N          5440N          5430N
FL390 272/049 -57 FL410 254/046 -54 FL410 295/044 -53 FL410 321/058 -53
FL370 273/047 -53 FL390 255/054 -54 FL390 292/049 -53 FL390 319/064 -54
FL350 276/044 -48 FL370 257/054 -52 FL370 291/050 -51 FL370 318/066 -52
FL330 277/038 -42 FL350 260/052 -48 FL350 291/050 -49 FL350 318/068 -50
FL310 273/032 -37 FL330 261/049 -44 FL330 290/050 -45 FL330 318/066 -47

5320N          MALOT          OKSAW          KONAN
FL410 325/039 -46 FL410 314/021 -43 FL430 229/043 -45 FL430 230/062 -47
FL390 324/046 -45 FL390 313/024 -42 FL410 231/044 -44 FL410 230/066 -46
FL370 324/055 -46 FL370 313/025 -43 FL390 232/046 -44 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 234/077 -45

BUPAL          BOMBI          EKSOS          BUDEX
FL430 230/075 -49 FL430 231/080 -53 FL430 239/078 -54 FL430 247/063 -56
FL410 230/080 -49 FL410 232/082 -52 FL410 238/083 -53 FL410 246/067 -53
FL390 231/085 -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 243/070 -48
FL350 233/098 -46 FL350 240/079 -48 FL350 235/070 -47 FL350 240/068 -45

XENAK          (DESCENT)
FL270 250/039 -28 FL380 288/045 -53
FL250 249/037 -23 FL310 277/036 -37
FL230 247/034 -18 FL230 268/027 -19
FL210 247/032 -13 FL150 254/016 -1
FL190 246/029 -8  7000 197/012 +13

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 END FLIGHTPLAN 01617 TCC212D N777TA KMIA-LHBP 15JUL2023

TCC212D KMIA-LHBP (15-Jul-2023) #1

[ATC FLIGHTPLAN]

(FPL-TCC212D-IS
-B77L/H-SDE1FGHIJ1RWXYZ/LB1
-KMIA2200
-N0497F350 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
-LHBP0926 LOWW
-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/230715 REG/N777TA
EET/KZJX0043 KZDC0109 KZBW0200 CZQM0245 CZQX0323 52N050W0417
54N040W0500 EGGX0539 53N020W0620 MALOT0641 EISN0641 GISTI0645
BAKUR0721 EGT0721 EBUR0754 EDVV0814 EDUU0814 LKAA0842 LOVV0852
LZBB0902 LHCC0911
SEL/EGAF CODE/AA84B2 RVR/75 OPR/TRADEWIND ALASKA
ORGN/PANCTAAP PER/D
RALT/CYQX BIKF EINN
RMK/TCAS
-E/1225)

TCC212D 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

TCC212D 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

TCC212D 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/NUE (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

TCC212D 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)

TCC212D 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-

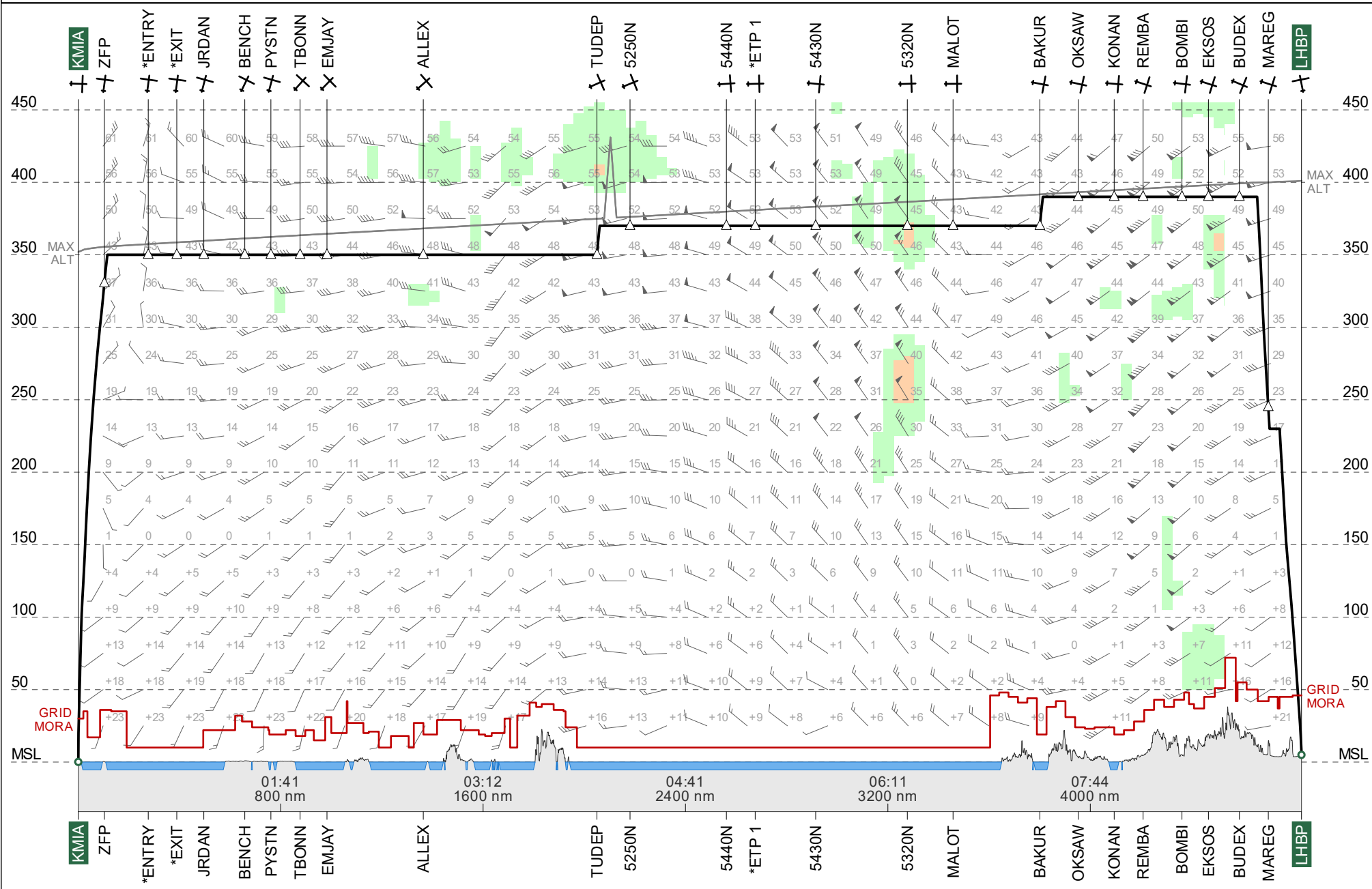
REMARKS:

- 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)

TR212D #1

KMIA → LHPB

ETD 15 Jul 22:00z
N777TA B77L



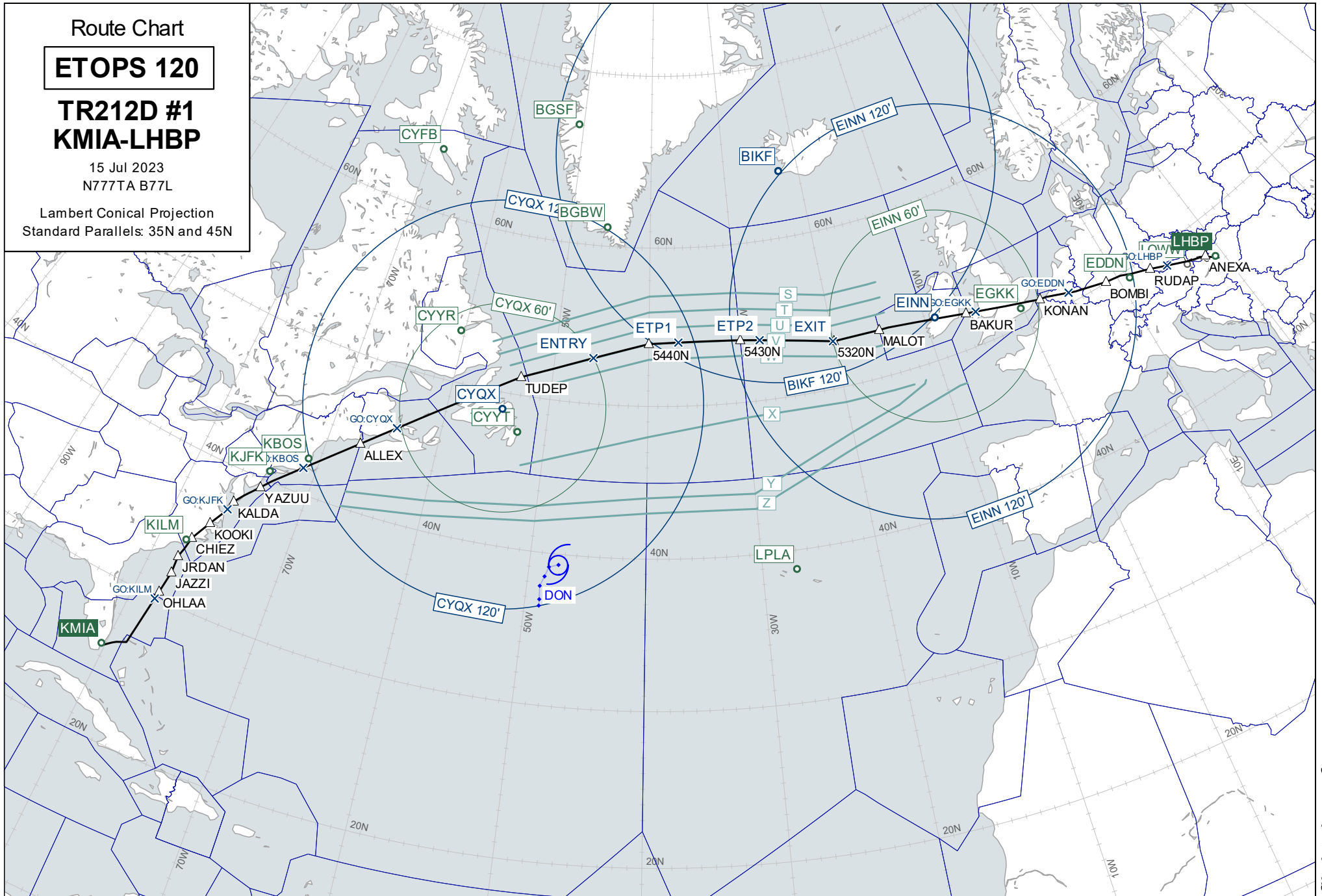
Route Chart

ETOPS 120

TR212D #1
KMIA-LHBP

15 Jul 2023
N777TA B77L

Lambert Conical Projection
Standard Parallels: 35N and 45N



Wind Chart

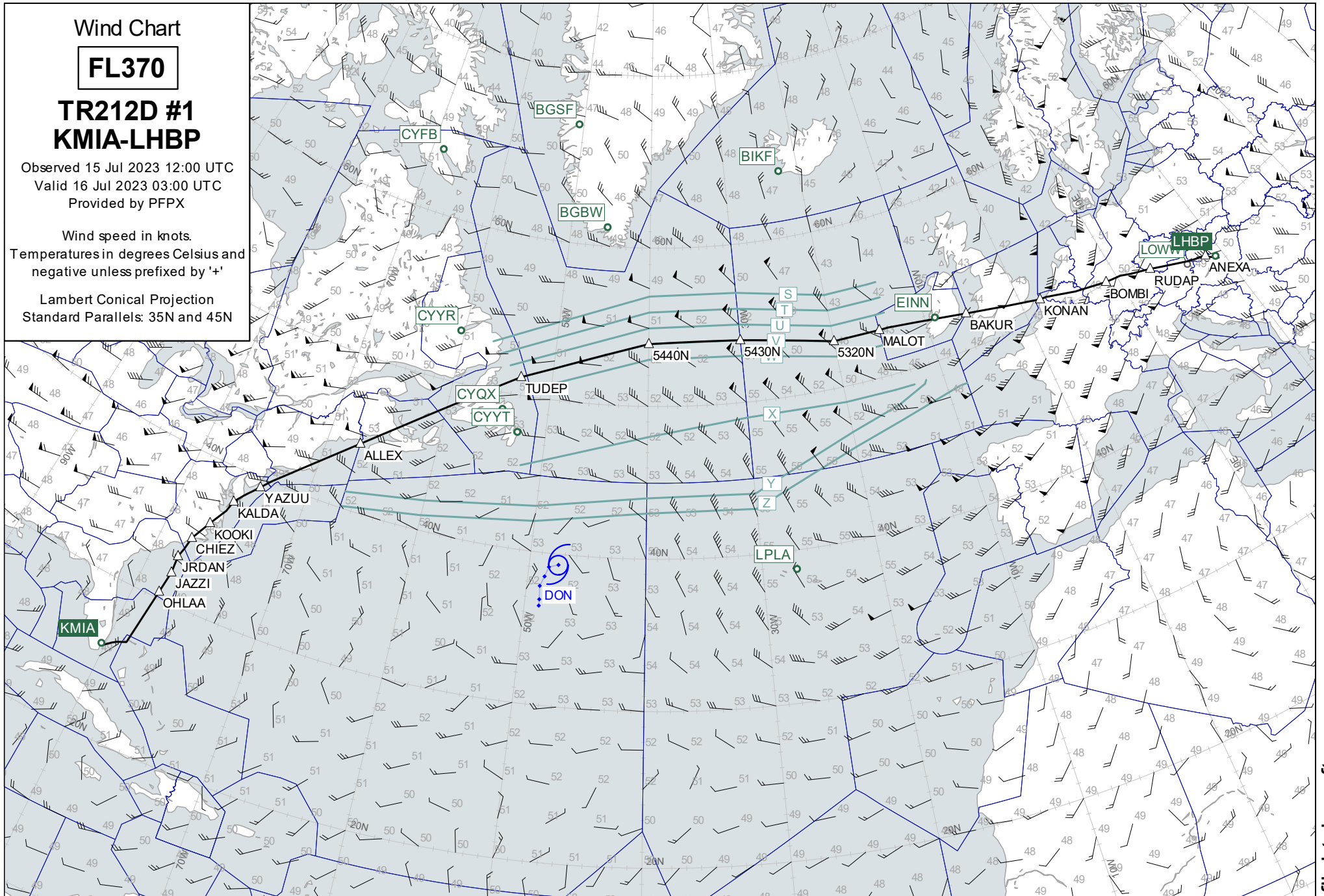
FL370

TR212D #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

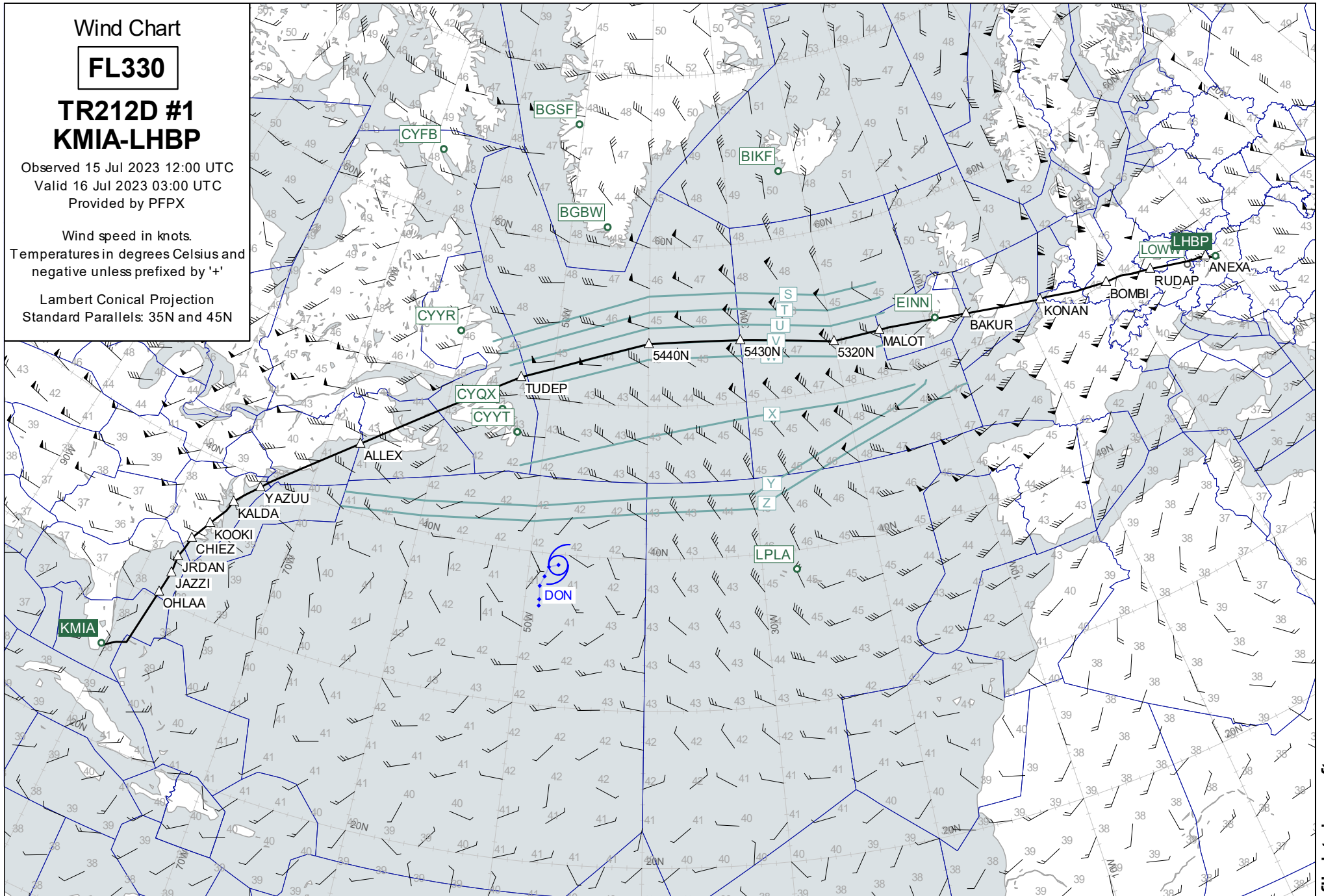
FL330

TR212D #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

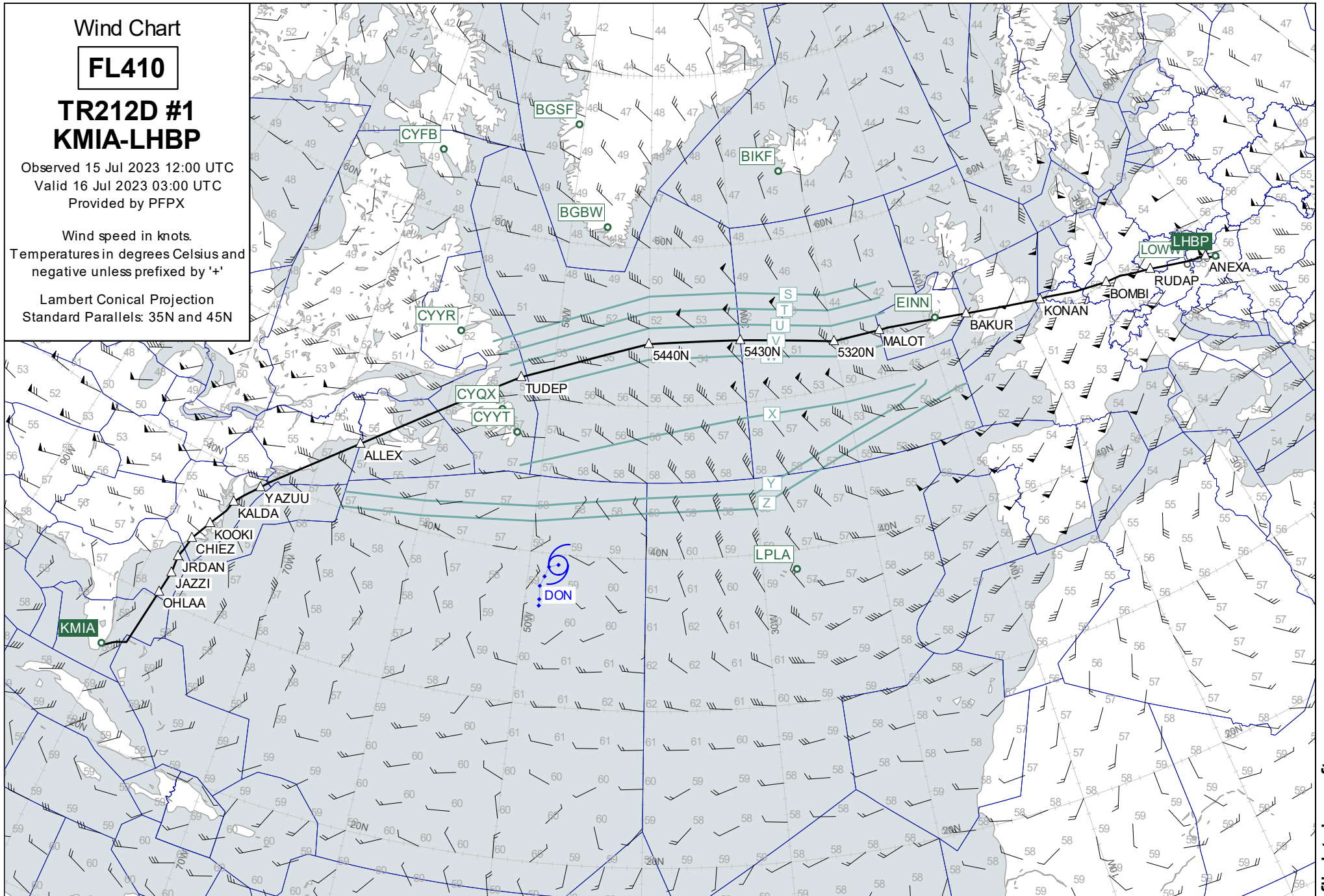
FL410

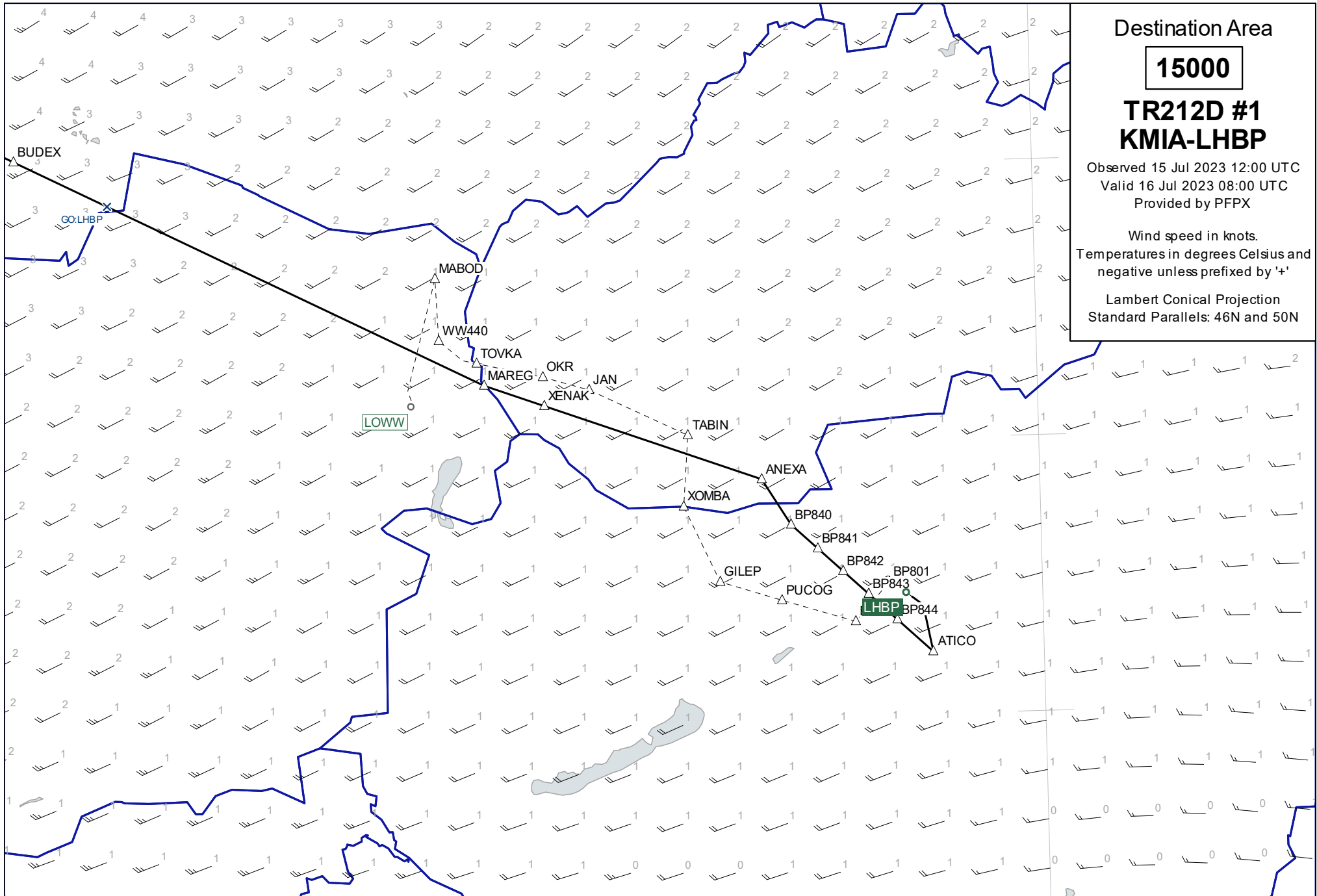
TR212D #1 KMIA-LHBP

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





Plotting Chart

TR212D #1 KMIA-LHBP

15 Jul 2023
N777TA B77L

Lambert Conical Projection
Standard Parallels: 51N and 52N

