



## **Flight Briefing Package**

**TCC213D KMIA-LHBP**

**13-Jul-2024 #1**

RELEASE #1

MIAMI INTL  
(UNITED STATES)

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LISZT FERENC INTL  
(HUNGARY)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

13 JUL 1404 UTC

**TCC213D KMIA-LHBP (13-Jul-2024) #1**

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC213D PJTGI KMIA-LHBP

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 13JUL/2125Z  
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OPF 1 - PREPARED 13JUL/1404Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR213D/TCC213D PJTGI/B777-3ER GE SEL/EFAQ 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: FL310 TTL F/P DIST: 4784 NM  
 FUEL BIAS: 102.8% TTL AIR DIST: 4662 NM  
 AVG WIND CMP: TL013 KT

ALT: LOWW/VIE 34 ELEV 600 FT 188 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	168400	363	0	42108	23997 LDW	<b>MAX</b>	237682	351534	251290
						<b>PLN</b>	210508	306316	227293
						<b>ACT</b>	.....	.....	.....

	<b>FUEL</b>	<b>CORR</b>	<b>ENDUR</b>	
TRIP	79023	.....	09:30	
CONT 5%	3951	.....	00:36	
ALTN LOWW	4470	.....	00:35	
FINAL RESV	3264	.....	00:30	
HOLD	2177	.....	00:20	
ADD FUEL	1290	.....	00:10	
<b>MIN T/O</b>	<b>94175</b>	.....	11:42	.....
EXTRA	1633	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1035	.....	00:15	
<b>RELEASE</b>	<b>96843</b>	.....	12:12	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	16095	.....	02:16	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145524 KG / MAX EXTRA FUEL 25630 KG LIM BY LDW  
 TRIP CORR FOR 5000 KG TOW INCR: +1162 KG / 5000 KG TOW DECR: -1163 KG  
 2000 FT LOWER: +2016 KG / EET 09:28 CLB: 250/310/84 DES: 84/310/250

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KMIA	STD 21:25Z/17:25L	ETD 21:25Z	ACT OFBL ....	EST T/O 21:40Z	ACT T/O ....
LHBP	STA 07:25Z/09:25L	ETA 07:20Z	ACT ONBL ....	EST LDG 07:10Z	ACT LDG ....
	SKD 10:00	PLN 09:55	TTL BLCK ....	EST FLT 09:30	TTL FLT ....

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (TXKF)	68 NM BEFORE SOORY	N37 54.6 W061 29.8	EET 02:28
ETOPS EXIT (LPLA)	66 NM BEFORE BEDRA	N49 01.5 W016 41.1	EET 06:24

**ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD**

TXKF (01:08-03:57)  
 LPLA (03:51-06:12)

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<b>ONE ENGINE OUT ETP 1 FOR TXKF/LPLA</b>	N43 05.8 W049 43.8	EET 03:37
1E084/310 DESC TO FL123 CRUISE AT 1E0320	451 NM BEFORE 4640N	
PLN FUEL OVER ETP 60409 ETP FUEL REQ 24601	DIV TIME 02:34	

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ETP TO TXKF (N32 21.9 W064 40.7) DIST 957 NM WC HD015 TT 233  
 ETP TO LPLA (N38 45.7 W027 05.5) DIST 1057 NM WC TL025 TT 097

**ONE ENGINE OUT DECOMP ETP 1 FOR TXKF/LPLA** N43 08.2 W049 37.0 EET 03:38  
 84/310/250 DESC TO FL100 CRUISE AT 1E0320 446 NM BEFORE 4640N  
 PLN FUEL OVER ETP 60322 ETP FUEL REQ 24919 DIV TIME 02:39  
 ETP TO TXKF (N32 21.9 W064 40.7) DIST 962 NM WC HD013 TT 233  
 ETP TO LPLA (N38 45.7 W027 05.5) DIST 1052 NM WC TL022 TT 097

**ALL ENGINE DECOMP ETP 1 FOR TXKF/LPLA** N43 08.2 W049 37.0 EET 03:38  
 84/310/250 DESC TO FL100 CRUISE AT AE320 446 NM BEFORE 4640N  
 PLN FUEL OVER ETP 60322 ETP FUEL REQ 23600 DIV TIME 02:39  
 ETP TO TXKF (N32 21.9 W064 40.7) DIST 962 NM WC HD013 TT 233  
 ETP TO LPLA (N38 45.7 W027 05.5) DIST 1052 NM WC TL022 TT 097

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**ATC ROUTE:** M089F310 FOLZZ3 SUMRS M204 SOORY/M085F330 NATZ 48N030W/M085F350 NATZ  
 NASBA DCT GAPLI DCT GAJIT DCT ENHAQ M197 REDFA L620 PAM P62 TEBRO  
 DCT PODIP DCT BOMBI L984 OSBIT DCT KEMES DCT LAMSI DCT MAREG L175  
 XENAK/N0455F230 L175 ANEXA ANEX2H

### ALTERNATE PLANNING

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**ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE**  
 LOWW/34 188 FL220 071 HD011 00:35 4470 - BADO2R BADOV P41 ABITU Z650  
 BERVA M748 TUTPI P182 REKLU  
 REKL3W

MOST CRITICAL MORA 7200 FT AT LAMSI

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WND/SPD	FREQ WND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
	KMIA/09 MIAMI INTL		9 030					95.8 / 1.0			
							4784	N2547.2 W08018.7	...../.....		
FOLZZ3	JAMBA	106	*CLB 030 P13	147/008		7	4777	94.4 / 2.5 N2546.1 W08010.9	03 00.03 ...../.....		
FOLZZ3	KBOLA	126	*CLB 030 P13	152/009		4	4773	94.0 / 2.8 N2544.0 W08006.7	01 00.04 ...../.....		
FOLZZ3	MARCK	056	*CLB 035 P14	186/003		34	4739	92.2 / 4.7 N2606.4 W07938.3	06 00.10 ...../.....		
FOLZZ3	FOLZZ	062	*CLB 017 P14	133/004		19	4720	91.4 / 5.4 N2617.3 W07921.0	02 00.12 ...../.....		
FOLZZ3	GOZZR	040	FL310 036 P12	107/012		510 71 508 4648		89.5 / 7.3 N2717.1 W07838.0	09 00.21 ...../.....		
FOLZZ3	SUMRS	060	FL310 035 P12	073/011		511 140 501 4509		86.9 / 9.9 N2842.7 W07633.5	17 00.38 ...../.....		
	KILM	060	FL310 010			58		85.9 / 11.0	07 00.45		

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-KZWY P12 053/011 4451 N2920.1 W07542.4 ...../.....

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

M204 FLUPS 061 FL310 010 512 118 83.7 / 13.2 14 00.59  
 P13 042/017 495 4333 N3034.6 W07357.4 ...../.....

M204 ALOBI 062 FL310 010 512 142 81.1 / 15.8 17 01.16  
 -KZNY P12 017/015 497 4190 N3202.7 W07146.8 ...../.....

TXKF 065 FL310 010 18 80.7 / 16.1 02 01.18  
 -KZWY P12 016/013 4172 N3213.9 W07129.8 ...../.....

M204 BEXUM 065 FL310 010 511 107 78.8 / 18.0 13 01.31  
 P12 196/003 512 4065 N3318.1 W06948.8 ...../.....

M204 LUNKR 067 FL310 010 511 210 75.2 / 21.7 24 01.55  
 P11 214/008 519 3856 N3520.2 W06623.0 ...../.....

----- ETOPS ENTRY (TXKF) 0068 NM BEFORE SOORY EET 02:28 -----

M204 SOORY 074 \*CLB 010 350 69.3 / 27.6 40 02.35  
 P11 256/026 3506 N3830.0 W06016.1 ...../.....

NATZ \*TOC 072 FL330 010 504 12 69.0 / 27.9 02 02.37  
 P10 263/025 526 3494 N3836.5 W06003.5 ...../.....

NATZ 4350N 072 FL330 010 503 528 60.6 / 36.2 59 03.36  
 -KZNY 43N050W P08 301/051 529 2966 N4300.0 W05000.0 ...../.....

\*ETP 1 079 FL330 010 503 19 60.3 / 36.5 02 03.38  
 TXKF/LPLA P08 303/050 529 2948 N4308.2 W04937.0 ...../.....

NATZ \*BDRY 079 FL330 010 502 275 56.0 / 40.8 31 04.09  
 -CZQX P08 284/053 545 2673 N4500.0 W04347.6 ...../.....

NATZ 4640N 082 FL330 010 502 171 53.5 / 43.4 19 04.28  
 46N040W P07 294/066 547 2502 N4600.0 W04000.0 ...../.....

NATZ 4830N 083 \*CLB 010 427 46.9 / 49.9 48 05.16  
 -EGGX 48N030W P07 347/044 2075 N4800.0 W03000.0 ...../.....

NATZ 4920N 088 FL350 010 495 402 40.1 / 56.8 51 06.07  
 49N020W P04 103/031 464 1672 N4900.0 W02000.0 ...../.....

----- ETOPS EXIT (EINN) 0066 NM BEFORE BEDRA EET 06:24 -----

NATZ BEDRA 096 FL350 010 495 197 36.8 / 60.0 25 06.32  
 P04 127/020 477 1475 N4900.0 W01500.0 ...../.....

NATZ NASBA 094 FL350 010 495 79 35.5 / 61.3 10 06.42

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				P04 150/026	481	1396	N4900.0	W01300.0	...../.....
DCT	<b>GAPLI</b>	075	FL350	010	495	204	32.5 /	64.4	24 07.06
-EGTT				P04 234/034	526	1192	N5000.0	W00800.0	...../.....
	<b>EGKK</b>	070	FL350	024		108	30.9 /	65.9	13 07.19
				P04 242/038		1084	N5038.4	W00521.2	...../.....
DCT	<b>GAJIT</b>	071	FL350	042	497	134	29.1 /	67.8	15 07.34
				P06 303/025	520	950	N5120.7	W00200.0	...../.....
DCT	<b>ENHAQ</b>	070	FL350	024	497	11	28.9 /	67.9	01 07.35
				P06 310/023	511	939	N5124.4	W00143.2	...../.....
M197	<b>ICTAM</b>	071	FL350	024	497	22	28.6 /	68.3	03 07.38
				P06 325/019	508	916	N5131.6	W00109.8	...../.....
M197	<b>IPRIL</b>	075	FL350	024	498	36	28.0 /	68.8	04 07.42
				P07 297/039	518	880	N5140.5	W00013.6	...../.....
M197	<b>KOBBI</b>	074	FL350	023	498	3	28.0 /	68.8	00 07.42
				P07 295/040	526	878	N5141.2	W00009.3	...../.....
M197	<b>BRAIN</b>	075	FL350	024	499	31	27.6 /	69.3	04 07.46
				P09 293/039	531	847	N5148.7	E00039.1	...../.....
M197	<b>GASBA</b>	075	FL350	024	500	6	27.5 /	69.4	00 07.46
				P09 293/038	531	840	N5150.2	E00048.9	...../.....
M197	<b>RATLO</b>	073	FL350	024	502	33	27.0 /	69.8	04 07.50
				P11 289/030	527	807	N5159.5	E00140.9	...../.....
M197	<b>REDFA</b>	075	FL350	024	503	31	26.6 /	70.3	04 07.54
-EHAA				P12 283/028	528	776	N5206.9	E00229.3	...../.....
L620	<b>TACHA</b>	071	FL350	014	504	29	26.2 /	70.7	03 07.57
				P12 277/027	528	747	N5215.4	E00314.5	...../.....
L620	<b>TULIP</b>	072	FL350	014	504	24	25.8 /	71.0	03 08.00
				P12 271/026	529	724	N5222.1	E00351.4	...../.....
	<b>EDDF</b>	090	FL350	017		15	25.6 /	71.2	01 08.01
				P10 258/038		708	N5221.5	E00417.0	...../.....
L620	<b>BASNO</b>	090	FL350	017	504	11	25.5 /	71.4	02 08.03
				P13 267/027	531	697	N5221.0	E00434.5	...../.....
L620	<b>PAM</b>	091	FL350	024	<b>117.80</b>	504	25.2 /	71.6	02 08.05
PAMPUS				P13 265/027	531	678	N5220.1	E00505.5	...../.....
P62	<b>RAKIX</b>	113	FL350	024	504	28	24.8 /	72.0	03 08.08
				P13 264/031	530	650	N5208.2	E00546.6	...../.....
P62	<b>UNKAR</b>	113	FL350	024	504	16	24.6 /	72.3	02 08.10
				P12 263/033	531	634	N5201.3	E00609.9	...../.....
P62	<b>TEBRO</b>	113	FL350	022	504	17	24.3 /	72.5	02 08.12
-EDVV				P12 261/036	532	617	N5153.7	E00635.3	...../.....

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DCT	<b>PODIP</b>	138	FL350	038	503	73	23.3 / 73.5	08	08.20
				P11 264/052	527	543	N5056.6 E00749.2	...../.....	
DCT	<b>*BDRY</b>	141	FL350	043	503	12	23.1 / 73.7	02	08.22
-EDUU				P11 265/056	527	531	N5046.4 E00800.6	...../.....	
DCT	<b>BOMBI</b>	142	FL350	043	503	53	22.4 / 74.4	05	08.27
				P11 268/067	536	478	N5003.4 E00848.0	...../.....	
L984	<b>BAMTO</b>	085	FL350	048	501	9	22.3 / 74.6	01	08.28
				P12 267/064	569	470	N5003.6 E00901.4	...../.....	
L984	<b>LOHRE</b>	085	FL350	048	501	18	22.1 / 74.8	02	08.30
				P12 263/061	566	452	N5004.0 E00929.2	...../.....	
L984	<b>OSBIT</b>	086	FL350	048	502	11	21.9 / 74.9	01	08.31
				P12 260/060	563	440	N5004.2 E00947.0	...../.....	
DCT	<b>KEMES</b>	115	FL350	048	501	64	21.1 / 75.8	08	08.39
				P09 251/069	546	376	N4933.0 E01113.5	...../.....	
	<b>LHBP</b>	115	FL350	072		101	19.7 / 77.2	11	08.50
				P06 243/062		276	N4842.5 E01326.7	...../.....	
DCT	<b>LAMSI</b>	117	FL350	072	497	7	19.6 / 77.2	01	08.51
				P05 236/065	524	269	N4839.2 E01335.0	...../.....	
DCT	<b>*BDRY</b>	096	FL350	072	497	10	19.5 / 77.4	01	08.52
-LOWV				P05 232/066	531	259	N4837.5 E01349.4	...../.....	
DCT	<b>MAREG</b>	096	*DES	072		128	18.1 / 78.7	14	09.06
-LZBB				P09 226/037		131	N4811.4 E01658.2	...../.....	
L175	<b>XENAK</b>	103	FL230	045	455	14	18.0 / 78.9	02	09.08
				P10 223/035	470	117	N4807.2 E01718.0	...../.....	
L175	<b>*TOD</b>	103	FL230	045	455	31	17.5 / 79.4	04	09.12
				P10 219/032	466	86	N4757.5 E01801.9	...../.....	
L175	<b>ANEXA</b>	103	*DES	045		19	17.4 / 79.4	03	09.15
				P11 225/030		67	N4751.3 E01829.2	...../.....	
ANEX2H	<b>*BDRY</b>	142	*DES	045		6	17.4 / 79.5	01	09.16
-LHCC				P11 223/028		60	N4745.9 E01834.3	...../.....	
ANEX2H	<b>BP840</b>	142	*DES	045		5	17.4 / 79.5	00	09.16
				P11 222/026		55	N4741.4 E01838.7	...../.....	
ANEX2H	<b>BP841</b>	127	*DES	045		8	17.3 / 79.5	02	09.18
				P11 220/024		47	N4736.1 E01847.3	...../.....	
ANEX2H	<b>BP842</b>	127	*DES	045		7	17.3 / 79.6	01	09.19
				P11 217/022		40	N4731.2 E01855.4	...../.....	
ANEX2H	<b>BP843</b>	127	*DES	046		7	17.2 / 79.6	01	09.20
				P12 215/020		32	N4726.1 E01903.6	...../.....	

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ANEX2H	<b>BP844</b>	127	*DES 046	8	17.2 / 79.7	02	09.22
			P13 215/014	24	N4720.5 E01912.8	...../.....	
ANEX2H	<b>ATICO</b>	127	*DES 046	11	17.1 / 79.7	02	09.24
			P15 214/008	13	N4713.4 E01924.2	...../.....	
ANEX2H	<b>LHBP/31R</b>	334	496 046	13	16.8 / 80.1	06	09.30
	LISZT FERENC INTL				N4725.4 E01917.6	...../.....	

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## TCC213D KMIA-LHBP (13-Jul-2024) #1

WIND INFORMATION - OBS 13/JUL 06:00

(CLIMB)	FLUPS	ALOBI	BEXUM
FL300 121/010 -32	FL350 045/028 -44	FL350 028/027 -44	FL350 032/011 -45
FL240 130/006 -18	FL330 045/024 -39	FL330 028/022 -39	FL330 050/004 -40
18000 210/004 -7	FL310 043/017 -34	FL310 018/015 -34	FL310 197/004 -35
12000 176/008 +5	FL290 040/011 -29	FL290 003/009 -30	FL290 207/009 -30
6000 164/009 +16	FL270 038/005 -25	FL270 322/004 -26	FL270 210/011 -26

LUNKR	4350N	4640N	4920N
FL350 015/003 -45	FL370 295/050 -50	FL370 292/068 -50	FL390 117/012 -46
FL330 205/003 -40	FL350 300/051 -47	FL350 293/067 -47	FL370 108/021 -48
FL310 214/009 -35	FL330 301/052 -42	FL330 294/067 -43	FL350 104/032 -50
FL290 217/013 -30	FL310 299/050 -37	FL310 295/065 -38	FL330 099/037 -49
FL270 221/014 -26	FL290 297/049 -32	FL290 294/061 -33	FL310 092/036 -45

BEDRA	GAPLI	GAJIT	BRAIN
FL390 154/013 -48	FL390 231/015 -53	FL390 289/024 -48	FL390 284/032 -45
FL370 139/017 -49	FL370 233/024 -52	FL370 296/025 -48	FL370 289/036 -45
FL350 127/021 -51	FL350 234/035 -50	FL350 304/025 -49	FL350 293/040 -46
FL330 121/023 -49	FL330 235/037 -47	FL330 319/021 -47	FL330 303/037 -45
FL310 116/022 -44	FL310 235/031 -42	FL310 360/016 -43	FL310 326/029 -43

TULIP	TEBRO	BOMBI	LAMSI
FL390 271/022 -42	FL390 260/028 -42	FL390 260/049 -44	FL390 240/060 -51
FL370 272/024 -42	FL370 261/032 -42	FL370 265/057 -43	FL370 239/063 -50
FL350 271/027 -42	FL350 262/036 -42	FL350 269/068 -43	FL350 236/066 -49
FL330 273/025 -43	FL330 260/040 -43	FL330 269/074 -43	FL330 235/067 -46
FL310 279/020 -44	FL310 257/043 -45	FL310 267/074 -42	FL310 236/065 -41

XENAK	(DESCENT)
FL270 231/037 -30	FL340 218/040 -46
FL250 226/036 -25	FL270 222/038 -30
FL230 223/036 -21	FL200 221/029 -13
FL210 225/036 -17	FL130 224/023 0
FL190 227/036 -13	6000 198/008 +16

END FLIGHTPLAN 02077 TCC213D PJTGI KMIA-LHBP 13JUL2024



## TCC213D KMIA-LHBP (13-Jul-2024) #1

### [ATC FLIGHTPLAN]

(FPL-TCC213D-IS  
-B77W/H-SDE1FGHIJ1M1RWXY/LB2  
-KMIA2125  
-M089F310 FOLZZ3 SUMRS M204 SOORY/M085F330 NATZ 48N030W/M085F350  
NATZ NASBA DCT GAPLI DCT GAJIT DCT ENHAQ M197 REDFA L620 PAM P62  
TEBRO DCT PODIP DCT BOMBI L984 OSBIT DCT KEMES DCT LAMSI DCT  
MAREG L175 XENAK/N0455F230 L175 ANEXA  
-LHBP0930 LOWW  
-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/240713 REG/PJTGI  
EET/KZWY0038 43N050W0336 CZQX0409 46N040W0428 EGGX0516  
49N020W0607 BEDRA0632 NASBA0642 GAPLI0706 EGT0706 EHAA0754  
EDVV0812 EDUU0822 LOVV0852 LZBB0906 LHCC0916  
SEL/EFAQ CODE/48417E RVR/75 OPR/TRADEWIND CARIBBEAN  
ORGN/TNCCTCAP PER/D  
RALT/TXKF LPLA  
RMK/TCAS  
-E/1157)

**TCC213D KMIA-LHBP (13-Jul-2024) #1****[PLANNING WEATHER]****ORIGIN: KMIA/MIA (MIAMI INTL, UNITED STATES)****UTC -04:00**

KMIA 131253Z 04004KT 10SM SCT030 BKN250 29/25 A3018 RMK A02 SLP221 CB DSNT  
SE-S MOV NW T02940250 \$  
KMIA 131258Z 1313/1418 08007KT P6SM VCTS SCT035CB BKN250  
FM131700 11010KT P6SM VCTS SCT035CB BKN050  
FM140000 09007KT P6SM SCT040 SCT250  
FM140600 10006KT P6SM SCT050 BKN250

**DESTINATION: LHBP/BUD (LISZT FERENC INTL, HUNGARY)****UTC +02:00**

LHBP 131330Z 27005KT 150V320 CAVOK 35/17 Q1010 NOSIG  
LHBP 131115Z 1312/1412 26005KT CAVOK  
TEMPO 1312/1317 VRB04KT  
BECMG 1317/1320 01005KT  
PROB40 TEMPO 1320/1403 VRB20G38KT 2000 TSRA SQ SCT050CB BKN120

**ALTERNATE: LOWW/VIE (SCHWECHAT, AUSTRIA)****UTC +02:00**

LOWW 131320Z 05004KT 320V110 9999 FEW040 27/17 Q1012 NOSIG  
LOWW 131115Z 1312/1418 36008KT 9999 FEW040 TX28/1414Z TN19/1403Z  
TEMPO 1312/1418 VRB05KT  
TEMPO 1314/1401 FEW050CB  
PROB40 TEMPO 1314/1319 -TSRA  
PROB40 TEMPO 1319/1401 VRB15G30KT TSRAGR  
TEMPO 1415/1418 FEW050CB

**EDTO AIRPORT: LPLA/TER (LAJES AB, PORTUGAL)****UTC +00:00**

LPLA 131300Z /////KT 9999 FEW020 23/16 Q1015  
LPLA 131101Z 1312/1412 34013KT 4000 -DZRA BR BKN007BKN012  
BECMG 1312/1314 9999 NSW SCT012 BKN025  
PROB40 TEMPO 1312/1316 5000 SHRA SCT012 BKN018 FEW030CB

**EDTO AIRPORT: TXKF/BDA (L F WADE INTL, BERMUDA)****UTC -03:00**

TXKF 131255Z 13009KT 9999 FEW019 28/23 Q1030  
TXKF 131131Z 1312/1412 11008KT 9999 SCT020

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

KILM 131253Z 15004KT 10SM FEW060 SCT120 25/23 A3017 RMK A02 RAE36 TSB04E24  
SLP217 P0002 T02500233 \$  
KILM 131315Z 1313/1412 15004KT P6SM VCSH SCT020 OVC150  
PROB30 1313/1315 3SM SHRA BR BKN020  
FM131700 20008KT P6SM VCTS SCT035CB BKN150  
FM140000 21008KT P6SM VCSH BKN035 OVC100

**TCC213D KMIA-LHBP (13-Jul-2024) #1**

**ADEQUATE: EINN/SNN (SHANNON INTL, IRELAND)**

**UTC +01:00**

EINN 131330Z 32005KT 260V030 9999 SCT024 BKN034 17/12 Q1015 NOSIG  
EINN 131100Z 1312/1412 32010KT 9999 SCT012 BKN018  
PROB30 TEMPO 1312/1315 BKN014  
BECMG 1314/1316 26008KT  
PROB30 TEMPO 1401/1406 3000 BR BKN005  
PROB40 TEMPO 1406/1408 3000 BR BKN005  
PROB30 TEMPO 1409/1412 -SHRA FEW020CB

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

**UTC +01:00**

EGKK 131320Z 28005KT 190V340 9999 SCT045 20/09 Q1013  
EGKK 131053Z 1312/1418 26005KT 9999 SCT030  
TEMPO 1313/1319 6000 SHRA  
TEMPO 1400/1406 7000  
PROB40 1402/1406 4000 BR

**ADEQUATE: EDDF/FRA (FRANKFURT/MAIN, GERMANY)**

**UTC +02:00**

EDDF 131320Z AUTO 25011KT 210V290 9999 /////////////// 23/09 Q1013 NOSIG  
EDDF 131100Z 1312/1418 23010KT CAVOK  
TEMPO 1312/1314 BKN040  
BECMG 1318/1320 VRB03KT  
BECMG 1408/1410 22009KT

TCC213D KMIA-LHBP (13-Jul-2024) #1

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/3 TRACKS FLS 340/390 INCLUSIVE  
JUL 13/1130Z TO JUL 13/1900Z  
PART ONE OF THREE PARTS-

A RESNO 55/20 54/30 53/40 51/50 ALLRY  
EAST LVLS NIL  
WEST LVLS 340 350 360 370 380 390  
EUR RTS WEST NIL  
NAR NIL N484E N478B N476B-

B VENER 5430/20 5330/30 5230/40 5030/50 BUDAR  
EAST LVLS NIL  
WEST LVLS 350 360 370 380 390  
EUR RTS WEST NIL  
NAR NIL N448A N436B-

C DOGAL 54/20 53/30 52/40 50/50 ELSIR  
EAST LVLS NIL  
WEST LVLS 340 350 360 370 380 390  
EUR RTS WEST NIL  
NAR NIL N414A N402C-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 340/390 INCLUSIVE  
JUL 13/1130Z TO JUL 13/1900Z  
PART TWO OF THREE PARTS-

D NEBIN 5330/20 5230/30 5130/40 4930/50 IBERG  
EAST LVLS NIL  
WEST LVLS 350 360 370 380 390  
EUR RTS WEST NIL  
NAR NIL N378B N364A-

E MALOT 53/20 52/30 51/40 49/50 JOOPY  
EAST LVLS NIL  
WEST LVLS 340 350 360 370 380 390  
EUR RTS WEST NIL  
NAR NIL N342B N328A-

F TOBOR 5230/20 5130/30 5030/40 4830/50 MUSAK  
EAST LVLS NIL  
WEST LVLS 350 360 370 390  
EUR RTS WEST NIL  
NAR NIL N308A N288A-

G LIMRI 52/20 51/30 50/40 48/50 NICSO  
EAST LVLS NIL  
WEST LVLS 350 360 370 390  
EUR RTS WEST NIL  
NAR NIL N268A N254A-

H ADARA 5130/20 5030/30 4930/40 4730/50 OMSAT

**TCC213D KMIA-LHBP (13-Jul-2024) #1**

EAST LVLS NIL  
WEST LVLS 350 360 370 390  
EUR RTS WEST NIL  
NAR NIL N238B N210B-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 340/390 INCLUSIVE  
JUL 13/1130Z TO JUL 13/1900Z  
PART THREE OF THREE PARTS-

J DINIM 51/20 50/30 49/40 47/50 PORTI  
EAST LVLS NIL  
WEST LVLS 350 360 370 390  
EUR RTS WEST NIL  
NAR NIL N202E N174C-

REMARKS.

1. TMI IS 195 OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. SEND RCL 90-30 MINUTES PRIOR TO OCEANIC ENTRY POINT.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS  
TRACK A  
TRACK B  
TRACK C  
TRACK D  
TRACK E  
TRACK F  
TRACK G  
TRACK H  
TRACK J  
END OF PBCS OTS
4. INCLUDE THE MAX LEVEL IN RCL. IF NO MAX LEVEL IS PROVIDED THE RCL LEVEL WILL BE CONSIDERED HIGHEST ACCEPTABLE FL THAT CAN BE MAINTAINED AT THE OCEANIC ENTRY POINT.
5. CLEARANCE MAY DIFFER FROM THE FLIGHT PLAN, FLY THE CLEARANCE.
6. STRATEGIC LATERAL OFFSET PROCEDURE SHOULD BE USED FOR ALL OCEANIC CROSSINGS. LEFT SLOP IS PROHIBITED.
7. 10 MINUTES AFTER PASSING OEP SQUAWK 2000 UNLESS OTHERWISE INSTRUCTED.
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. UK AIP. ENR2.2 PARA 3.5.2 STATES THAT NAT OPERATORS SHALL FILE PRM'S.
11. OPERATORS SHOULD REFERENCE NAT DOC 007 CHAPTER 8 AND 13 FOR SPECIFIC NAT OCEANIC PROCEDURES.
12. DATA LINK EQUIPPED FLIGHTS NOT LOGGED ONTO DOMESTIC AIRSPACE, PRIOR TO ENTERING THE SHANWICK OCA, MUST INITIATE A LOGON TO EGGX 10-25 MINS PRIOR TO OCA ENTRY.
13. DUE TO THE CONTINUED IMPACT OF PRE-BOUNDARY GNSS INTERFERENCE, CREWS ARE REMINDED OF THE REQUIREMENTS WITHIN NOTAM G0106/24. -

END OF PART THREE OF THREE PARTS)

**TCC213D KMIA-LHBP (13-Jul-2024) #1**

(NAT-1/3 TRACKS FLS 320/400 INCLUSIVE  
JUL 14/0100Z TO JUL 14/0800Z  
PART ONE OF THREE PARTS-

S ALLRY 51/50 53/40 55/30 56/20 PIKIL SOVED  
EAST LVLS 320 330 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N389B N381B-

T ELSIR 50/50 52/40 54/30 55/20 RESNO NETKI  
EAST LVLS 320 330 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N329B N323A-

U JOOPY 49/50 51/40 53/30 54/20 DOGAL BEXET  
EAST LVLS 320 330 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N269A N261A-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 320/400 INCLUSIVE  
JUL 14/0100Z TO JUL 14/0800Z  
PART TWO OF THREE PARTS-

V NICSO 48/50 50/40 52/30 53/20 MALOT GISTI  
EAST LVLS 320 330 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N211E N197A-

W PORTI 47/50 49/40 51/30 52/20 LIMRI XETBO  
EAST LVLS 320 330 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N155A N139A-

X SUPRY 46/50 48/40 50/30 51/20 DINIM ELSEX  
EAST LVLS 320 330 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N93A N75A-

Y RAFIN 45/50 47/40 49/30 50/20 SOMAX ATSUR  
EAST LVLS 320 330 340 350 360 370 380 390 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR N59C N45D-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 320/400 INCLUSIVE  
JUL 14/0100Z TO JUL 14/0800Z

**TCC213D KMIA-LHBP (13-Jul-2024) #1**

PART THREE OF THREE PARTS-

Z SOORY 43/50 46/40 48/30 49/20 BEDRA NASBA  
EAST LVLS 320 330 360 380 400  
WEST LVLS NIL  
EUR RTS EAST NIL  
NAR NIL-

REMARKS:

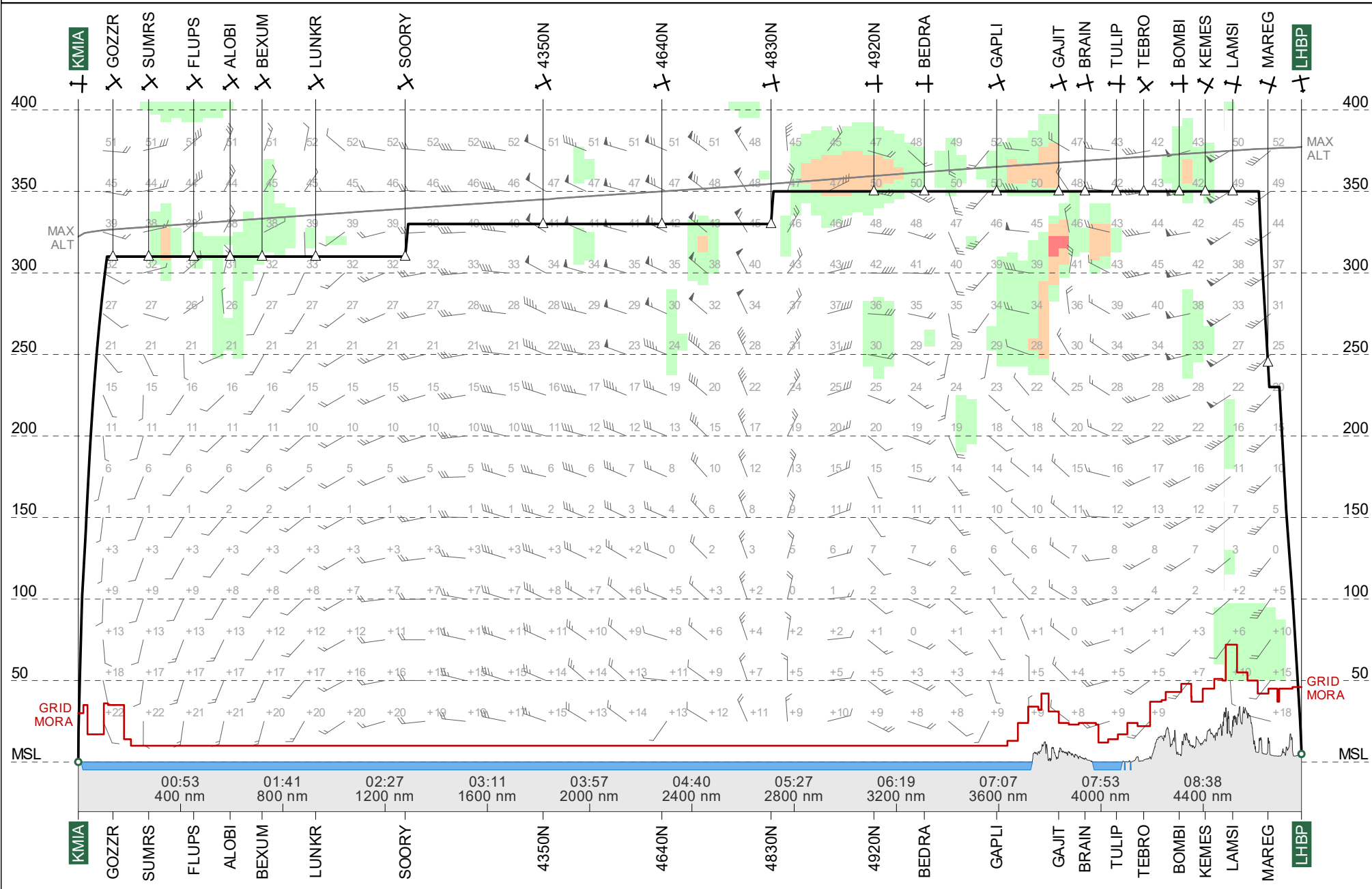
- 1.THE TMI IS 196 OPERATORS ARE REMINDED TO INCLUDE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
- 2.SEND RCL 90-60 MINUTES PRIOR TO OCEANIC ENTRY POINT
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS:  
NO ASSIGNED PBCS TRACKS  
END OF PBCS OTS.
- 4.INCLUDE THE MAX LEVEL IN RCL. IF NO MAX LEVEL IS PROVIDED THE 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.
- 7.10 MINUTES AFTER PASSING OEP SQUAWK 2000 UNLESS OTHERWISE INSTRUCTED
- 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 119.7, 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)

# TR213D #1

## KMIA → LHPB

ETD 13 Jul 21:25z  
PJTGI B77W





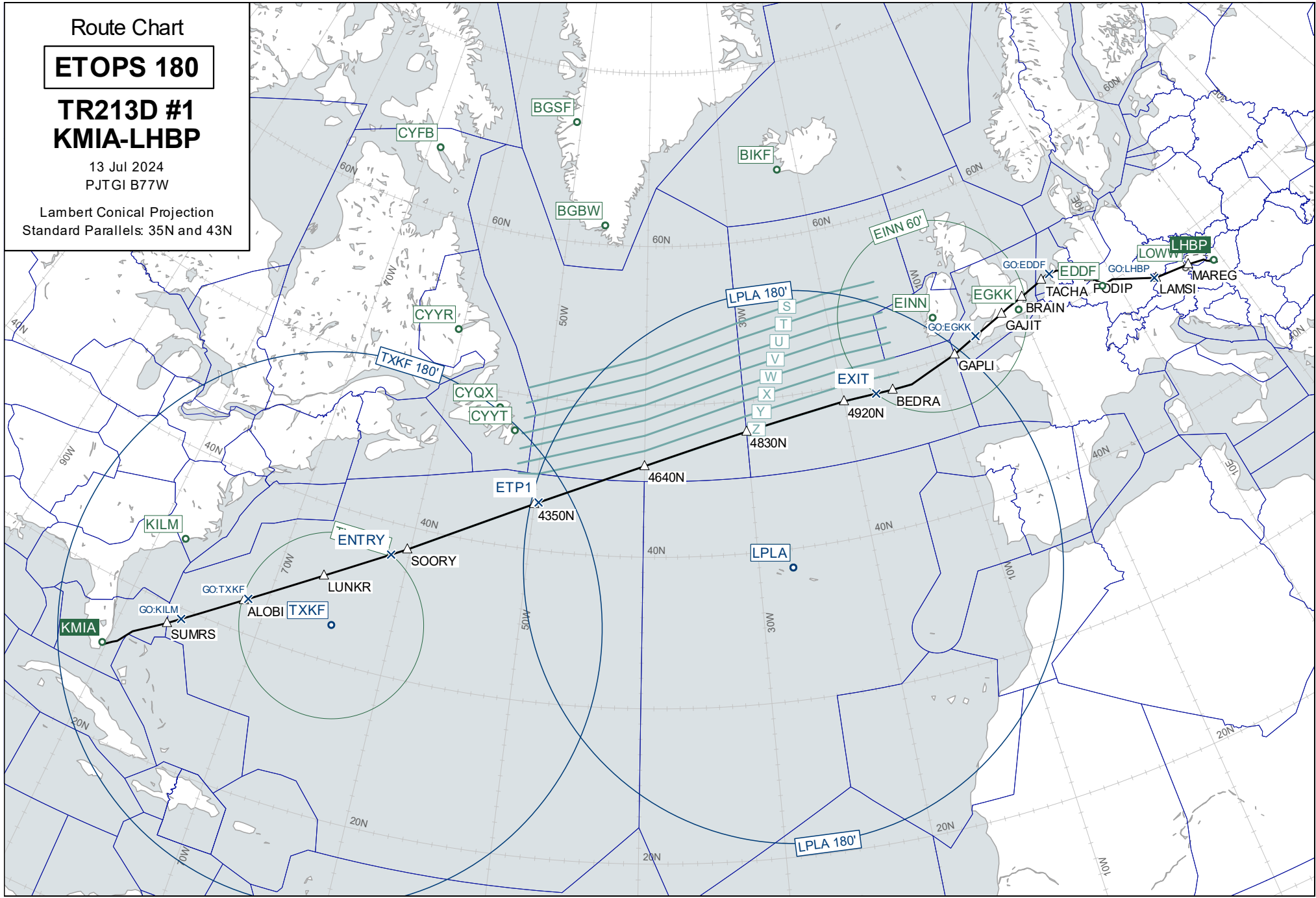
Route Chart

**ETOPS 180**

**TR213D #1**  
**KMIA-LHBP**

13 Jul 2024  
PJTGI B77W

Lambert Conical Projection  
Standard Parallels: 35N and 43N



Wind Chart

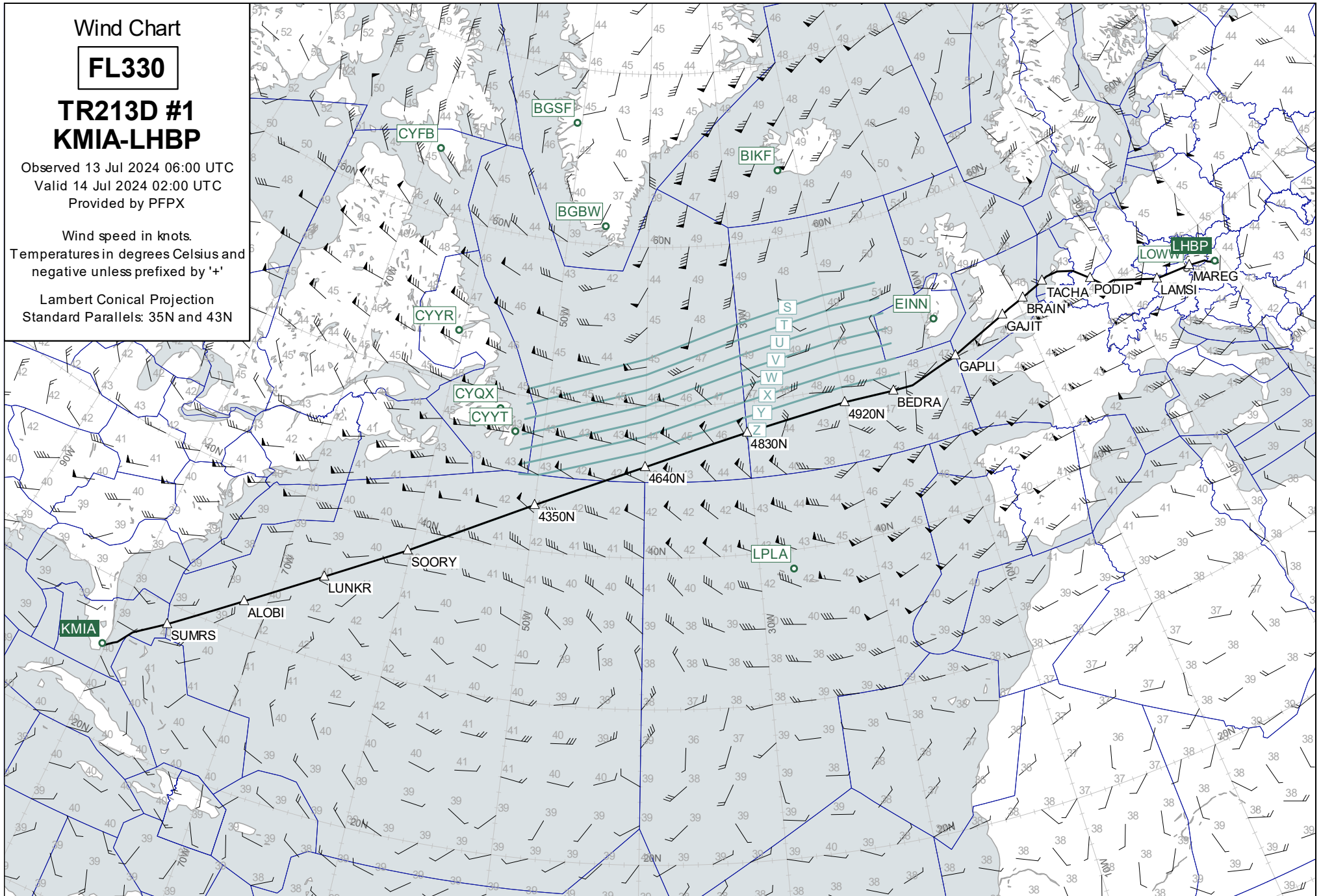
**FL330**

**TR213D #1  
KMIA-LHBP**

Observed 13 Jul 2024 06:00 UTC  
Valid 14 Jul 2024 02:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 35N and 43N



Wind Chart

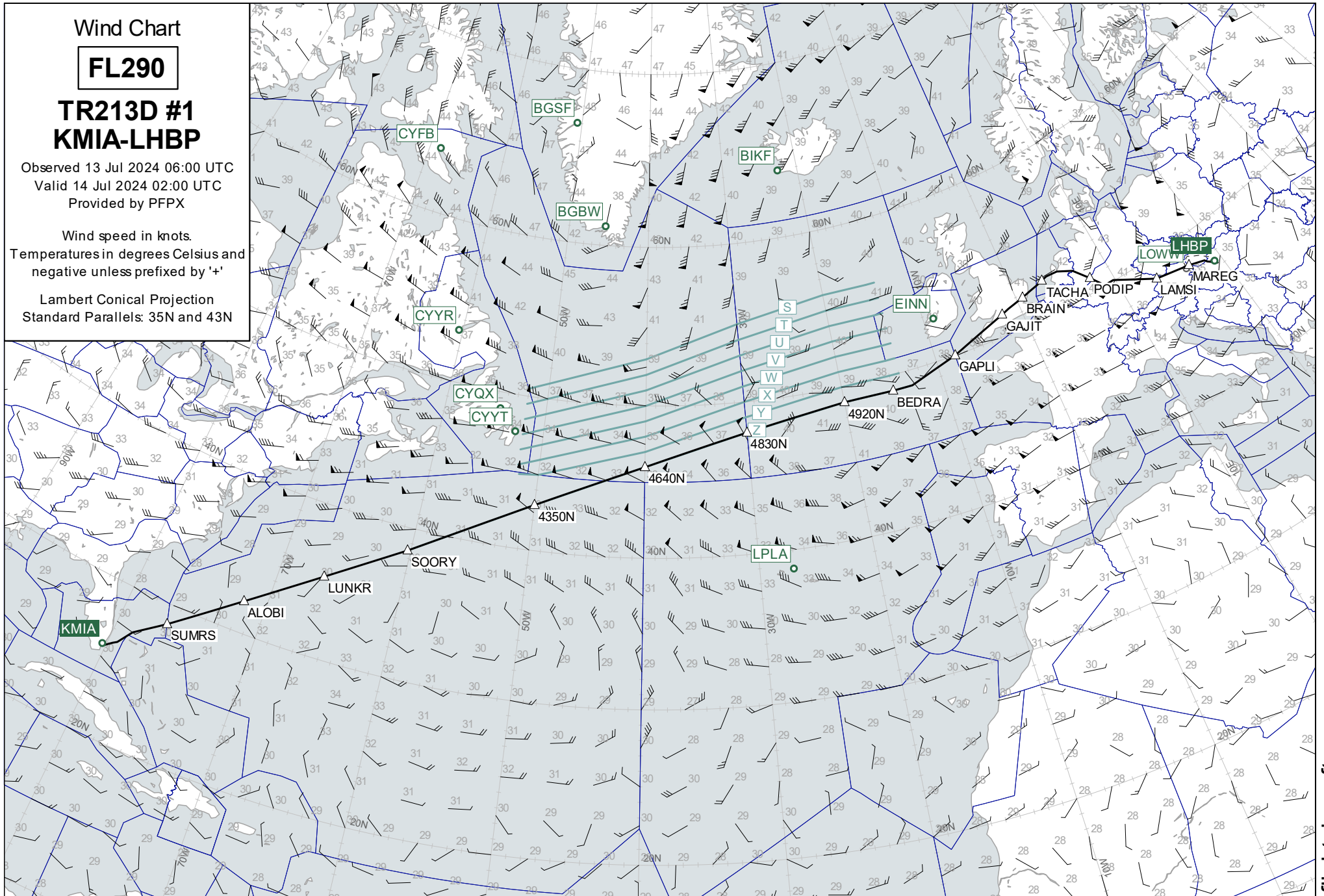
**FL290**

**TR213D #1  
KMIA-LHBP**

Observed 13 Jul 2024 06:00 UTC  
Valid 14 Jul 2024 02:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 35N and 43N



Wind Chart

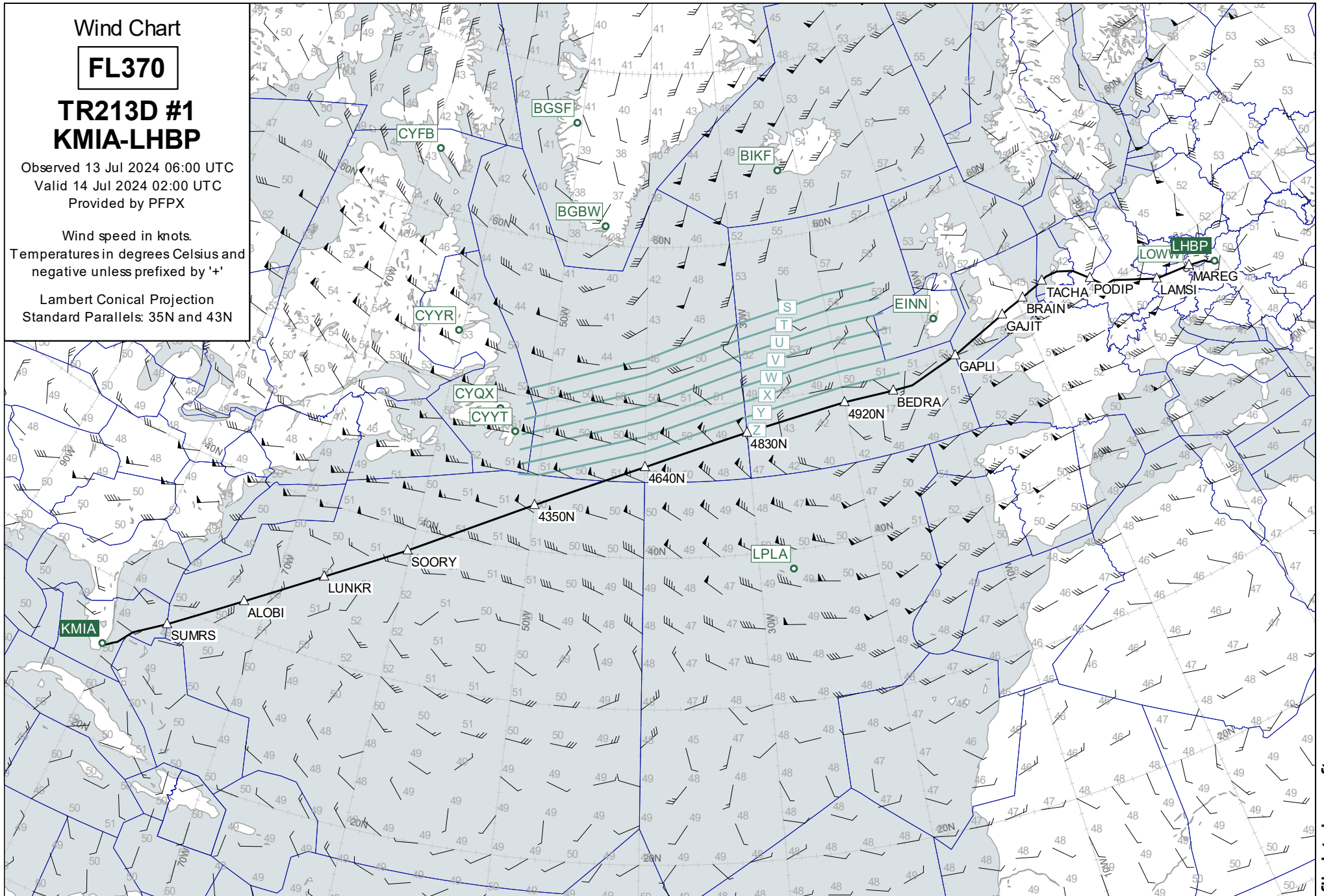
**FL370**

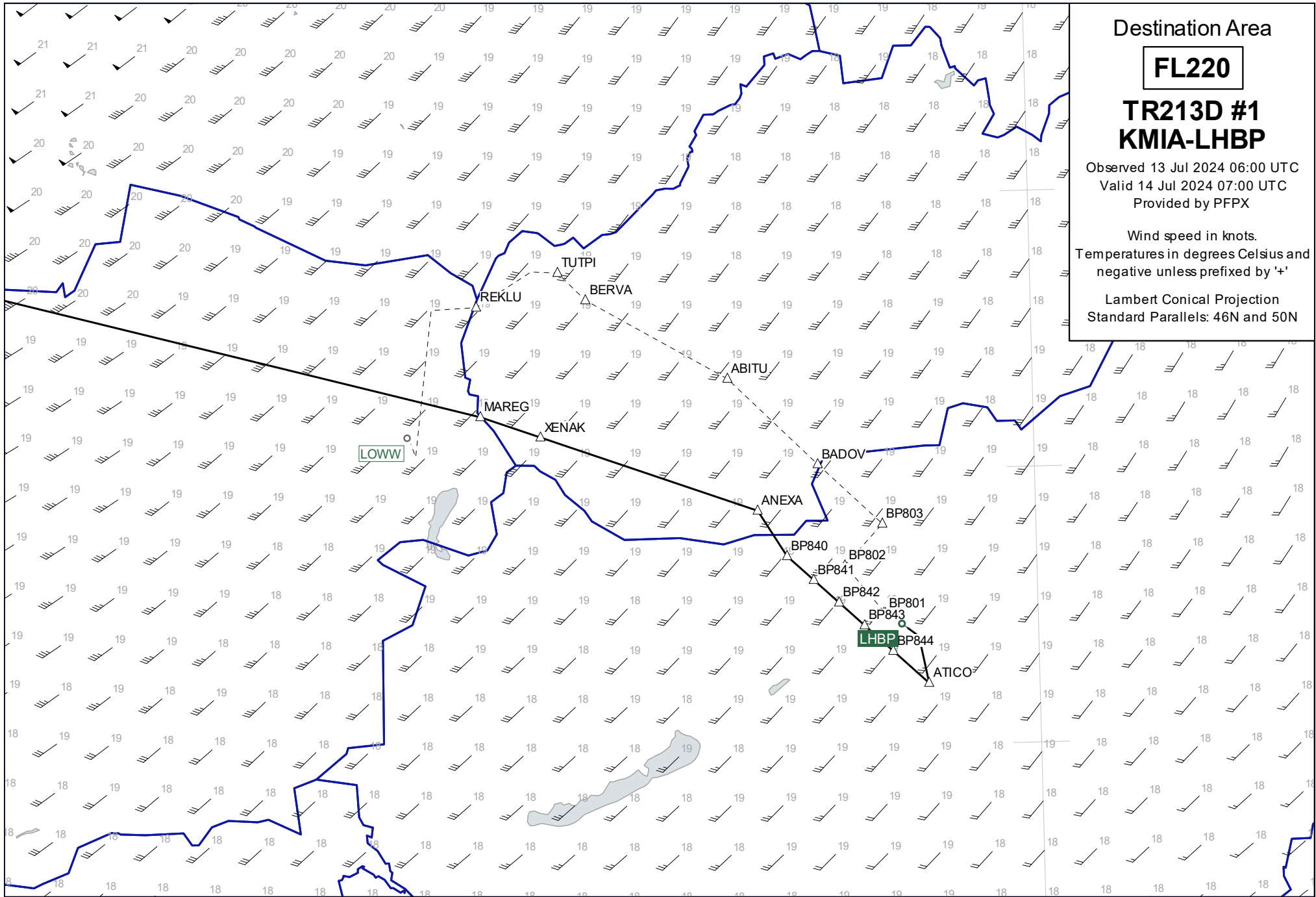
**TR213D #1  
KMIA-LHBP**

Observed 13 Jul 2024 06:00 UTC  
Valid 14 Jul 2024 02:00 UTC  
Provided by PFPX

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

Lambert Conical Projection  
Standard Parallels: 35N and 43N





Destination Area

**FL220**

**TR213D #1**  
**KMIA-LHBP**

Observed 13 Jul 2024 06:00 UTC

Valid 14 Jul 2024 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

## TR213D #1 KMIA-LHBP

13 Jul 2024  
PJTGI B77W

Lambert Conical Projection  
Standard Parallels: 46N and 49N

