



Flight Briefing Package

TCC318C OTHH-KBWI

08-Oct-2023 #1

RELEASE #1

HAMAD INTL
(QATAR)

-

BALTIMORE/WASHINGTON INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

08 OCT 1519 UTC

TCC318C OTHH-KBWI (08-Oct-2023) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC318C PJTGE OTHH-KBWI

 ALL WEIGHTS IN KILOGRAMS (KG) STD 08OCT/2045Z

OPF 1 - PREPARED 08OCT/1519Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR318C/TCC318C PJTGE/B777-2LR GE SEL/EGAP ROUTE: OTHHKBWI01

DEP: OTHH/DOH 34R ELEV 13 FT COST INDEX: 250 TTL G/C DIST: 5981 NM
 ARR: KBWI/BWI 33L ELEV 143 FT INIT ALT: FL320 TTL F/P DIST: 6185 NM
 FUEL BIAS: 102.5% TTL AIR DIST: 6316 NM
 AVG WIND CMP: HD010 KT

ALT: KIAD/IAD 19R ELEV 312 FT 169 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM		ZFW	TOW	LDW
STANDARD	156746	266	0	26334	22948 LDW	MAX	209106	348554	223167
						PLN	183080	296204	200219
						ACT	.....	.....	.....

 ** TAKE-OFF DATA OTHH 34R **

COND: 296204 KG // RWY DRY // +33•C Q1010 050/11 // LMT: STRUCT
 CONFIG: FLAPS 15 // D-TO +48C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=156 VR=160 V2=164
 ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	95985	.....	13:02	
CONT 5%	4799	.....	00:46	
ALTN KIAD	4209	.....	00:41	
FINAL RESV	3136	.....	00:30	
HOLD	2092	.....	00:20	
ADD FUEL	1334	.....	00:13	
MIN T/O	111555	.....	15:31	.....
EXTRA	1569	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	114129	.....	16:01	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	16670	.....	02:38	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 24517 KG LIM BY LDW
 TRIP CORR FOR 5000 KG TOW INCR: +1319 KG / 5000 KG TOW DECR: -1433 KG
 2000 FT LOWER: +1290 KG / EET 12:53 CLB: 250/310/84 DES: 84/320/250

OTHH	STD 20:45Z/23:45L	ETD 20:45Z	ACT OFBL	EST T/O 21:00Z	ACT T/O
KBWI	STA 11:30Z/07:30L	ETA 10:09Z	ACT ONBL	EST LDG 10:02Z	ACT LDG
	SKD 14:45	PLN 13:24	TTL BLCK	EST FLT 13:02	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (EINN)	55 NM BEFORE 5020N	N49 45.2 W018 38.6	EET 07:40
ETOPS EXIT (KBGR)	356 NM BEFORE TUSKY	N45 53.4 W059 20.3	EET 10:58

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ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (05:29-09:34)
KBGR (08:52-09:34)

ONE ENGINE OUT ETP 1 FOR EINN/KBGR N49 53.3 W040 43.4 EET 09:24
1E084/320 DESC TO FL282 CRUISE AT 1E0320 383 NM BEFORE 4850N
PLN FUEL OVER ETP 38878 ETP FUEL REQ 24853 DIV TIME 02:30
ETP TO EINN (N52 42.1 W008 55.5) DIST 1197 NM WC TL003 TT 070
ETP TO KBGR (N44 48.5 W068 49.7) DIST 1177 NM WC HD005 TT 266

ONE ENGINE OUT DECOMP ETP 1 FOR EINN/KBGR N49 53.0 W040 45.7 EET 09:24
84/320/250 DESC TO FL100 CRUISE AT 1E0320 382 NM BEFORE 4850N
PLN FUEL OVER ETP 38860 ETP FUEL REQ 26504 DIV TIME 03:10
ETP TO EINN (N52 42.1 W008 55.5) DIST 1199 NM WC TL008 TT 070
ETP TO KBGR (N44 48.5 W068 49.7) DIST 1175 NM WC TL002 TT 266

ALL ENGINE DECOMP ETP 1 FOR EINN/KBGR N49 53.0 W040 45.7 EET 09:24
84/320/250 DESC TO FL100 CRUISE AT AE320 382 NM BEFORE 4850N
PLN FUEL OVER ETP 38860 ETP FUEL REQ 25296 DIV TIME 03:10
ETP TO EINN (N52 42.1 W008 55.5) DIST 1199 NM WC TL008 TT 070
ETP TO KBGR (N44 48.5 W068 49.7) DIST 1175 NM WC TL002 TT 266

ATC ROUTE: N0503F320 LUBE1E LUBET L934 OBMON L768 AAR V45 TRF R652 OBROD Q163
GENEX L53 STEPA/N0492F340 L53 ANIDE UL53 MADEX UM601 MIL UB34 ARA
UN1 LATAN DCT AMSOR DCT GILIO DCT TOBGA/N0485F360 DCT DOBIM UM616
NOQAS DCT LERGA DCT CNA DCT GALOF DCT NOVAN DCT TULTA DCT BEDRA DCT
50N020W/M084F370 51N030W 50N040W/M084F360 48N050W DCT
NICS0/N0500F380 N234A TUSKY Q475 COPLY Q75 BOS DCT HFD DCT SBJ Q75
MXE DCT NUGGY TRISH3

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
KIAD/19R 169 10000 048 HD006 00:41 4209 - PALEO3 PALEO V44 BAL DCT
SHILO V33 VINNY T291 GRAMO
V474 DELRO DELR05

MOST CRITICAL MORA 15900 FT AT BODRU

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
-FIR	NAME		ISA	WND/SPD	GS	REM	POSITION		ETO / ATO		
	OTHH/34R		13	023				113.1 / 1.0			
	HAMAD INTL						6185 N2515.3 E05137.6/.....			
LUBE1E	ATBIB	336	*CLB	023		5	111.9 / 2.2	03 00.03			
				P19 351/013		6180	N2519.6 E05135.7/.....			
LUBE1E	REVIN	010	*CLB	023		9	111.2 / 2.9	02 00.05			
				P17 005/009		6171	N2528.2 E05137.9/.....			

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LUBE1E	DEMBO	010	*CLB 023 P16 012/007	7 6164	110.8 / 3.3 N2534.9 E05139.6	01 00.06/.....
LUBE1E	EMISA	008	*CLB 023 P17 032/004	12 6152	110.2 / 4.0 N2547.0 E05142.1	02 00.08/.....
LUBE1E	IMSUN	335	*CLB 023 P17 062/003	8 6144	109.8 / 4.3 N2554.8 E05138.6	01 00.09/.....
LUBE1E	MISEL	296	*CLB 023 P15 220/008	30 6113	108.7 / 5.5 N2609.1 E05108.9	04 00.13/.....
LUBE1E	LUBET	318	*CLB 015 P14 231/011	7 6106	108.4 / 5.7 N2614.7 E05103.8	01 00.14/.....
L934	IMLAD	317	*CLB 015 P13 234/013	4 6103	108.3 / 5.8 N2617.4 E05101.3	01 00.15/.....
L934	EGPUD	317	*CLB 025 P12 242/018	15 6087	107.9 / 6.2 N2629.1 E05050.3	02 00.17/.....
L934	OBMON	317	*CLB 025 P11 245/019	12 6075	107.5 / 6.6 N2638.5 E05041.4	01 00.18/.....
L768	*TOC	285	FL320 025 P11 246/017	503 10 490 6065	107.3 / 6.9 N2641.5 E05031.3	01 00.19/.....
L768	EGMOR	285	FL320 025 P11 246/017	503 2 490 6063	107.2 / 6.9 N2642.2 E05029.1	00 00.19/.....
L768 -OEJD	ULADA	283	FL320 025 P11 246/017	503 12 490 6051	107.0 / 7.1 N2645.5 E05016.4	02 00.21/.....
L768	ITESA	285	FL320 025 P11 247/017	503 15 490 6036	106.8 / 7.4 N2650.3 E05000.2	02 00.23/.....
L768	JBL JUBAIL	285	FL320 025 P11 246/018	112.90 503 33 489 6003	106.2 / 7.9 N2700.7 E04924.7	04 00.27/.....
	OEPA	296	FL320 019 P10 235/018	20 5983	105.8 / 8.3 N2710.6 E04905.1	02 00.29/.....
L768	LAKSI	296	FL320 019 P11 246/020	503 5 491 5978	105.8 / 8.4 N2713.1 E04900.1	01 00.30/.....
L768	ITUDA	296	FL320 023 P10 245/021	503 44 490 5933	105.0 / 9.1 N2734.5 E04816.8	05 00.35/.....
L768	IVOBA	295	FL320 023 P11 244/022	503 15 490 5919	104.7 / 9.4 N2741.6 E04802.3	02 00.37/.....
L768	COPPI	295	FL320 028 P10 243/023	503 19 490 5900	104.4 / 9.7 N2750.6 E04744.0	02 00.39/.....
L768	DUSBO	286	FL320 028 P10 240/025	503 48 487 5852	103.6 / 10.5 N2806.3 E04652.9	06 00.45/.....
L768	HFR	287	FL320 028	113.10 503 43	102.9 / 11.3	06 00.51

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	AL QAISUMAH INTL		P11	239/027	486	5809	N2821.4	E04607.1/.....
L768	VATIM	289	FL320	034		504 78	101.5 / 12.6	09 01.00	
			P11	239/032	483	5731	N2851.6	E04444.7/.....
L768	RAF	301	FL320	034	116.80	504 80	100.1 / 14.0	10 01.10	
	RAFHA		P10	240/039	486	5651	N2937.2	E04329.9/.....
	OETR	299	FL320	038		72	98.9 / 15.2	09 01.19	
			P09	236/056		5579	N3015.9	E04220.2/.....
L768	AAR	298	FL320	036	113.30	504 73	97.6 / 16.5	09 01.28	
	ARAR		P09	242/053	475	5506	N3054.5	E04108.5/.....
V45	BONIS	287	FL320	047		503 88	96.0 / 18.1	12 01.40	
			P09	239/057	466	5419	N3126.0	E03933.2/.....
V45	TRF	286	FL320	052	116.10	503 45	95.2 / 18.9	05 01.45	
	TURAIIF		P08	237/061	465	5374	N3141.8	E03844.1/.....
R652	OBROD	252	FL320	058		504 54	94.2 / 19.9	08 01.53	
			P08	234/063	445	5319	N3129.7	E03742.0/.....
Q163 -OJAC	GENEX	265	FL320	058		504 35	93.6 / 20.6	04 01.57	
			P08	233/065	450	5284	N3129.6	E03700.9/.....
L53	ELOXI	284	FL320	058		503 14	93.3 / 20.8	02 01.59	
			P08	232/066	463	5271	N3134.0	E03645.6/.....
L53	KINUR	284	FL320	047		503 8	93.2 / 20.9	01 02.00	
			P08	232/067	463	5263	N3136.4	E03637.2/.....
L53	ALNOR	284	FL320	047		503 11	93.0 / 21.1	01 02.01	
			P08	232/067	462	5252	N3139.9	E03625.1/.....
L53	QAA01	283	FL320	047		503 14	92.7 / 21.4	02 02.03	
			P08	232/068	462	5238	N3144.4	E03609.5/.....
L53	MOUAB	272	FL320	057		503 29	92.2 / 21.9	04 02.07	
			P08	230/069	452	5209	N3148.0	E03536.0/.....
L53	MUVIN	285	FL320	057		503 3	92.2 / 22.0	00 02.07	
			P08	230/069	463	5206	N3149.0	E03532.7/.....
L53 -LLLL	TALMI	282	FL320	057		503 2	92.1 / 22.0	01 02.08	
			P08	230/069	461	5204	N3149.6	E03530.2/.....
L53	GOBRI	284	FL320	057		503 7	92.0 / 22.1	01 02.09	
			P08	229/070	463	5197	N3151.9	E03522.7/.....
L53	ABIMI	284	FL320	057		502 7	91.9 / 22.3	01 02.10	
			P07	229/070	463	5190	N3154.3	E03514.6/.....
L53	ITERO	284	FL320	057		502 5	91.8 / 22.4	00 02.10	
			P07	228/070	464	5185	N3156.1	E03508.5/.....
L53	YOGGA	284	FL320	057		502 8	91.6 / 22.5	01 02.11	
			P07	228/070	464	5177	N3158.7	E03459.7/.....

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L53	BGN BEN GURION TEL	284	FL320	042	113.50	502	6	91.5 / 22.6	01	02.12
				P07	227/069	465	5170	N3200.8 E03452.5/.....	
L53	ORLEV	269	FL320	025		503	12	91.3 / 22.8	02	02.14
				P07	227/069	452	5158	N3201.6 E03438.2/.....	
L53	TAPUZ	269	FL320	025		503	6	91.2 / 22.9	01	02.15
				P07	227/069	452	5152	N3202.0 E03431.4/.....	
L53	PURLA	269	FL320	025		503	15	90.9 / 23.2	02	02.17
				P06	227/068	452	5137	N3202.9 E03413.8/.....	
L53 -LCCC	SUVAS	296	FL320	025		501	14	90.7 / 23.5	01	02.18
				P06	227/066	477	5123	N3210.2 E03359.6/.....	
	LTAI	291	FL320	010			63	89.6 / 24.5	08	02.26
				P05	249/043		5060	N3237.7 E03252.0/.....	
L53	STEPA	290	*CLB	010			26	89.1 / 25.0	04	02.30
				P05	228/051		5033	N3249.0 E03223.8/.....	
L53 -LGGG	ANIDE	299	FL340	010		492	145	86.6 / 27.5	18	02.48
				P04	223/029	485	4888	N3409.8 E03000.0/.....	
UL53	PERIM	302	FL340	010		490	85	85.3 / 28.8	10	02.58
				P03	202/012	493	4804	N3501.0 E02838.3/.....	
UL53	LATMO	296	FL340	010		490	14	85.1 / 29.1	02	03.00
				P03	202/011	492	4790	N3508.3 E02823.6/.....	
UL53	MASES	296	FL340	052		491	81	83.8 / 30.3	10	03.10
				P04	013/010	489	4709	N3549.4 E02658.7/.....	
	LGAV	291	FL340	039			2	83.8 / 30.4	00	03.10
				P04	001/022		4707	N3550.3 E02656.6/.....	
UL53	SOTIX	291	FL340	039		491	2	83.7 / 30.4	00	03.10
				P04	013/010	489	4705	N3551.2 E02654.2/.....	
UL53	TIPAS	291	FL340	039		492	8	83.6 / 30.5	01	03.11
				P04	012/010	489	4697	N3554.5 E02645.8/.....	
UL53	BINKI	299	FL340	040		492	50	82.8 / 31.3	06	03.17
				P04	022/013	487	4648	N3622.4 E02555.0/.....	
UL53	MADEX	299	FL340	036		492	30	82.3 / 31.8	04	03.21
				P04	032/016	491	4618	N3639.2 E02523.9/.....	
UM601	PEXAN	274	FL340	036		491	11	82.2 / 32.0	01	03.22
				P04	033/017	498	4607	N3640.8 E02510.8/.....	
UM601	NETIS	272	FL340	037		491	11	82.0 / 32.1	01	03.23
				P03	034/017	499	4596	N3642.2 E02457.8/.....	
UM601	MIL MILOS	272	FL340	037	113.50	491	22	81.7 / 32.5	03	03.26
				P04	034/018	499	4575	N3644.9 E02431.2/.....	

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UB34	BADEL	301	FL340	045	492	26	81.3 / 32.9	03	03.29	
				P03 031/018	491	4549	N3700.0 E02404.4/.....		
UB34	DDM	300	FL340	050	117.20	492	50	80.5 / 33.7	06	03.35
	DIDIMON			P04 022/018	488	4499	N3728.7 E02313.0/.....		
UB34	NEMES	290	FL340	101	492	33	79.9 / 34.2	04	03.39	
				P03 020/016	491	4465	N3742.4 E02234.9/.....		
UB34	ARA	292	FL340	101	112.70	492	61	79.0 / 35.1	08	03.47
	ARAXOS			P03 017/013	490	4404	N3809.5 E02125.8/.....		
UN1	OSDES	293	FL340	099	492	27	78.6 / 35.6	03	03.50	
				P03 015/012	490	4378	N3821.7 E02055.6/.....		
UN1	VAXOR	298	FL340	078	493	52	77.7 / 36.4	07	03.57	
				P04 013/013	488	4326	N3849.4 E01959.3/.....		
UN1	LATAN	297	FL340	044	493	54	76.9 / 37.2	06	04.03	
-LAAA				P04 014/013	489	4271	N3917.6 E01900.0/.....		
	LIRF	297	FL340	044		55	76.0 / 38.1	07	04.10	
				P03 354/014		4216	N3946.5 E01759.1/.....		
DCT	*BDRY	297	FL340	091	493	146	73.8 / 40.4	18	04.28	
-LIRR				P04 021/014	490	4070	N4100.3 E01513.7/.....		
DCT	AMSOR	295	FL340	100	493	19	73.5 / 40.7	02	04.30	
				P04 021/015	490	4051	N4109.4 E01452.2/.....		
DCT	GILIO	290	FL340	100	493	191	70.6 / 43.6	23	04.53	
				P04 039/010	495	3860	N4222.0 E01055.6/.....		
DCT	TOBGA	301	*CLB	111		56	69.7 / 44.4	07	05.00	
				P04 054/008		3804	N4253.5 E00952.0/.....		
DCT	DOBIM	303	*CLB	111		6	69.5 / 44.6	01	05.01	
-LFFF				P03 055/010		3797	N4257.2 E00945.0/.....		
UM616	GIRAG	292	FL360	111	485	6	69.4 / 44.7	01	05.02	
				P03 058/010	491	3791	N4259.7 E00937.8/.....		
UM616	AKUTI	292	FL360	111	485	33	68.9 / 45.2	04	05.06	
				P03 073/010	493	3758	N4313.6 E00856.4/.....		
UM616	BABED	287	FL360	047	485	16	68.7 / 45.4	02	05.08	
				P03 078/010	494	3742	N4318.9 E00836.0/.....		
UM616	PIGOS	286	FL360	093	486	57	67.9 / 46.3	07	05.15	
				P03 093/012	498	3686	N4337.3 E00722.3/.....		
UM616	BODRU	307	FL360	159	486	56	67.0 / 47.1	06	05.21	
				P03 092/012	496	3630	N4412.5 E00622.7/.....		
	LFPG	307	FL360	159		24	66.7 / 47.4	03	05.24	
				P03 051/010		3606	N4427.4 E00556.8/.....		
UM616	KOTIT	306	FL360	116	486	14	66.5 / 47.6	02	05.26	

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				P03 089/011 495 3592	N4436.2 E00541.5/.....
UM616	ETREK	306	FL360 116	486 57	65.7 / 48.5	07 05.33
				P03 090/011 496 3535	N4511.3 E00438.3/.....
UM616	NOQAS	275	FL360 072	486 17	65.4 / 48.7	02 05.35
				P03 094/012 497 3518	N4513.2 E00414.4/.....
DCT	LERGA	274	FL360 079	486 21	65.1 / 49.0	02 05.37
				P03 095/012 499 3497	N4515.4 E00345.0/.....
DCT	CNA	278	FL360 087	114.65 487 173	62.6 / 51.5	21 05.58
	COGNAC CHATEAUBERNAR			P03 086/011 499 3324	N4539.6 W00018.7/.....
DCT	GALOF	286	FL360 017	487 59	61.8 / 52.4	07 06.05
				P03 056/008 493 3265	N4556.3 W00139.7/.....
DCT	NOVAN	286	FL360 023	487 88	60.5 / 53.6	11 06.16
				P03 005/009 486 3178	N4619.3 W00342.0/.....
	EINN	310	FL360 019	114	58.8 / 55.3	15 06.31
				P03 262/017 3063	N4730.5 W00552.7/.....

----- 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	TULTA	309	FL360 010	488 107	57.2 / 57.0	13 06.44
	-EGGX			P03 275/025 468 2956	N4834.6 W00800.0/.....
DCT	BEDRA	280	FL360 010	489 278	52.9 / 61.2	36 07.20
				P02 222/045 458 2678	N4900.0 W01500.0/.....

----- ETOPS ENTRY (EINN) 0055 NM BEFORE 5020N EET 07:40 -----

DCT	5020N	293	*CLB 010	204	49.8 / 64.3	27 07.47
	50N020W			P01 214/065 2474	N5000.0 W02000.0/.....
DCT	5130N	290	*DES 010	387	44.2 / 70.0	49 08.36
	-CZQX 51N030W			P02 171/035 2087	N5100.0 W03000.0/.....
DCT	5040N	276	FL360 010	490 387	39.2 / 74.9	45 09.21
	50N040W			P05 031/093 549 1700	N5000.0 W04000.0/.....
	*ETP 1	271	FL360 010	490 30	38.9 / 75.3	03 09.24
	EINN/KBGR			P05 028/092 550 1670	N4953.0 W04045.7/.....
DCT	4850N	271	FL360 010	492 382	34.1 / 80.1	44 10.08
	48N050W			P05 002/022 501 1289	N4800.0 W05000.0/.....
DCT	NICSO	267	*CLB 010	86	32.9 / 81.2	10 10.18
				P05 324/002 1202	N4730.0 W05200.0/.....

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N234A -CZQM	*BDRY	272	FL380	028		487	247	29.5 / 84.6	31	10.49
				P01	175/051	473	955	N4617.0 W05745.8/.....	
----- ETOPS EXIT (KBGR) 0356 NM BEFORE TUSKY EET 10:58 -----										
N234A -KZBW	TUSKY	267	FL380	026		500	426	23.6 / 90.5	55	11.44
				P11	198/056	458	529	N4333.9 W06700.0/.....	
Q475	CANAL	265	FL380	021		502	143	21.6 / 92.5	19	12.03
				P13	210/046	464	386	N4240.2 W07001.4/.....	
Q475	SCUPP	261	FL380	021		502	10	21.5 / 92.6	01	12.04
				P13	212/046	464	376	N4236.2 W07013.8/.....	
Q475	COPLY	261	FL380	021		502	16	21.3 / 92.8	02	12.06
				P13	214/045	464	360	N4229.9 W07033.5/.....	
Q75	BOS BOSTON	261	FL380	021	112.70	502	21	21.0 / 93.1	03	12.09
				P13	217/043	463	339	N4221.5 W07059.4/.....	
DCT	HFD HARTFORD	253	FL380	049	114.90	502	82	19.9 / 94.3	11	12.20
				P12	229/042	460	258	N4138.5 W07232.9/.....	
	KBWI	252	FL380	042			16	19.7 / 94.5	02	12.22
				P09	246/044		242	N4130.1 W07250.8/.....	
DCT -KZNY	*BDRY	251	FL380	047		502	54	18.9 / 95.2	07	12.29
				P12	238/040	460	187	N4100.9 W07351.8/.....	
DCT	SBJ SOLBERG	250	FL380	047	112.90	502	48	18.3 / 95.9	06	12.35
				P12	245/044	459	140	N4035.0 W07444.5/.....	
Q75	BIGGY	240	FL380	031		502	14	18.1 / 96.1	02	12.37
				P12	246/045	460	125	N4025.2 W07458.4/.....	
Q75	*TOD	239	FL380	047		502	12	17.9 / 96.2	02	12.39
				P12	246/045	459	113	N4016.9 W07510.0/.....	
Q75	COPEP	239	*DES	047			13	17.9 / 96.3	01	12.40
				P02	251/041		100	N4007.9 W07522.6/.....	
Q75	MXE MODENA	239	*DES	047	113.20		19	17.8 / 96.3	03	12.43
				M02	249/038		81	N3955.1 W07540.3/.....	
DCT	NUGGY	248	*DES	040			19	17.8 / 96.4	03	12.46
				M00	252/034		62	N3944.6 W07600.4/.....	
TRISH3	TROYZ	247	*DES	040			6	17.7 / 96.4	01	12.47
				M02	252/031		56	N3941.0 W07607.1/.....	
TRISH3	FREEE	239	*DES	040			9	17.7 / 96.4	02	12.49
				M03	253/029		47	N3934.7 W07616.0/.....	
TRISH3	TRISH	239	*DES	040			7	17.6 / 96.5	01	12.50
				M04	254/027		40	N3930.2 W07622.4/.....	
TRISH3 -KZDC	WUUDI	206	*DES	040			8	17.6 / 96.5	01	12.51
				M05	256/026		32	N3922.2 W07625.1/.....	

TCC318C OTHH-KBWI (08-Oct-2023) #1

TRISH3	FINNZ	206	*DES 040	6	17.6 / 96.6	02	12.53
			M05 260/025	26	N3916.7 W07626.9/.....	
TRISH3	KEEYY	206	*DES 040	4	17.5 / 96.6	01	12.54
			M05 262/023	22	N3912.7 W07628.3/.....	
TRISH3	ROAPS	204	*DES 040	5	17.5 / 96.6	01	12.55
			M05 266/021	17	N3907.8 W07629.7/.....	
TRISH3	HOOOK	156	*DES 040	4	17.5 / 96.7	01	12.56
			M06 265/017	13	N3904.3 W07626.5/.....	
TRISH3	KBWI/33L	310	143 040	13	17.1 / 97.0	06	13.02
	BALTIMORE/WASHINGTON				N3909.9 W07639.8/.....	

TCC318C OTHH-KBWI (08-Oct-2023) #1

WIND INFORMATION - OBS 08/OCT 06:00

(CLIMB)			EGMOR			ITUDA			HFR		
FL310	237/018	-35	FL360	251/014	-47	FL360	252/022	-47	FL360	244/031	-47
FL250	215/008	-20	FL340	248/014	-42	FL340	250/021	-42	FL340	238/029	-42
FL190	095/002	-6	FL320	246/017	-38	FL320	245/022	-38	FL320	239/028	-38
12000	354/008	+8	FL300	245/021	-33	FL300	241/023	-33	FL300	241/026	-33
6000	350/013	+22	FL280	242/017	-28	FL280	238/021	-28	FL280	238/025	-28
RAF			AAR			TRF			ELOXI		
FL360	246/045	-48	FL360	243/061	-49	FL360	237/068	-50	FL360	234/071	-50
FL340	244/041	-43	FL340	243/056	-44	FL340	236/063	-45	FL340	232/068	-45
FL320	240/039	-38	FL320	243/053	-39	FL320	237/061	-40	FL320	233/066	-40
FL300	236/037	-33	FL300	243/050	-34	FL300	238/058	-35	FL300	234/064	-35
FL280	237/035	-28	FL280	244/046	-30	FL280	238/053	-31	FL280	235/058	-32
ORLEV			ANIDE			MASES			PEXAN		
FL360	230/077	-50	FL380	230/036	-54	FL380	013/013	-57	FL380	027/020	-57
FL340	228/074	-46	FL360	227/033	-51	FL360	013/011	-53	FL360	030/019	-53
FL320	228/069	-41	FL340	223/030	-48	FL340	014/010	-49	FL340	034/017	-49
FL300	227/065	-37	FL320	224/025	-44	FL320	013/009	-44	FL320	034/019	-44
FL280	229/059	-33	FL300	226/021	-39	FL300	011/008	-39	FL300	034/020	-39
DDM			OSDES			LATAN			AMSOR		
FL380	022/018	-58	FL380	016/014	-58	FL380	011/013	-58	FL380	020/016	-58
FL360	022/018	-54	FL360	016/013	-53	FL360	013/013	-53	FL360	021/015	-53
FL340	022/018	-49	FL340	016/013	-49	FL340	014/013	-49	FL340	022/015	-49
FL320	023/018	-44	FL320	012/014	-44	FL320	013/013	-44	FL320	027/017	-44
FL300	024/018	-39	FL300	008/016	-38	FL300	011/013	-38	FL300	032/018	-38
GILIO			AKUTI			BODRU			NOQAS		
FL380	045/014	-58	FL400	054/012	-61	FL400	070/010	-61	FL400	079/008	-61
FL360	043/012	-54	FL380	070/013	-58	FL380	084/014	-58	FL380	093/012	-58
FL340	040/011	-49	FL360	073/010	-54	FL360	093/012	-53	FL360	094/012	-53
FL320	033/011	-44	FL340	081/007	-49	FL340	104/011	-49	FL340	096/012	-48
FL300	027/012	-39	FL320	062/008	-44	FL320	088/008	-44	FL320	082/009	-44
CNA			NOVAN			TULTA			BEDRA		
FL400	059/009	-60	FL400	335/010	-61	FL400	286/028	-62	FL400	216/044	-62
FL380	081/013	-57	FL380	359/009	-58	FL380	290/027	-59	FL380	216/044	-59
FL360	086/011	-53	FL360	005/009	-53	FL360	276/025	-54	FL360	222/045	-54
FL340	094/010	-49	FL340	012/009	-48	FL340	259/025	-48	FL340	229/048	-49
FL320	088/007	-44	FL320	011/008	-43	FL320	257/026	-43	FL320	229/045	-44
5040N			4850N			TUSKY			CANAL		
FL400	035/074	-55	FL400	357/023	-60	FL420	198/050	-49	FL420	210/043	-47
FL380	035/085	-54	FL380	358/023	-57	FL400	198/052	-47	FL400	211/045	-45
FL360	031/093	-51	FL360	002/022	-52	FL380	198/057	-46	FL380	211/046	-43
FL340	028/103	-48	FL340	007/021	-46	FL360	198/065	-47	FL360	210/048	-44
FL320	031/094	-45	FL320	356/020	-41	FL340	198/073	-48	FL340	209/050	-44
HFD			SBJ			(DESCENT)					
FL420	226/045	-48	FL420	241/044	-47	FL370	241/049	-45			
FL400	228/044	-45	FL400	243/044	-45	FL300	250/051	-47			
FL380	229/042	-44	FL380	245/044	-44	FL220	253/049	-29			
FL360	231/040	-44	FL360	246/044	-45	15000	258/037	-16			

TCC318C OTHH-KBWI (08-Oct-2023) #1

FL340 234/038 -45 FL340 248/043 -46 7000 271/023 -4

END FLIGHTPLAN 01724 TCC318C PJTGE OTHH-KBWI 08OCT2023

TCC318C OTHH-KBWI (08-Oct-2023) #1

[ATC FLIGHTPLAN]

(FPL-TCC318C-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-OTHH2045

-N0503F320 LUBE1E LUBET L934 OBMON L768 AAR V45 TRF R652 OBROD

Q163 GENEX L53 STEPA/N0492F340 L53 ANIDE UL53 MADEX UM601 MIL

UB34 ARA UN1 LATAN DCT AMSOR DCT GILIO DCT TOBGA/N0485F360 DCT

DOBIM UM616 NOQAS DCT LERGA DCT CNA DCT GALOF DCT NOVAN DCT

TULTA DCT BEDRA DCT 50N020W/M084F370 51N030W 50N040W/M084F360

48N050W DCT NICS0/N0500F380 N234A TUSKY Q475 COPLY Q75 BOS DCT

HFD DCT SBJ Q75 MXE DCT NUGGY TRISH3

-KBWI1302 KIAD

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/231008 REG/PJTGE

EET/OEJD0021 OJAC0157 LLLL0208 LCCC0218 LGGG0248 LIBB0403

LIRR0428 LFFF0501 EGGX0644 50N020W0747 CZQX0836 50N040W0921

48N050W1008 CZQM1049 KZBW1144 KZNY1229 KZDC1251

SEL/EGAP CODE/484DC7 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/C

RALT/EINN KBGR

RMK/TCAS

-E/1546)

TCC318C OTHH-KBWI (08-Oct-2023) #1**[PLANNING WEATHER]****ORIGIN: OTHH/DOH (HAMAD INTL, QATAR)****UTC +03:00**

OTHH 081500Z 02007KT CAVOK 33/27 Q1010 NOSIG
OTHH 081102Z 0812/0918 05011KT 8000 NSC
TEMPO 0812/0814 12008KT
TEMPO 0817/0906 34008KT
TEMPO 0823/0903 27008KT

DESTINATION: KBWI/BWI (BALTIMORE/WASHINGTON INTL, UNITED STATES)**UTC -04:00**

KBWI 081454Z 25015G25KT 10SM BKN041 BKN200 15/05 A2979 RMK A02 SLP085
T01500050 50002
KBWI 081135Z 0812/0918 26009G16KT P6SM SCT040
FM081300 27014G24KT P6SM FEW030 BKN050
FM081600 27015G26KT P6SM BKN060
FM082200 26012G19KT P6SM SCT060
FM090200 24007KT P6SM FEW070 SCT120

ALTERNATE: KIAD/IAD (WASHINGTON DULLES INTL, UNITED STATES)**UTC -04:00**

KIAD 081452Z 29011G18KT 10SM BKN049 BKN250 14/03 A2982 RMK A02 SLP098
T01440033 50003
KIAD 081135Z 0812/0918 22007KT P6SM SCT035
FM081300 26014G23KT P6SM FEW030 SCT050
FM081600 29015G24KT P6SM BKN060
FM082200 28010G17KT P6SM SCT060
FM090200 25006KT P6SM FEW070 SCT120

EDTO AIRPORT: KBGR/BGR (BANGOR INTL, UNITED STATES)**UTC -04:00**

KBGR 081453Z 25010G19KT 6SM R15/P6000FT SCT006 BKN009 OVC030 12/11 A2937
-RA BR RMK A02 SFC VIS 6 SLP945 P0001 60015 T01200111 50025 \$
KBGR 081231Z 0813/0912 20007KT 1 1/2SM BR BKN006 OVC020
FM081500 22007KT P6SM BKN012
FM081600 22008G16KT P6SM BKN025
FM081700 24010G18KT P6SM SCT045
FM082200 20006KT P6SM FEW045 SCT200

EDTO AIRPORT: EINN/SNN (SHANNON INTL, IRELAND)**UTC +01:00**

EINN 081500Z 13007KT CAVOK 21/16 Q1021 NOSIG
EINN 081100Z 0812/0912 14005KT 9999 FEW007
PROB40 TEMPO 0822/0909 0500 FG BKN001
PROB30 TEMPO 0909/0911 3000 BR BKN003

TCC318C OTHH-KBWI (08-Oct-2023) #1**ADEQUATE: OEPA/AQI (AL QAISUMAH INTL, SAUDI ARABIA)****UTC +03:00**

OEPA 081500Z 36008KT CAVOK 37/06 Q1014 NOSIG
OEPA 080945Z 0812/0918 36010KT CAVOK
BECMG 0823/0901 VRB03KT

ADEQUATE: OETR/TUI (TURAIIF, SAUDI ARABIA)**UTC +03:00**

OETR 081500Z 26010KT CAVOK 32/01 Q1016 NOSIG
OETR 081100Z 0812/0918 24010KT 9999 FEW040
BECMG 0820/0822 32006KT CAVOK
BECMG 0906/0908 29012KT

ADEQUATE: LTAI/AYT (ANTALYA INTL, TURKEY)**UTC +03:00**

LTAI 081450Z 18008KT CAVOK 26/17 Q1013 NOSIG RMK RWY18C 18008KT RWY36R
VRB06KT RWY18L 19007KT 150V210
LTAI 081040Z 0812/0912 18010KT CAVOK
BECMG 0815/0818 34006KT
BECMG 0908/0911 18010KT

ADEQUATE: LGAV/ATH (ELEFThERIOS VENIZELoS INTL, GREECE)**UTC +03:00**

LGAV 081450Z VRB03KT 9999 FEW030 26/09 Q1016 NOSIG
LGAV 081100Z 0812/0912 VRB05KT 9999 FEW020
BECMG 0812/0814 22008KT
BECMG 0821/0823 36010KT
TEMPO 0906/0912 01012G22KT

ADEQUATE: LIRF/FCO (FIUMICINO, ITALY)**UTC +02:00**

LIRF 081450Z 28009KT CAVOK 25/18 Q1021 NOSIG
LIRF 081100Z 0812/0918 28012KT CAVOK
BECMG 0819/0821 05007KT
BECMG 0910/0912 29012KT

ADEQUATE: LFPG/CDG (CHARLES-DE-GAULLE, FRANCE)**UTC +02:00**

LFPG 081500Z 18006KT CAVOK 27/12 Q1025 NOSIG
LFPG 081100Z 0812/0918 18003KT CAVOK TX27/0814Z TN12/0906Z

TCC318C OTHH-KBWI (08-Oct-2023) #1

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 340/390 INCLUSIVE
OCT 08/1130Z TO OCT 08/1900Z
PART ONE OF TWO PARTS-

A MALOT 54/20 55/30 54/40 52/50 TUDEP
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR N398A N400A-

B LIMRI 53/20 54/30 53/40 51/50 ALLRY
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR N360A N362A-

C DINIM 52/20 53/30 52/40 50/50 ELSIR
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR N318A N324A-

D SOMAX 51/20 52/30 51/40 49/50 JOOPY
EAST LVLS NIL
WEST LVLS 340 350 360 370 380 390
EUR RTS WEST NIL
NAR N276C N280A-

E KOGAD 5030/20 5130/30 5030/40 4830/50 MUSAK
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR N260A N264A-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 340/390 INCLUSIVE
OCT 08/1130Z TO OCT 08/1900Z
PART TWO OF TWO PARTS-

F BEDRA 50/20 51/30 50/40 48/50 NICSO
EAST LVLS NIL
WEST LVLS 350 360 370 390
EUR RTS WEST NIL
NAR N232A N238A-

REMARKS.

1. TMI IS 281 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 D
TRACK E

TCC318C OTHH-KBWI (08-Oct-2023) #1

TRACK F

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. ENR 2.2.4.2 PARA 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.-

END OF PART TWO OF TWO PARTS)

(NAT-1/3 TRACKS FLS 340/400 INCLUSIVE

OCT 09/0100Z TO OCT 09/0800Z

PART ONE OF THREE PARTS-

T DORYY 58/50 60/40 60/30 60/20 ERAKA ETSOM

EAST LVLS 340 350 360 370 380 390 400

WEST LVLS NIL

EUR RTS EAST NIL

NAR N799A-

U HOIST 57/50 59/40 59/30 59/20 GOMUP GINGA

EAST LVLS 340 350 360 370 380 390 400

WEST LVLS NIL

EUR RTS EAST NIL

NAR N741A-

V JANJO 56/50 58/40 58/30 58/20 SUNOT KESIX

EAST LVLS 340 350 360 370 380 390 400

WEST LVLS NIL

EUR RTS EAST NIL

NAR N681A-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 340/400 INCLUSIVE

OCT 09/0100Z TO OCT 09/0800Z

PART TWO OF THREE PARTS-

W KODIK 5530/50 5730/40 5730/30 5730/20 BILTO BEGID

EAST LVLS 350 360 370 380 390

WEST LVLS NIL

EUR RTS EAST NIL

TCC318C OTHH-KBWI (08-Oct-2023) #1

NAR N655A N651A-

X LOMSI 55/50 57/40 57/30 57/20 PIKIL SOVED
EAST LVLS 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N627A N617A-

Y NEEKO 54/50 56/40 56/30 56/20 RESNO NETKI
EAST LVLS 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N561A N555A-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 340/400 INCLUSIVE
OCT 09/0100Z TO OCT 09/0800Z
PART THREE OF THREE PARTS-

Z RIKAL 53/50 55/40 55/30 55/20 DOGAL BEXET
EAST LVLS 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N511A N495C-

REMARKS:

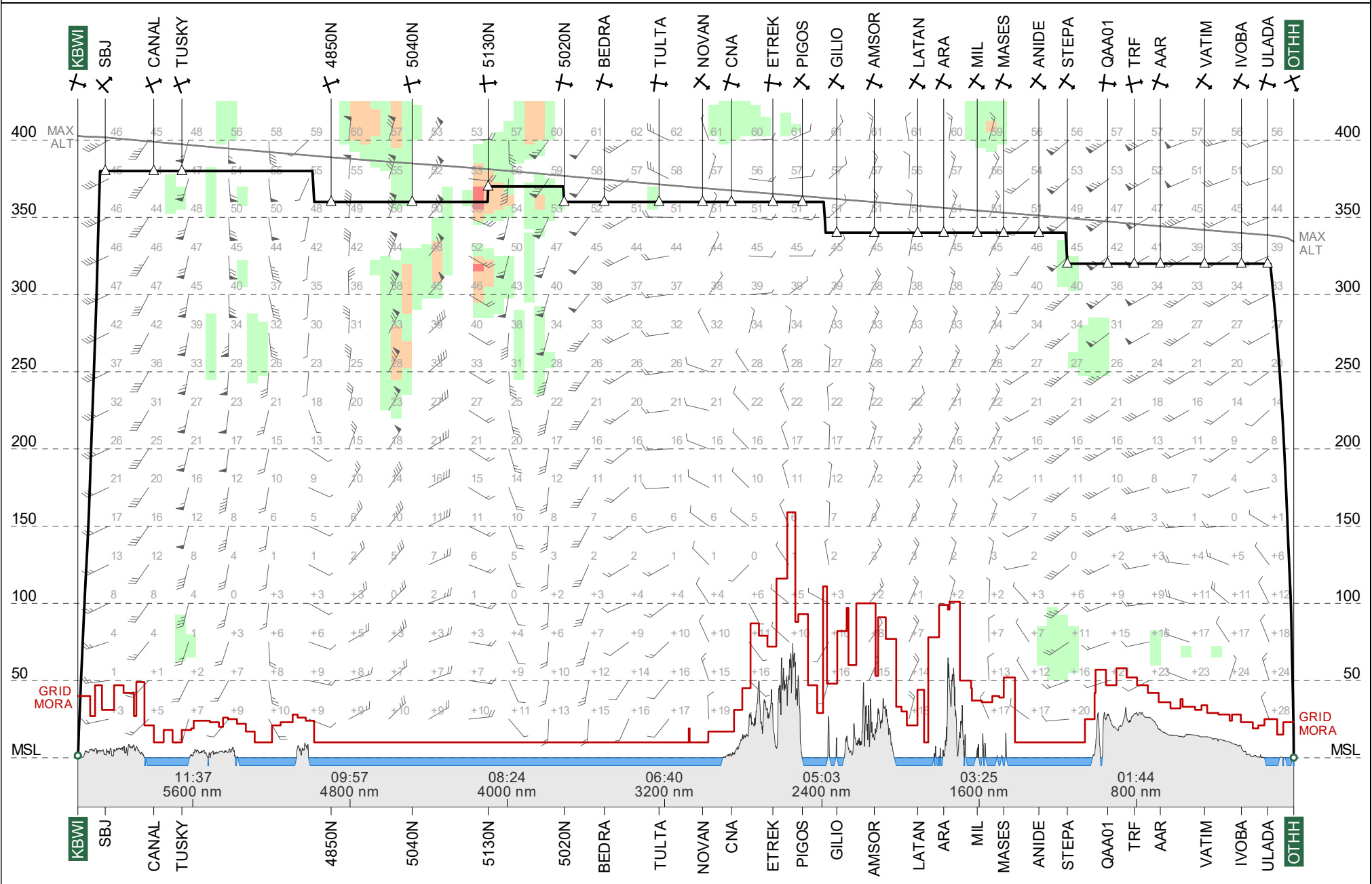
- 1.TMI IS 282 OPERATORS ARE REMINDED TO INCLUDE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
- 2.SEND RCL 90-60 MINUTES PRIOR TO OCEANIC ENTRY POINT
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS:
TRACK V
TRACK W
TRACK X
END OF PBCS OTS.
- 4.INCLUDE THE MAX LEVEL IN RCL. IF NO MAX LEVEL 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
- 7.10 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 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)

TR318C #1

KBWI ← OTHH

ETD 08 Oct 20:45z
PJTGE B77L



Route Chart

ETOPS 180

TR318C #1
OTHH-KBWI

08 Oct 2023
PJTGE B77L

Lambert Conical Projection
Standard Parallels: 34N and 42N



Wind Chart

FL360

TR318C #1
OTHH-KBWI

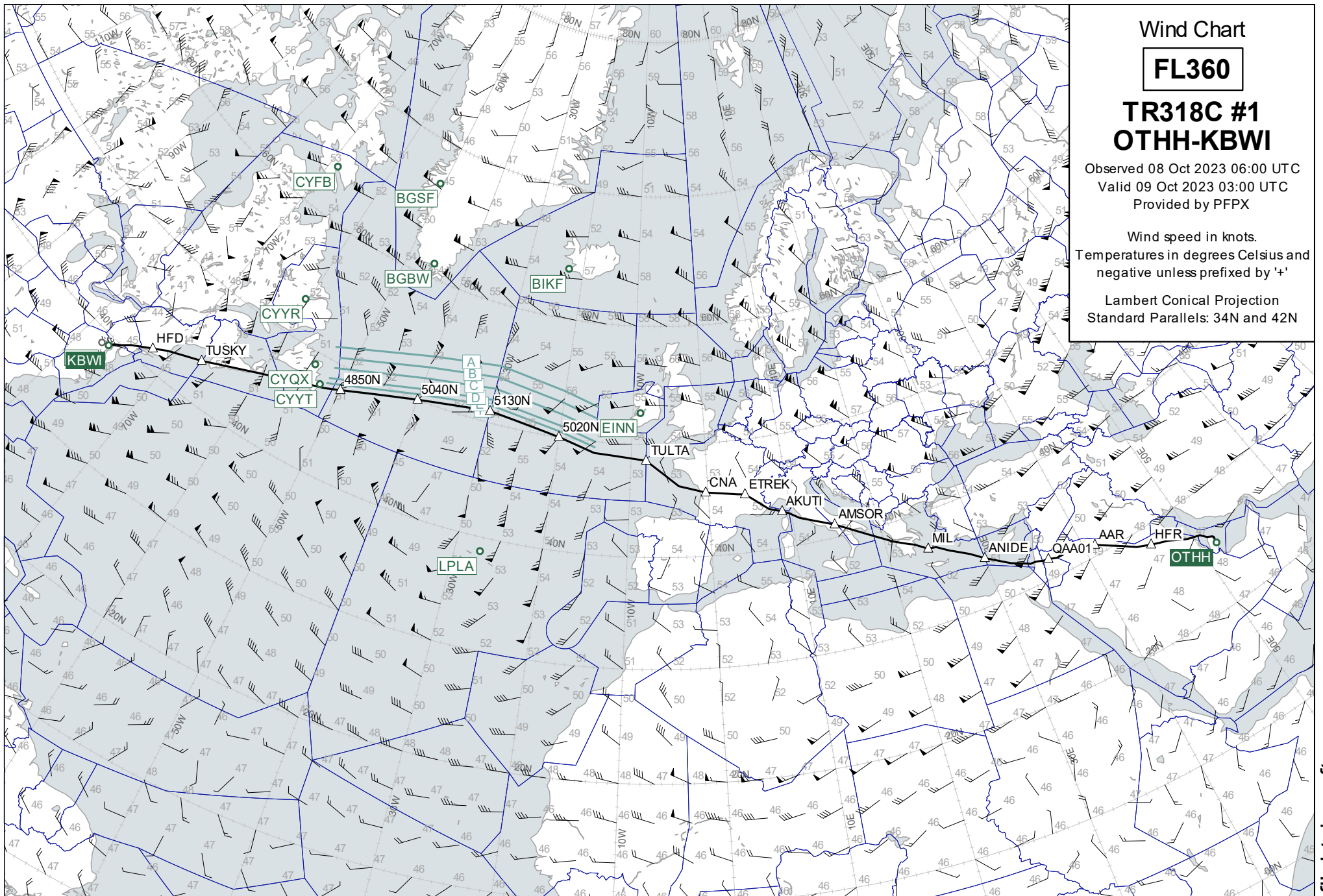
Observed 08 Oct 2023 06:00 UTC

Valid 09 Oct 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: 34N and 42N



Wind Chart

FL320

TR318C #1
OTHH-KBWI

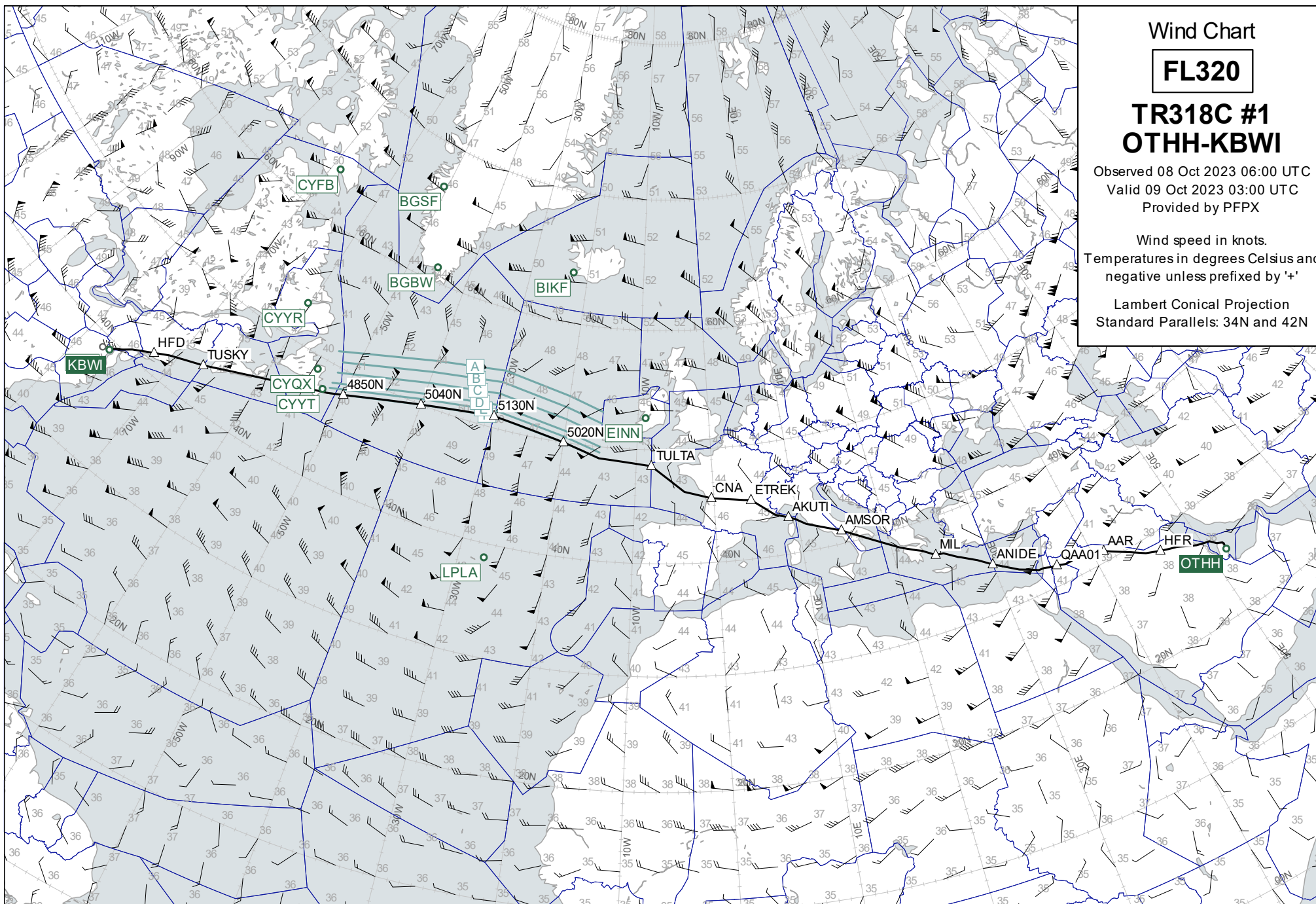
Observed 08 Oct 2023 06:00 UTC

Valid 09 Oct 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: 34N and 42N



Wind Chart

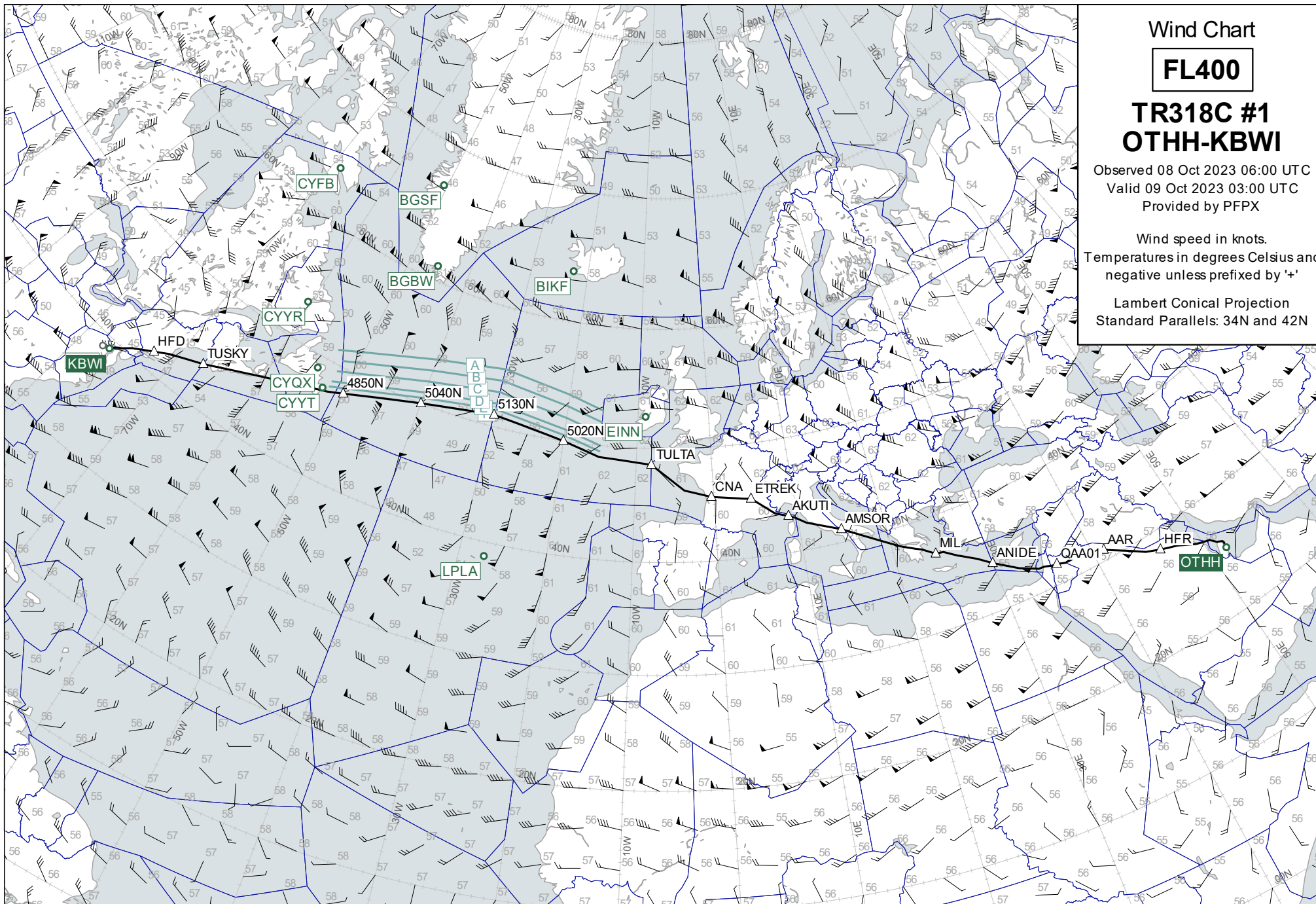
FL400

TR318C #1 OTHH-KBWI

Observed 08 Oct 2023 06:00 UTC
Valid 09 Oct 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: 34N and 42N



Destination Area

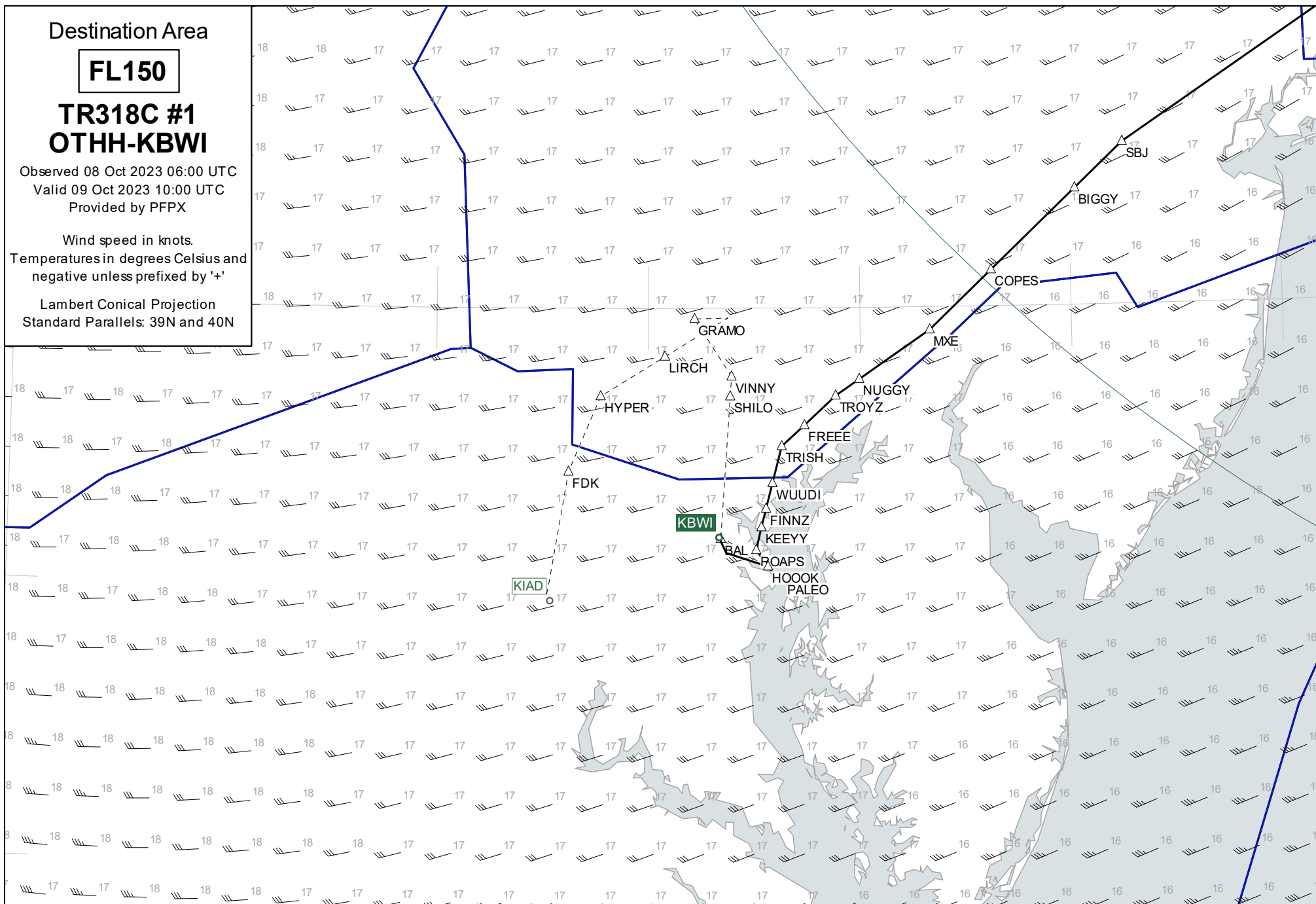
FL150

TR318C #1
OTHH-KBWI

Observed 08 Oct 2023 06:00 UTC
Valid 09 Oct 2023 10:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 39N and 40N



Plotting Chart

TR318C #1 OTHH-KBWI

08 Oct 2023
PJTGE B77L

Lambert Conical Projection
Standard Parallels: 50N and 51N

