



Tradewind VA



Flight Briefing Package

TCC311D LOWW-KMEM

10-Jul-2022 #2

RELEASE #2

SCHWECHAT
(AUSTRIA)

-

MEMPHIS INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

10 JUL 1517 UTC

TCC311D LOWW-KMEM (10-Jul-2022) #2

TRADEWIND PACIFIC FLIGHTPLAN - IFR TCC311D FOHGH LOWW-KMEM

 ALL WEIGHTS IN KILOGRAMS (KG) STD 10JUL/1925Z

OPF 2 - PREPARED 10JUL/1517Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR311D/TCC311D FOHGH/B777-300ER SEL/AGAH ROUTE: LOWWKMEM01

DEP: LOWW/VIE 29 ELEV 600 FT COST INDEX: 250 TTL G/C DIST: 4463 NM
 ARR: KMEM/MEM 36L ELEV 341 FT INIT ALT: FL320 TTL F/P DIST: 4623 NM
 FUEL BIAS: 102.5% TTL AIR DIST: 4798 NM
 AVG WIND CMP: HD018 KT

ALT: KBNA/BNA 02R ELEV 599 FT 180 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM		ZFW	TOW	LDW
STANDARD	167541	338	0	33462	34121 LDW	MAX	237682	351534	251290
						PLN	201003	293603	217169
						ACT	.....	.....	.....

	FUEL	CORR	ENDUR	
TRIP	76434	.....	09:55	
CONT 5%	3822	.....	00:38	
ALTN KBNA	4439	.....	00:37	
FINAL RESV	2994	.....	00:30	
HOLD	1999	.....	00:20	
ADD FUEL	1412	.....	00:12	
MIN T/O	91100	.....	12:12	.....
EXTRA	1500	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	510	.....	00:15	
RELEASE	93110	.....	12:42	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	15860	.....	02:23	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145524 KG / MAX EXTRA FUEL 35621 KG LIM BY LDW
 TRIP CORR FOR 5000 KG TOW INCR: +1126 KG / 5000 KG TOW DECR: -1081 KG
 2000 FT LOWER: +1621 KG / EET 09:49 CLB: 250/310/.84 DES: .84/280/250

LOWW	STD 19:25Z/21:25L	ETD 19:25Z	ACT OFBL	EST T/O 19:40Z	ACT T/O
KMEM	STA 05:50Z/00:50L	ETA 05:44Z	ACT ONBL	EST LDG 05:35Z	ACT LDG
	SKD 10:25	PLN 10:19	TTL BLCK	EST FLT 09:55	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (BIKF)	89 NM BEFORE 6440N	N64 04.6 W036 37.9	EET 04:24
ETOPS EXIT (BIKF)	61 NM BEFORE 6440N	N64 03.7 W037 41.8	EET 04:27
ETOPS ENTRY (CYYR)	20 NM BEFORE MAXAR	N61 36.7 W057 22.1	EET 05:34
ETOPS EXIT (CYYR)	435 NM BEFORE SOCAN	N58 44.9 W065 30.4	EET 06:10
ETOPS ENTRY (CYYR)	312 NM BEFORE SOCAN	N57 25.4 W068 26.2	EET 06:25
ETOPS EXIT (CYYR)	8 NM BEFORE SOCAN	N53 52.9 W074 50.4	EET 07:01

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

BIKF (00:48-02:43)
 CYYR (02:10-04:10)

TCC311D LOWW-KMEM (10-Jul-2022) #2

ONE ENGINE OUT DECOMP ETP 1 FOR BIKF/CYR N63 12.9 W048 23.0 EET 05:02
 .84/280/250 DESC TO FL100 CRUISE AT .84 46 NM BEFORE 6350N
 PLN FUEL OVER ETP 48561 ETP FUEL REQ 17347 DIV TIME 02:01
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 686 NM WC HD008 TT 075
 ETP TO CYR (N53 19.2 W060 25.6) DIST 704 NM WC TL001 TT 218

ALL ENGINE DECOMP ETP 1 FOR BIKF/CYR N63 12.9 W048 23.0 EET 05:02
 .84/280/250 DESC TO FL100 CRUISE AT LRC 46 NM BEFORE 6350N
 PLN FUEL OVER ETP 48561 ETP FUEL REQ 16747 DIV TIME 02:01
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 686 NM WC HD008 TT 075
 ETP TO CYR (N53 19.2 W060 25.6) DIST 704 NM WC TL001 TT 218

ONE ENGINE OUT ETP 1 FOR BIKF/CYR N63 07.3 W049 06.6 EET 05:04
 .84/310/250 DESC TO FL360 CRUISE AT .84 25 NM BEFORE 6350N
 PLN FUEL OVER ETP 48258 ETP FUEL REQ 13949 DIV TIME 01:25
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 706 NM WC TL005 TT 074
 ETP TO CYR (N53 19.2 W060 25.6) DIST 687 NM WC HD005 TT 216

ATC ROUTE: N0499F320 OTGA2C MEDIX DCT LAMSI DCT RODIS DCT GASKA L604 RELBI L602
 RKN DCT LONAM M90 ROLUM/N0492F340 M90 GIVEM DCT BALIX DCT 62N020W
 64N030W 64N040W/M085F360 63N050W DCT MAXAR N860A MUSLO N850A LOPVI
 DCT SOCAN DCT VETRO DCT TVC DCT OBK J19 RBS/N0499F340 J71 HUMBO
 HYTHR2

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KBNA/02R 180 FL210 045 HD014 00:37 4439 - ELVIS4 EONEE DCT GHM

MOST CRITICAL MORA 10800 FT AT 6350N

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA	FREQ WND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO	ACC ATO
	LOWW/29 SCHWECHAT		600	042				92.6 / 0.5			
						4623	N4806.6	E01634.5/.....		
OTGA2C	WW296	240	*CLB	042		5	91.1 / 2.0	03 00.03			
				M01	325/029	4618	N4804.6	E01628.3/.....		
OTGA2C	WW383	216	*CLB	056		9	90.5 / 2.6	02 00.05			
				P02	313/037	4609	N4757.6	E01619.2/.....		
OTGA2C	WW398	285	*CLB	056		22	89.3 / 3.9	04 00.09			
				P07	328/047	4586	N4805.1	E01547.8/.....		
OTGA2C	OTGAR	305	*CLB	050		14	88.6 / 4.5	02 00.11			
				P06	329/053	4572	N4813.9	E01531.5/.....		
OTGA2C	MEDIX	304	*CLB	050		6	88.4 / 4.7	01 00.12			
				P05	327/054	4566	N4817.7	E01524.5/.....		
DCT	*TOC	283	FL320	055		500	87.3 / 5.9	04 00.16			

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				P02 318/052	454	4534	N4827.2	E01437.5/.....
DCT	*BDRY	282	FL320	072	499	34	86.6 /	6.5	05 00.21
-EDUU				P02 317/049	455	4500	N4836.6	E01348.7/.....
DCT	LAMSI	282	FL320	072	499	9	86.4 /	6.7	01 00.22
				P02 318/049	455	4490	N4839.2	E01335.0/.....
DCT	RODIS	304	FL320	072	499	81	84.9 /	8.2	11 00.33
				P02 321/050	450	4409	N4928.5	E01157.0/.....
	EDDK	306	FL320	045		22	84.4 /	8.7	03 00.36
				P01 313/052		4387	N4942.8	E01130.3/.....
DCT	GASKA	306	FL320	049	499	61	83.3 /	9.8	08 00.44
				P02 322/053	447	4326	N5021.1	E01016.7/.....
L604	ALIBU	306	FL320	049	499	2	83.2 /	9.9	00 00.44
				P02 322/053	447	4323	N5022.6	E01013.8/.....
L604	BIBEG	311	FL320	049	499	5	83.1 /	10.0	01 00.45
				P02 322/053	446	4318	N5026.1	E01008.2/.....
L604	DEMAB	309	FL320	049	499	9	82.9 /	10.2	01 00.46
				P02 321/053	446	4309	N5032.5	E00957.4/.....
L604	OBISI	306	FL320	048	499	12	82.7 /	10.4	02 00.48
				P02 321/053	447	4297	N5039.8	E00943.4/.....
L604	MASEK	306	FL320	048	499	6	82.6 /	10.5	00 00.48
				P02 321/053	447	4291	N5043.8	E00935.9/.....
L604	MAPOX	306	FL320	048	499	38	81.9 /	11.3	06 00.54
				P01 321/052	447	4253	N5108.0	E00848.8/.....
L604	*BDRY	306	FL320	043	499	11	81.7 /	11.5	01 00.55
-EDVV				P01 320/051	448	4242	N5114.9	E00835.3/.....
L604	BIGGE	306	FL320	043	499	8	81.5 /	11.6	01 00.56
				P01 320/051	448	4234	N5119.5	E00826.0/.....
L604	RELBI	306	FL320	043	499	77	80.0 /	13.1	10 01.06
				P02 317/048	452	4158	N5207.1	E00648.8/.....
L602	RKN	294	FL320	022	116.80	499	80.0 /	13.1	01 01.07
-EHAA	REKKEN			P02 317/048	454	4156	N5208.0	E00645.8/.....
DCT	LONAM	314	FL320	024	499	145	77.3 /	15.8	19 01.26
-EGTT				P01 311/044	453	4011	N5350.4	E00356.6/.....
M90	SOTUN	330	FL320	014	498	23	76.8 /	16.3	03 01.29
				P01 310/044	456	3988	N5410.6	E00337.6/.....
M90	ROLUM	304	*CLB	010		14	76.6 /	16.5	02 01.31
				P01 309/044		3974	N5418.3	E00318.5/.....
M90	*BDRY	303	FL340	014	492	75	75.1 /	18.0	10 01.41
-EGPX				P00 299/044	446	3899	N5500.0	E00131.3/.....

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EGPO 303 FL340 014 38 74.4 / 18.7 05 01.46
P02 322/054 3861 N5520.6 E00035.2/.....

M90 **GIVEM** 302 FL340 013 492 14 74.2 / 18.9 02 01.48
P00 288/045 447 3847 N5527.9 E00014.9/.....

----- 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 (.....) _____

DCT **BALIX** 307 FL340 055 492 395 67.0 / 26.1 52 02.40
-EGGX M00 246/054 455 3453 N5900.0 W01000.0/.....

BIKF 311 FL340 010 195 63.7 / 29.4 26 03.06
P02 243/064 3257 N6047.4 W01525.7/.....

DCT ***BDRY** 309 FL340 010 496 25 63.2 / 29.9 03 03.09
-BIRD P04 238/056 466 3232 N6100.0 W01609.7/.....

DCT **6220N** 309 FL340 010 497 126 61.1 / 32.0 16 03.25
62N020W P04 233/050 472 3107 N6200.0 W02000.0/.....

DCT **6430N** 309 FL340 010 497 298 56.2 / 36.9 37 04.02
64N030W P05 225/015 487 2809 N6400.0 W03000.0/.....

----- ETOPS ENTRY (BIKF) 0089 NM BEFORE 6440N EET 04:24 -----

----- ETOPS EXIT (BGSF) 0061 NM BEFORE 6440N EET 04:27 -----

DCT ***BDRY** 288 FL340 010 493 204 53.0 / 40.1 25 04.27
-BGGL P02 172/004 494 2605 N6403.6 W03744.8/.....

DCT **6440N** 288 *CLB 011 59 52.1 / 41.0 07 04.34
64N040W P02 157/005 2546 N6400.0 W04000.0/.....

***ETP 1** 283 FL360 108 497 228 48.6 / 44.5 28 05.02
BIKF/CYYR P11 128/005 499 2317 N6312.9 W04823.0/.....

DCT **6350N** 278 FL360 085 498 46 47.9 / 45.2 05 05.07
63N050W P12 078/002 501 2271 N6300.0 W05000.0/.....

DCT ***BDRY** 275 FL360 076 496 131 45.9 / 47.2 16 05.23
-CZQX P09 001/006 499 2140 N6213.5 W05426.6/.....

----- ETOPS ENTRY (BGSF) 0020 NM BEFORE MAXAR EET 05:34 -----

DCT **MAXAR** 269 FL360 010 495 111 44.3 / 48.8 14 05.37
P08 358/004 497 2029 N6128.0 W05800.0/.....

N860A **MUSLO** 263 FL360 010 494 141 42.3 / 50.9 17 05.54
P08 009/002 496 1888 N6010.0 W06200.0/.....

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N850A	*BDRY	256	FL360	010	494	4	42.2 / 50.9	00	05.54
-CZUL					P08 008/002	496 1885	N6007.9 W06205.6/.....	
N850A	LOPVI	256	FL360	075	494	84	41.0 / 52.1	10	06.04
					P08 048/003	497 1801	N5916.0 W06415.0/.....	
----- ETOPS EXIT (CYR) 0435 NM BEFORE SOCAN EET 06:10 -----									
----- ETOPS ENTRY (CYR) 0312 NM BEFORE SOCAN EET 06:25 -----									
----- ETOPS EXIT (CYV0) 0008 NM BEFORE SOCAN EET 07:01 -----									
DCT	SOCAN	239	FL360	032	495	485	34.1 / 59.0	58	07.02
					P08 310/058	490 1317	N5346.8 W07500.0/.....	
DCT	*BDRY	239	FL360	032	493	246	30.4 / 62.7	31	07.33
-CZYZ					P04 289/069	467 1071	N5041.3 W07922.8/.....	
DCT	VETRO	232	FL360	025	494	38	29.9 / 63.2	05	07.38
					P04 283/069	461 1033	N5012.0 W08000.0/.....	
DCT	*BDRY	228	FL360	036	495	288	25.5 / 67.6	38	08.16
-KZMP					P06 278/061	464 745	N4614.9 W08406.4/.....	
	KORD	221	FL360	036		38	24.9 / 68.2	05	08.21
					P07 256/052	706	N4542.8 W08436.3/.....	
DCT	TVC	220	FL360	041	114.60	496	23.8 / 69.3	09	08.30
	TRAVERSE CITY				P07 289/053	481 631	N4440.1 W08533.0/.....	
DCT	*BDRY	223	FL360	041	496	75	22.8 / 70.4	10	08.40
-KZAU					P08 302/057	489 557	N4339.7 W08634.1/.....	
DCT	OBK	221	*DES	030	113.00	106	21.3 / 71.8	13	08.53
	NORTHBROOK				P08 300/059	451	N4213.3 W08757.1/.....	
J19	RBS	190	FL340	035	116.80	499	20.0 / 73.1	11	09.04
	ROBERTS				P08 309/049	524 352	N4034.9 W08809.9/.....	
J71	JARKE	204	FL340	032	500	32	19.6 / 73.5	04	09.08
					P08 311/046	515 320	N4004.8 W08824.1/.....	
J71	*BDRY	203	FL340	032	500	5	19.5 / 73.6	00	09.08
-KZKC					P08 312/045	515 315	N3959.9 W08826.4/.....	
J71	GORDO	203	FL340	032	500	10	19.4 / 73.7	02	09.10
					P08 311/045	515 305	N3950.5 W08830.7/.....	
J71	WLDBL	203	FL340	032	500	16	19.1 / 74.0	01	09.11
					P08 312/043	515 289	N3935.6 W08837.7/.....	
J71	COWES	203	FL340	032	500	20	18.9 / 74.2	03	09.14
					P08 313/041	516 269	N3916.7 W08846.3/.....	
J71	CAROL	203	FL340	032	500	28	18.5 / 74.6	03	09.17
					P08 315/039	516 241	N3850.4 W08858.3/.....	
J71	BOSIE	202	FL340	027	500	11	18.3 / 74.8	01	09.18

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				P08 316/037 516 229 N3839.8 W08903.0/.....
	KMEM	202	FL340 027	6 18.3 / 74.9 01 09.19
			P08 290/040	224 N3834.5 W08905.4/.....
J71	ENL	202	FL340 027 115.00 500	10 18.1 / 75.0 01 09.20
	CENTRALIA		P08 318/036 517	214 N3825.2 W08909.5/.....
J71	*BDRY	194	FL340 036	500 62 17.3 / 75.8 07 09.27
-KZME			P09 332/027 521	152 N3724.3 W08924.8/.....
J71	*TOD	193	FL340 036	500 22 17.0 / 76.1 03 09.30
			P09 338/024 521	130 N3703.2 W08930.0/.....
J71	CRELL	193	*DES 036	11 17.0 / 76.1 01 09.31
			P11 352/024	120 N3652.9 W08932.5/.....
J71	HUMBO	193	*DES 023	16 16.9 / 76.2 02 09.33
			P13 000/022	104 N3637.7 W08936.1/.....
HYTHR2	PAYNN	193	*DES 023	21 16.9 / 76.3 03 09.36
			P16 009/020	83 N3617.3 W08941.2/.....
HYTHR2	HYTHR	193	*DES 023	15 16.8 / 76.3 03 09.39
			P17 018/022	69 N3602.9 W08944.7/.....
HYTHR2	ROBYE	192	*DES 026	20 16.7 / 76.4 03 09.42
			P17 039/019	49 N3543.2 W08949.1/.....
HYTHR2	ASSUR	193	*DES 026	11 16.6 / 76.5 02 09.44
			P17 049/016	38 N3532.4 W08951.7/.....
HYTHR2	KMEM/36L	193	341 026	38 16.2 / 76.9 11 09.55
	MEMPHIS INTL			N3501.4 W08959.2/.....

TCC311D LOWW-KMEM (10-Jul-2022) #2

WIND INFORMATION - OBS 10/JUL 06:00

(CLIMB)		LAMSI		GASKA		RELBI
FL310 321/055 -43	FL360 318/047 -52	FL360 320/052 -53	FL360 315/048 -53			
FL250 328/054 -29	FL340 318/051 -51	FL340 321/055 -52	FL340 318/050 -52			
FL180 327/044 -13	FL320 318/050 -46	FL320 322/053 -47	FL320 318/048 -47			
FL120 314/036 -6	FL300 319/049 -42	FL300 324/052 -41	FL300 317/046 -42			
6000 314/028 +3	FL280 322/049 -37	FL280 326/049 -37	FL280 319/044 -37			

LONAM		GIVEM		BALIX		6220N
FL360 309/045 -54	FL380 299/040 -54	FL380 251/052 -54	FL380 236/039 -46			
FL340 313/048 -52	FL360 294/042 -53	FL360 249/053 -53	FL360 235/045 -47			
FL320 311/045 -47	FL340 289/046 -52	FL340 246/055 -52	FL340 234/050 -48			
FL300 310/041 -42	FL320 289/041 -47	FL320 246/052 -47	FL320 232/047 -46			
FL280 311/038 -38	FL300 289/037 -42	FL300 246/050 -42	FL300 230/044 -45			

6430N		6350N		MAXAR		MUSLO
FL380 221/015 -43	FL400 095/003 -44	FL400 029/006 -45	FL400 028/007 -45			
FL360 223/015 -45	FL380 081/002 -44	FL380 012/006 -46	FL380 026/005 -46			
FL340 225/016 -47	FL360 079/003 -44	FL360 359/005 -48	FL360 009/003 -49			
FL320 227/014 -47	FL340 077/004 -45	FL340 341/004 -51	FL340 277/002 -52			
FL300 229/012 -47	FL320 087/008 -45	FL320 335/005 -50	FL320 262/003 -51			

SOCAN		VETRO		TVC		RBS
FL400 310/046 -47	FL400 285/077 -55	FL400 286/053 -56	FL380 309/050 -53			
FL380 310/052 -48	FL380 282/082 -55	FL380 286/052 -54	FL360 309/050 -49			
FL360 310/058 -49	FL360 283/070 -52	FL360 290/053 -50	FL340 309/049 -44			
FL340 311/065 -50	FL340 286/057 -49	FL340 294/055 -44	FL320 309/047 -39			
FL320 312/059 -48	FL320 291/052 -44	FL320 295/053 -39	FL300 310/046 -34			

CAROL		(DESCENT)
FL380 315/039 -53	FL330 010/031 -41	
FL360 315/039 -49	FL260 011/025 -23	
FL340 316/039 -44	FL200 017/022 -8	
FL320 319/036 -39	13000 016/018 +4	
FL300 324/033 -33	6000 023/012 +15	

END FLIGHTPLAN 01204 TCC311D FOHGH LOWW-KMEM 10JUL2022

TCC311D LOWW-KMEM (10-Jul-2022) #2

[ATC FLIGHTPLAN]

(FPL-TCC311D-IS

-B77W/H-SDE1FGHIJ1M1RWXY/LB2

-LOWW1925

-N0499F320 MEDIX DCT LAMSI DCT RODIS DCT GASKA L604 RELBI L602

RKN DCT LONAM M90 ROLUM/N0492F340 M90 GIVEM DCT BALIX DCT

62N020W 64N030W 64N040W/M085F360 63N050W DCT MAXAR N860A MUSLO

N850A LOPVI DCT SOCAN DCT VETRO DCT TVC DCT OBK J19

RBS/N0499F340 J71 HUMBO HYTHR2

-KMEM0955 KBNA

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/220710 REG/FOHGH

EET/EDUU0021 EDVV0055 EHAA0106 EGTT0126 EGPX0141 EGGX0240

BIRD0309 62N020W0325 64N030W0402 BGGL0427 64N040W0434

63N050W0507 CZQX0523 MAXAR0537 CZUL0554 CZYZ0733 KZMP0816

KZAU0840 KZKC0908 KZME0927

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

ORGN/NTAATPCP PER/D

RALT/BIKF CYR

RMK/TCAS

-E/1227)

TCC311D LOWW-KMEM (10-Jul-2022) #2

[PLANNING WEATHER]

ORIGIN: LOWW/VIE (SCHWECHAT, AUSTRIA)

UTC +02:00

LOWW 101450Z 34017KT 310V010 9999 FEW050 21/06 Q1018 NOSIG
LOWW 101415Z 1015/1121 31010KT 9999 FEW040 SCT050 TX22/1113Z TN12/1103Z
TEMPO 1015/1017 34020G30KT

DESTINATION: KMEM/MEM (MEMPHIS INTL, UNITED STATES)

UTC -05:00

KMEM 101454Z 06007KT 10SM OVC020 27/20 A3004 RMK A02 SLP166 T02670200
50013
KMEM 101135Z 1012/1118 02009KT P6SM BKN020
FM101400 03011KT P6SM FEW040
FM110300 06004KT P6SM SKC

ALTERNATE: KBNA/BNA (NASHVILLE INTL, UNITED STATES)

UTC -05:00

KBNA 101453Z VRB04KT 10SM BKN020 25/19 A3003 RMK A02 SLP164 T02500189
50010
KBNA 101122Z 1012/1112 03009KT P6SM OVC013
FM101500 02012KT P6SM SCT250
FM110300 04003KT P6SM SKC

EDTO AIRPORT: CYR/YR (GOOSE BAY, CANADA)

UTC -03:00

CYR 101500Z 33010KT 15SM FEW010 OVC014 10/07 A2972 RMK SF1SF8 SLP065
CYR 101140Z 1012/1112 32009KT P6SM FEW008 SCT012 BKN030
TEMPO 1012/1013 5SM -SHRA BR SCT008 BKN012 OVC025
FM101300 32008KT P6SM FEW008 SCT012 BKN030
TEMPO 1013/1018 SCT008 BKN012 OVC030
FM110300 VRB03KT P6SM SCT008 OVC015
FM110600 07005KT 5SM -SHRA BR OVC012
RMK NXT FCST BY 101800Z

EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 101500Z 20014KT 9999 BKN015 BKN040 11/09 Q1000
BIKF 101334Z 1015/1115 18012KT 9999 -RADZ BKN010 OVC015 TX12/1115Z
TN09/1106Z
TEMPO 1015/1106 3000 DZ BR OVC005
PROB40 TEMPO 1020/1106 0800 FG VV002
BECMG 1103/1105 18005KT SCT015 BKN025

TCC311D LOWW-KMEM (10-Jul-2022) #2

ADEQUATE: EDDK/CGN (COLOGNE-BONN, GERMANY)

UTC +02:00

EDDK 101450Z AUTO VRB02KT 9999 FEW022 BKN033 18/14 Q1025 NOSIG
EDDK 101100Z 1012/1118 32009KT 9999 BKN025
BECMG 1018/1021 VRB03KT
BECMG 1105/1108 33007KT
PROB30 TEMPO 1106/1108 BKN014

ADEQUATE: EGPO/SYY (STORNOWAY, UNITED KINGDOM)

UTC +01:00

EGPO 101450Z 21008KT 9999 FEW016 18/13 Q1024
EGPO 101357Z 1015/1024 19009KT 9999 FEW012 SCT019
PROB30 TEMPO 1015/1022 BKN012
PROB30 TEMPO 1022/1024 BKN004

ADEQUATE: BGSF/SFJ (KANGERLUSSUAQ, GREENLAND)

UTC -02:00

BGSF 101450Z AUTO 25007KT 9999NDV BKN050/// 09/04 Q1009
BGSF 101058Z 1012/1023 25008KT 9999 SCT020 BKN060
TEMPO 1012/1015 SCT015 BKN020
TEMPO 1015/1023 BKN035

ADEQUATE: CYVO/YVO (VAL-DOR, CANADA)

UTC -04:00

CYVO 101500Z 22007KT 190V300 15SM SCT220 25/13 A2999 RMK CI4 SLP162
DENSITY ALT 2400FT
CYVO 101140Z 1012/1024 21008KT P6SM SCT220
BECMG 1016/1018 24010G20KT
FM102000 22010G20KT P6SM SCT120 BKN160
BECMG 1022/1024 22008KT
RMK NXT FCST BY 101800Z

ADEQUATE: KORD/ORD (CHICAGO OHARE INTL, UNITED STATES)

UTC -05:00

KORD 101451Z 00000KT 10SM FEW250 26/12 A3013 RMK A02 SLP197 T02560117
58004
KORD 101454Z 1015/1118 VRB03KT P6SM SKC
FM102100 09009KT P6SM SCT250
FM110100 20007KT P6SM FEW150 SCT250
FM111500 24011G17KT P6SM SCT050 BKN100

TCC311D LOWW-KMEM (10-Jul-2022) #2

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/3 TRACKS FLS 340/390 INCLUSIVE
JUL 10/1130Z TO JUL 10/1900Z
PART ONE OF THREE PARTS-

A GOMUP 59/20 60/30 59/40 58/50 DORYY
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

B SUNOT 58/20 59/30 58/40 57/50 HOIST
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 340/390 INCLUSIVE
JUL 10/1130Z TO JUL 10/1900Z
PART TWO OF THREE PARTS-

C PIKIL 57/20 58/30 57/40 56/50 JANJO
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

D ETARI 5630/20 5730/30 5630/40 5530/50 KODIK
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

E RESNO 56/20 57/30 56/40 55/50 LOMSI
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

F DOGAL 55/20 56/30 55/40 54/50 NEEKO
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 340/390 INCLUSIVE
JUL 10/1130Z TO JUL 10/1900Z
PART THREE OF THREE PARTS-

TCC311D LOWW-KMEM (10-Jul-2022) #2

G MALOT 54/20 55/30 54/40 53/50 RIKAL
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

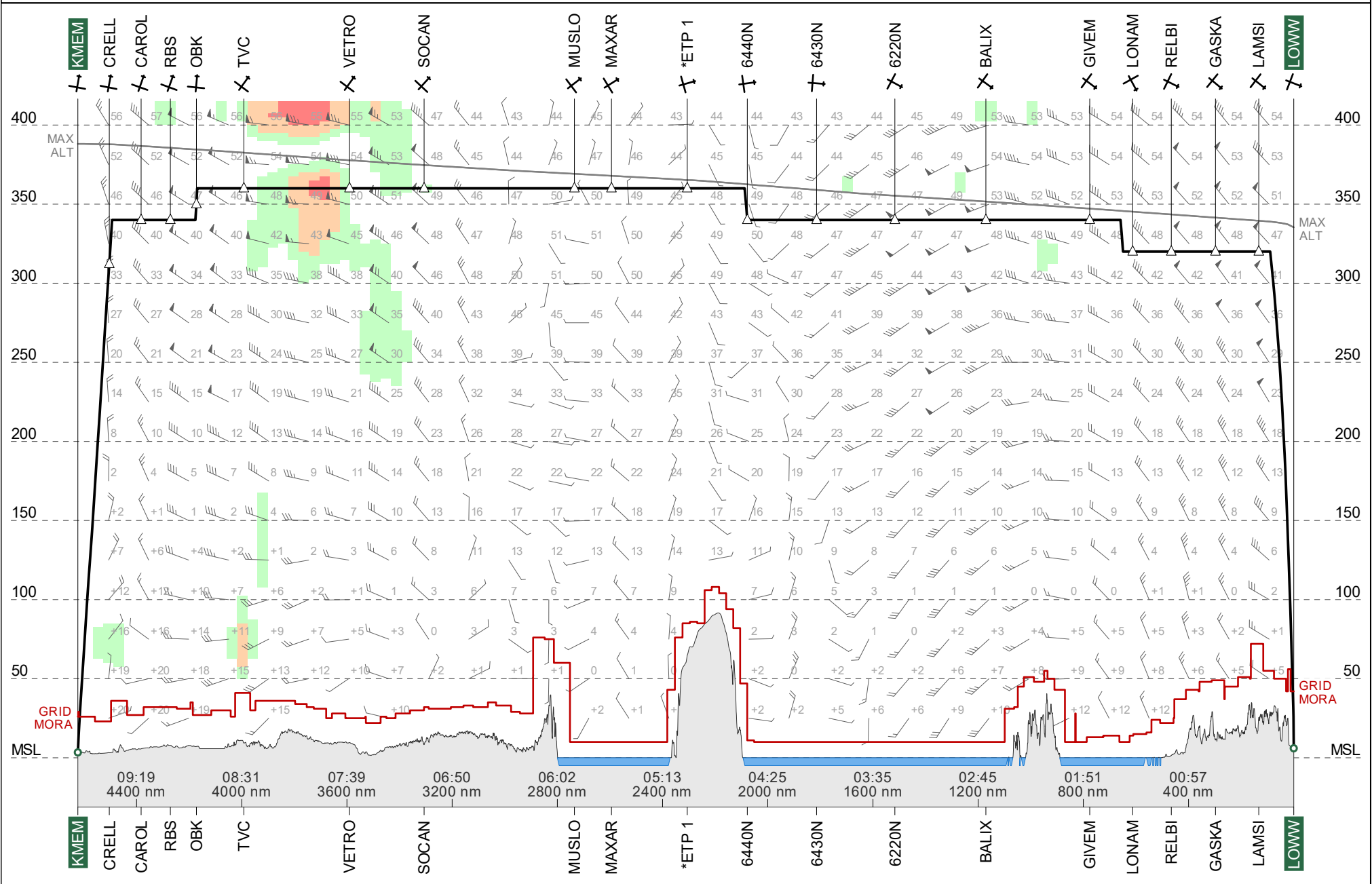
REMARKS.

1. TMI IS 191 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
 2. OPERATORS ARE REMINDED THAT ADS-C AND CPDLC IS MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE.
 3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK C
TRACK D
TRACK E
END OF PBCS OTS
 4. FOR STRATEGIC LATERAL OFFSET AND CONTINGENCY PROCEDURES FOR OPS IN NAT FLOW REFER TO NAT PROGRAMME COORDINATION WEBSITE WWW.PARIS.ICAO.INT.
SLOP SHOULD BE STANDARD PROCEDURE, NOT JUST FOR AVOIDING WX/TURB.
 5. 80 PERCENT OF GROSS NAVIGATION ERRORS RESULT FROM POOR COCKPIT PROCEDURES. CONDUCT EFFECTIVE WAYPOINT CHECKS.
 6. OPERATORS ARE REMINDED THAT CLEARANCES MAY DIFFER FROM THE FLIGHT PLAN, FLY THE CLEARANCE.
 7. UK AIP. ENR 2.2.4.2 PARA 5.2 STATES THAT NAT OPERATORS SHALL FILE PRM'S.
 8. FLIGHTS REQUESTING WESTBOUND OCEANIC CLEARANCE VIA ORCA DATALINK SHALL INCLUDE IN RMK/ FIELD THE HIGHEST ACCEPTABLE FLIGHT LEVEL WHICH CAN BE MAINTAINED AT OAC ENTRY POINT.
 9. ALL ADSC CPDLC EQUIPPED FLIGHTS NOT LOGGED ON TO A DOMESTIC ATSU MUST SET EGGX AS NEXT DATA AUTHORITY THEN INITIATE A LOGON TO SHANWICK WITHIN 25 MINUTES OF OCA ENTRY. -
- END OF PART THREE OF THREE PARTS)

TR311D #2

KMEM ← LOWW

ETD 10 Jul 19:25z
FOHGH B77W



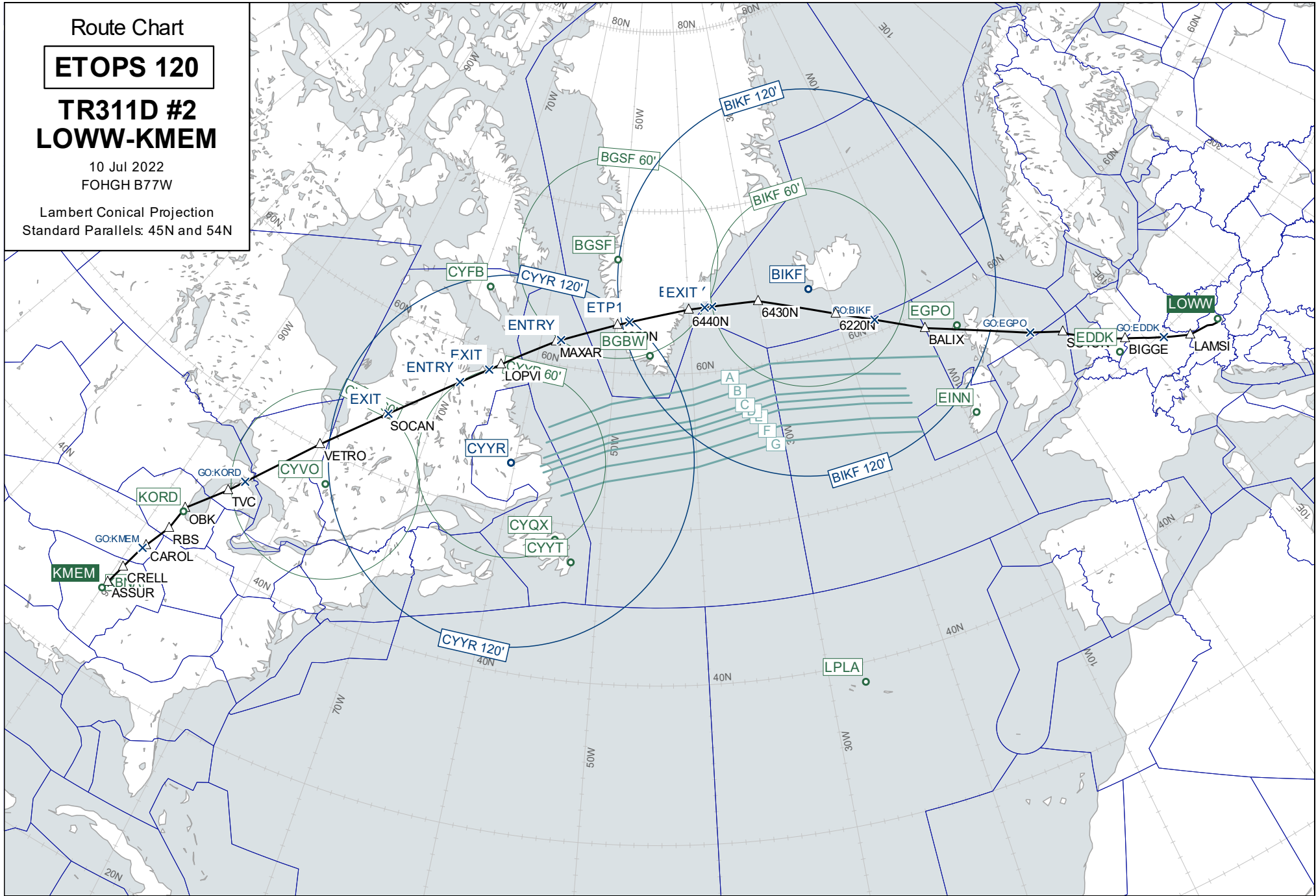
Route Chart

ETOPS 120

TR311D #2
LOWW-KMEM

10 Jul 2022
FOHGH B77W

Lambert Conical Projection
Standard Parallels: 45N and 54N



Wind Chart

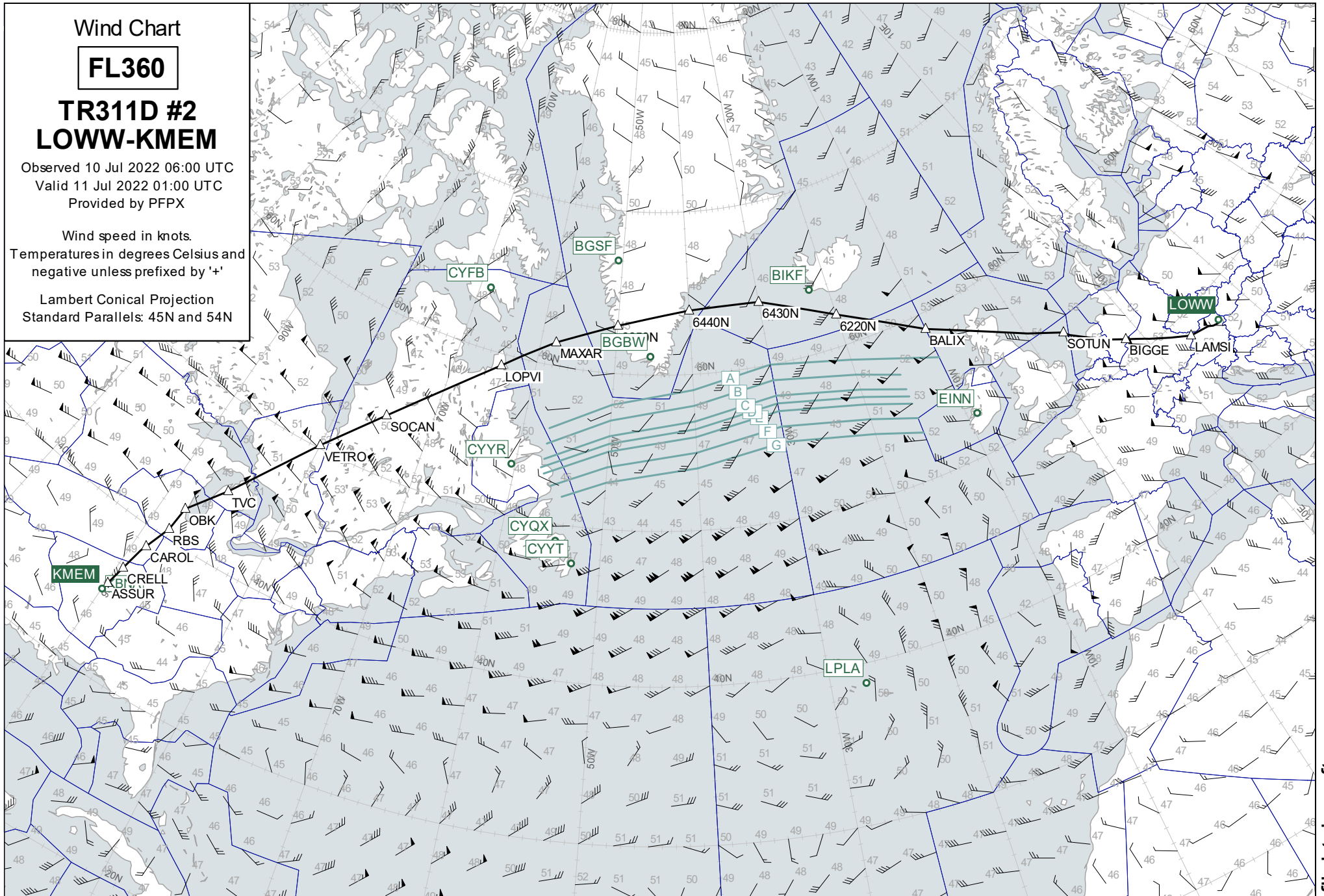
FL360

TR311D #2
LOWW-KMEM

Observed 10 Jul 2022 06:00 UTC
Valid 11 Jul 2022 01:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 45N and 54N



Wind Chart

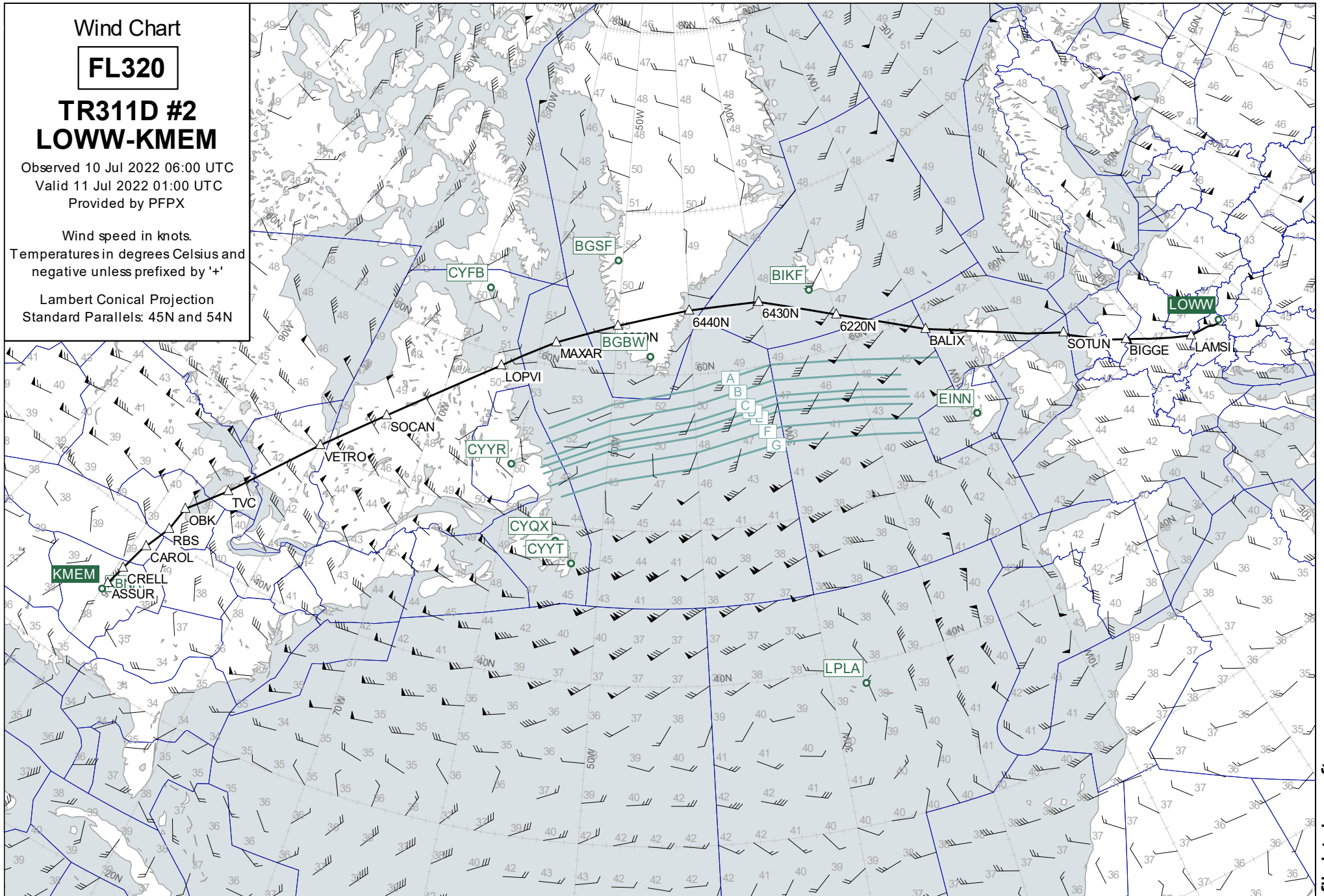
FL320

TR311D #2 LOWW-KMEM

Observed 10 Jul 2022 06:00 UTC
Valid 11 Jul 2022 01:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 45N and 54N



Wind Chart

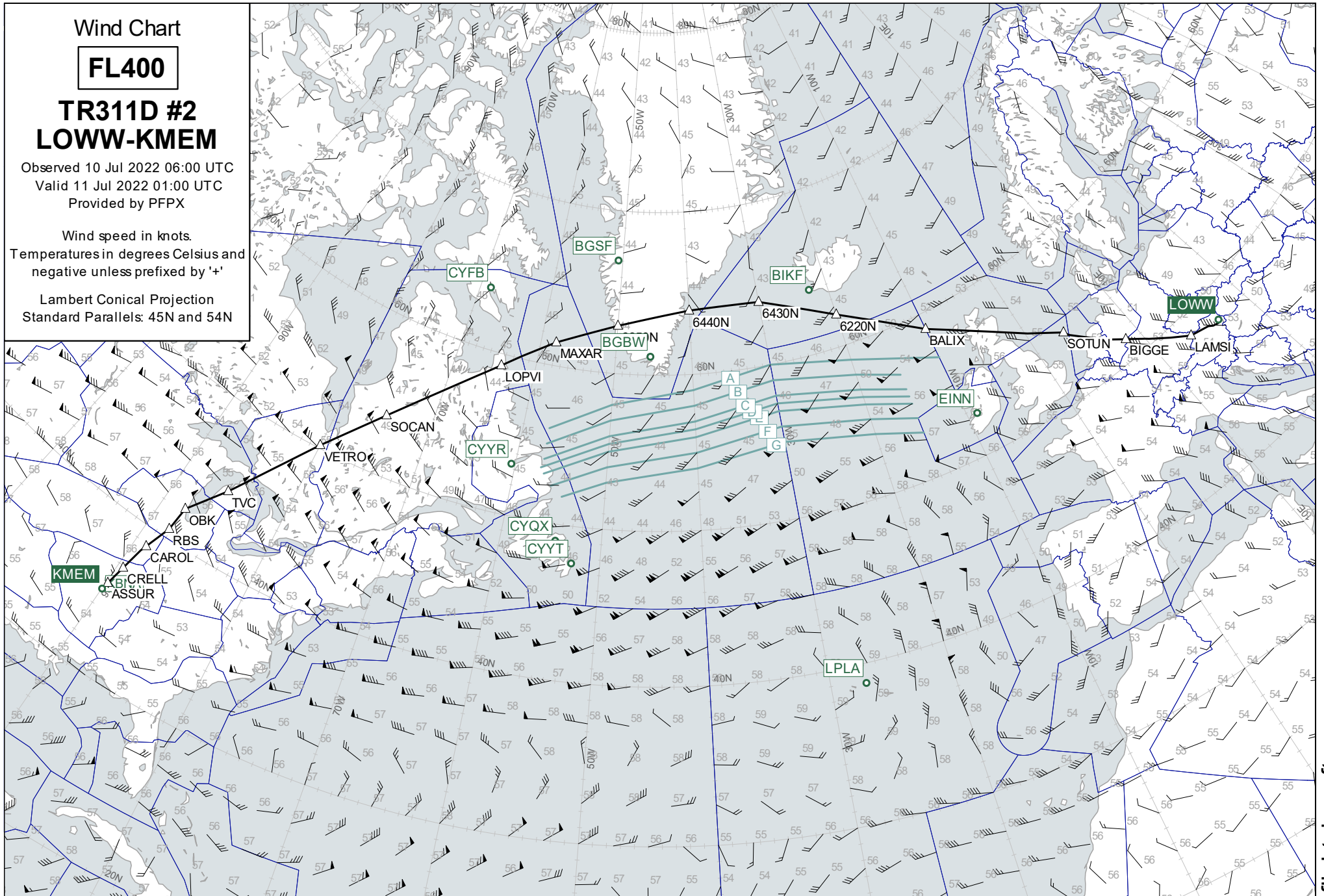
FL400

TR311D #2 LOWW-KMEM

Observed 10 Jul 2022 06:00 UTC
Valid 11 Jul 2022 01:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 45N and 54N



Destination Area

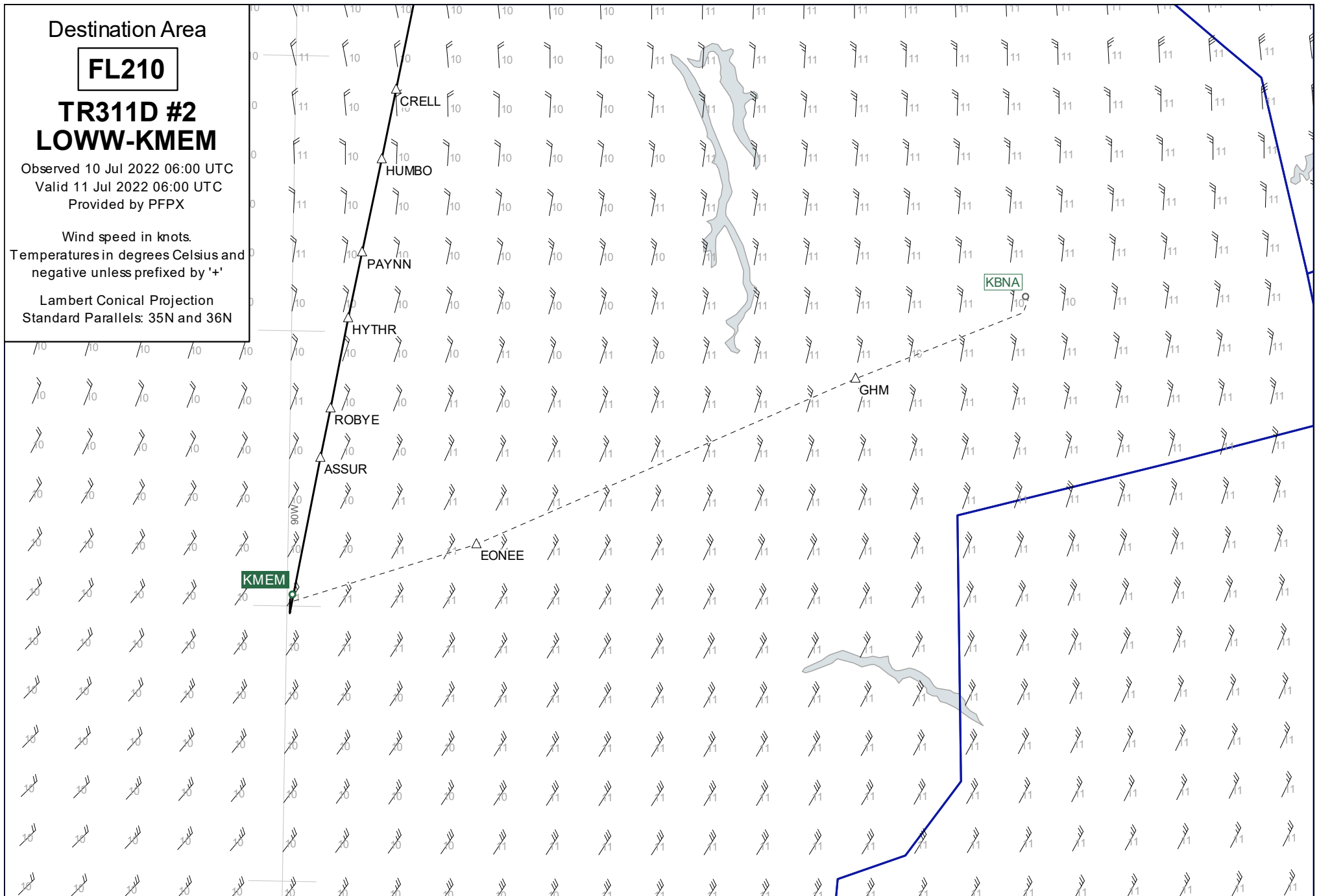
FL210

TR311D #2
LOWW-KMEM

Observed 10 Jul 2022 06:00 UTC
Valid 11 Jul 2022 06:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 35N and 36N



Plotting Chart TR311D #2 LOWW-KMEM

10 Jul 2022
FOHGH B77W

Lambert Conical Projection
Standard Parallels: 54N and 59N

