



Tradewind VA



Flight Briefing Package

TCC316A LTFJ-KBWI

10-Oct-2021 #1

RELEASE #1

SABIHA GOKCEN INTL
(TURKEY)

-

BALTIMORE/WASHINGTON INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

10 OCT 1517 UTC

TCC316A LTFJ-KBWI (10-Oct-2021) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC316A PJTGC LTFJ-KBWI

ALL WEIGHTS IN KILOGRAMS (KG)

STD 100CT/1810Z

OFP 1 - PREPARED 100CT/1517Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR316A/TCC316A PJTGC/B777-2LR GE SEL/SALH ROUTE: LTFJKBWI01

DEP: LTFJ/SAW 06 ELEV 312 FT COST INDEX: 250 TTL G/C DIST: 4531 NM

ARR: KBWI/BWI 28 ELEV 143 FT INIT ALT: FL340 TTL F/P DIST: 4597 NM

FUEL BIAS: 102.5% TTL AIR DIST: 4827 NM

AVG WIND CMP: HD023 KT

ALT: KIAD/IAD 01R ELEV 313 FT 178 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156746	263	0	23933	14388 TOW	MAX 209106	280977	223167
						PLN 180679	266589	196035
						ACT .....	.....	.....

** TAKE-OFF DATA LTFJ 06 **

COND: 266589 KG // RWY DRY // +17°C Q1020 040/16 // LMT: STRUCT

CONFIG: FLAPS 5 // D-T01 +38C // A/I OFF/AUTO // A/C ON

SPEEDS: V1=155 VR=158 V2=163

ENG OUT: AT 1 DME 'SBH' 108.8 LT ON TRACK 355. AT 14 DME 'SBH' 108.8 RT TO
'SBH' 108.8 TO ITCPT AND PRCD ON R 242 'SBH' 108.8 . AT 15 DME 'SBH'
108.8 ENTER HLDG (062 INBD,RT)

	FUEL	CORR	ENDUR	
TRIP	70554	.....	10:07	
CONT 5%	3528	.....	00:34	
ALTN KIAD	4174	.....	00:41	
FINAL RESV	3072	.....	00:30	
HOLD	2050	.....	00:20	
ADD FUEL	995	.....	00:10	
MIN T/O	84373	.....	12:22	.....
EXTRA	1537	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	86915	.....	12:52	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	14686	.....	02:20	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 15925 KG LIM BY ENRTE

TRIP CORR FOR 5000 KG TOW INCR: +1113 KG / 5000 KG TOW DECR: -1111 KG

2000 FT LOWER: +597 KG / EET 10:00 CLB: 250/310/84 DES: 84/320/250

LTFJ	STD 18:10Z/21:10L	ETD 18:10Z	ACT OFBL	EST T/O 18:25Z	ACT T/O
KBWI	STA 05:25Z/01:25L	ETA 04:42Z	ACT ONBL	EST LDG 04:32Z	ACT LDG
	SKD 11:15	PLN 10:32	TTL BLCK	EST FLT 10:07	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

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ETOPS ENTRY (EINN) 357 NM BEFORE 5330N N53 00.3 W020 07.1 EET 04:47
ETOPS EXIT (CYQX) 299 NM BEFORE TUDEP N52 26.5 W045 26.9 EET 06:45

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (00:03-02:31)

CYQX (02:00-02:31)

ONE ENGINE OUT DECOMP ETP 1 FOR EINN/CYQX N53 05.3 W033 02.4 EET 05:50
84/320/250 DESC TO FL100 CRUISE AT 1E0320 251 NM BEFORE 5340N
PLN FUEL OVER ETP 40854 ETP FUEL REQ 19258 DIV TIME 02:16
ETP TO EINN (N52 42.1 W008 55.5) DIST 871 NM WC TL011 TT 082
ETP TO CYQX (N48 56.2 W054 34.1) DIST 848 NM WC TL005 TT 262

ALL ENGINE DECOMP ETP 1 FOR EINN/CYQX N53 05.3 W033 02.4 EET 05:50
84/320/250 DESC TO FL100 CRUISE AT AE320 251 NM BEFORE 5340N
PLN FUEL OVER ETP 40854 ETP FUEL REQ 18379 DIV TIME 02:16
ETP TO EINN (N52 42.1 W008 55.5) DIST 871 NM WC TL011 TT 082
ETP TO CYQX (N48 56.2 W054 34.1) DIST 848 NM WC TL005 TT 262

ONE ENGINE OUT ETP 1 FOR EINN/CYQX N53 05.4 W033 04.9 EET 05:50
1E084/320 DESC TO FL283 CRUISE AT 1E0320 250 NM BEFORE 5340N
PLN FUEL OVER ETP 40833 ETP FUEL REQ 18092 DIV TIME 01:46
ETP TO EINN (N52 42.1 W008 55.5) DIST 872 NM WC TL020 TT 082
ETP TO CYQX (N48 56.2 W054 34.1) DIST 846 NM WC TL011 TT 262

ATC ROUTE: N0489F340 BKZ3N BKZ UL615 DIGBO UQ26 TUDBU Q26 ETUBA T226 NAVOD DCT
MOPUG DCT BEGLA/N0486F360 DCT DITIS DCT SOPGA DCT VARIK DCT ROBEL
L602 SPY DCT RAVLO Y70 OTBED DCT NISBI DCT DOPEK DCT ARTIX DCT MOGMO
DCT MAMUL L60 PENIL M144 BAGSO DCT MALOT DCT 53N020W/N0484F380
53N030W 53N040W DCT TUDEP N398A TOPPS DCT ENE/N0486F400 DCT NELIE
Q75 MXE V378 NUGGY TRISH3

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
KIAD/01R 178 10000 048 HD001 00:41 4174 - PALEO3 PALEO V44 BAL DCT
SHILO V31 GRAMO V474 DELRO
DELRO5

MOST CRITICAL MORA 10700 FT AT LTFJ

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
-FIR	NAME			ISA	WND/SPD	GS	REM	POSITION		ETO / ATO	
	LTFJ/06		312	107				85.9 / 1.0			
	SABIHA GOKCEN INTL					4597		N4053.6 E02917.6	/.....		
BKZ3N	D059G	058	*CLB	107		9		84.4 / 2.5	03 00.03		
	SBH059007			P05	213/014	4588		N4057.5 E02928.3	/.....		
BKZ3N	D321G	280	*CLB	107		10		83.7 / 3.2	02 00.05		
	SBH321007			P05	226/020	4578		N4100.3 E02914.9	/.....		

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BKZ3N	BKZ BEYKOZ	321	*CLB 031	117.30	9	83.3 / 3.6	02	00.07
			P06 234/023		4569	N4107.6 E02908.6	/.....	
UL615	DIGBO	298	*CLB 031		40	81.8 / 5.2	05	00.12
			P02 241/027		4529	N4129.6 E02824.3	/.....	
UQ26	*TOC	310	FL340 030	489	21	81.1 / 5.8	03	00.15
			M00 246/033	477	4507	N4144.9 E02804.2	/.....	
UQ26 -LBSR	TUDBU	309	FL340 048	489	19	80.8 / 6.1	02	00.17
			M01 244/035	476	4489	N4158.0 E02746.6	/.....	
Q26	ETUBA	309	FL340 073	488	73	79.7 / 7.3	09	00.26
			M01 233/045	477	4416	N4248.9 E02635.8	/.....	
T226	GRN GORNA	292	FL340 073	115.55	488 44	78.9 / 8.0	06	00.32
			M01 229/051	468	4372	N4309.2 E02542.7	/.....	
	LYBE	300	FL340 039		25	78.5 / 8.4	03	00.35
			M03 223/034		4347	N4323.8 E02515.2	/.....	
T226 -LRBB	NAVOD	300	FL340 047	488	37	77.9 / 9.0	05	00.40
			M01 227/049	474	4310	N4345.4 E02433.6	/.....	
DCT -LHCC	MOPUG	307	FL340 106	485	219	74.5 / 12.4	27	01.07
			M04 216/030	486	4091	N4609.8 E02042.5	/.....	
	LOWW	300	FL340 045		141	72.3 / 14.6	17	01.24
			M03 253/025		3950	N4729.8 E01752.4	/.....	
DCT	BEGLA	299	*CLB 037		37	71.7 / 15.2	05	01.29
			M03 237/023		3913	N4749.9 E01706.9	/.....	
DCT -LOWV	*BDRY	305	*CLB 037		4	71.6 / 15.3	01	01.30
			M01 237/019		3909	N4752.6 E01702.0	/.....	
DCT	DITIS	305	FL360 056	486	98	70.1 / 16.8	12	01.42
			P03 358/012	480	3811	N4853.9 E01507.0	/.....	
DCT -LKAA	*BDRY	306	FL360 055	486	6	70.0 / 16.9	01	01.43
			P03 000/013	479	3805	N4858.0 E01459.6	/.....	
DCT	SOPGA	306	FL360 072	486	115	68.2 / 18.7	14	01.57
			P01 002/034	467	3690	N5010.6 E01243.1	/.....	
DCT -EDUU	VARIK	294	FL360 055	485	15	68.0 / 18.9	02	01.59
			P00 000/034	470	3675	N5017.5 E01222.9	/.....	
	EDDK	293	FL360 055		14	67.8 / 19.1	02	02.01
			M02 318/042		3661	N5023.8 E01203.2	/.....	
DCT	ROBEL	293	FL360 055	484	69	66.7 / 20.2	09	02.10
			M01 341/040	456	3592	N5053.9 E01026.1	/.....	
L602	KEMAD	292	FL360 052	484	32	66.2 / 20.7	04	02.14
			M01 337/044	451	3561	N5107.4 E00940.5	/.....	

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L602 -EDVV	*BDRY	299	FL360 042 M01 334/047	484 24 448 3536	65.8 / 21.1 N5120.1 E00907.5	03 02.17/.....
L602	HMM HAMM	298	FL360 043 M02 329/053	115.65 484 62 437 3475	64.8 / 22.1 N5151.4 E00742.5	09 02.26/.....
L602	REBGU	293	FL360 037 M02 327/053	484 30 438 3445	64.3 / 22.6 N5204.4 E00658.2	04 02.30/.....
L602	RELBI	293	FL360 022 M02 327/054	484 6 438 3438	64.2 / 22.7 N5207.1 E00648.8	01 02.31/.....
L602 -EHAA	RKN REKKEN	294	FL360 022 M02 327/054	116.80 484 2 437 3436	64.1 / 22.8 N5208.0 E00645.8	00 02.31/.....
L602	TENLI	288	FL360 022 M02 325/055	484 20 439 3416	63.8 / 23.1 N5214.8 E00615.0	03 02.34/.....
L602	FLEVO	287	FL360 024 M02 323/057	484 25 435 3391	63.4 / 23.5 N5223.1 E00536.1	03 02.37/.....
L602	SPY SPIJKERBOOR	287	FL360 024 M03 320/060	113.30 484 29 433 3362	62.9 / 24.0 N5232.4 E00451.2	04 02.41/.....
DCT -EGTT	RAVLO	289	FL360 017 M03 315/066	484 66 426 3296	61.8 / 25.1 N5255.0 E00308.9	09 02.50/.....
	EGCC	281	FL360 016 M03 318/084	33 3263	61.2 / 25.7 N5301.9 E00215.9	05 02.55/.....
Y70	BODSO	281	FL360 016 M03 312/066	484 6 427 3257	61.1 / 25.8 N5303.1 E00205.7	01 02.56/.....
Y70	SUPEL	281	FL360 018 M03 311/066	484 55 426 3202	60.2 / 26.7 N5313.7 E00035.5	08 03.04/.....
Y70	ABTOS	280	FL360 018 M03 311/066	484 6 426 3196	60.1 / 26.8 N5314.8 E00025.6	00 03.04/.....
Y70	OTBED	280	FL360 018 M03 310/066	484 14 426 3181	59.9 / 27.1 N5317.3 E00001.9	02 03.06/.....
DCT	NISBI	280	FL360 028 M03 304/072	485 25 418 3156	59.4 / 27.5 N5321.5 W00039.4	04 03.10/.....
DCT	DOPEK	280	FL360 028 M03 302/075	485 10 418 3146	59.3 / 27.7 N5323.1 W00055.5	01 03.11/.....
DCT	ARTIX	280	FL360 036 M03 302/076	485 4 415 3142	59.2 / 27.7 N5323.7 W00102.2	01 03.12/.....
DCT	MOGMO	280	FL360 036 M03 302/076	485 6 414 3136	59.1 / 27.8 N5324.7 W00112.9	01 03.13/.....
DCT	MAMUL	279	FL360 036 M03 303/076	485 2 414 3133	59.0 / 27.9 N5325.1 W00116.8	00 03.13/.....
L60	ADELU	279	FL360 036	485 9	58.9 / 28.0	02 03.15

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				M03 303/076 414 3124	N5326.5 W00132.2	/.....
L60	BOLBI	279	FL360 036	485 10	58.7 / 28.2	01 03.16
				M03 304/076 414 3114	N5328.0 W00148.8	/.....
L60	SONEX	279	FL360 036	485 13	58.5 / 28.4	02 03.18
				M03 304/076 415 3101	N5329.9 W00210.4	/.....
L60	PENIL	279	FL360 047	485 54	57.5 / 29.4	08 03.26
				M03 303/077 415 3047	N5337.0 W00339.8	/.....
M144	BABRA	276	FL360 047	485 10	57.4 / 29.6	01 03.27
				M03 303/077 416 3037	N5337.7 W00356.7	/.....
M144	GIGTO	275	FL360 048	485 5	57.3 / 29.6	01 03.28
				M03 303/077 416 3032	N5338.0 W00405.9	/.....
M144	UNDUX	275	FL360 048	485 8	57.1 / 29.8	01 03.29
				M03 303/075 417 3024	N5338.5 W00418.7	/.....
M144	SOPAX	275	FL360 048	485 5	57.1 / 29.9	01 03.30
				M03 303/075 418 3019	N5338.8 W00427.1	/.....
M144	RAMOX	275	FL360 048	485 14	56.8 / 30.1	02 03.32
				M03 303/072 419 3005	N5339.6 W00450.4	/.....
M144	OGTUG	275	FL360 048	485 11	56.6 / 30.3	01 03.33
				M03 303/071 421 2994	N5340.2 W00508.8	/.....
M144 -EISN	BAGSO	275	FL360 017	485 13	56.4 / 30.5	02 03.35
				M03 302/070 422 2982	N5340.8 W00530.0	/.....
	EINN	269	FL360 043	104	54.7 / 32.2	15 03.50
				M02 304/063 2878	N5333.2 W00825.2	/.....

OCEANIC ENTRY

[] LR NAV ACCUR CHECK	AT	__Z	CAPT	_____	STBY	_____	F0	_____
[] RVSM ALTIMETER CHECK	AT	__Z	CAPT	_____	STBY	_____	F0	_____
[] COMPASS HDG CHECK	AT	__Z	CAPT	_____	STBY	_____	F0	_____
[] HF CHECK	AT	__Z	SIGNATURE	(.....) _____				

DCT -EGGX	MALOT	268	FL360 041	487 239	50.8 / 36.1	32 04.22
				M01 287/049 443 2639	N5300.0 W01500.0	/.....
	*CLB	278	FL380 010	489 175	48.1 / 38.8	24 04.46
				P00 272/047 441 2464	N5300.2 W01950.7	/.....
DCT	5320N 53N020W	276	*CLB 010	6	47.9 / 39.0	01 04.47
				M03 273/048 2458	N5300.0 W02000.0	/.....

ETOPS ENTRY (EINN) 0357 NM BEFORE 5330N EET 04:47

DCT -CZQX	5330N 53N030W	282	FL380 010	484 361	42.4 / 44.5	48 05.35
				M02 201/057 457 2096	N5300.0 W03000.0	/.....

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-EGGX	*ETP 1 EINN/CYQX	286	FL380	010	484	110	40.9 / 46.1	15	05.50
				M02	192/072	462 1987	N5305.3 W03302.4	/.....	
DCT	5340N	285	FL380	010	488	252	37.4 / 49.5	31	06.21
-CZQX	53N040W			P04	152/049	503 1735	N5300.0 W04000.0	/.....	
----- ETOPS EXIT (CYQX) 0299 NM BEFORE TUDEP EET 06:45 -----									
DCT	TUDEP	276	FL380	010	487	500	31.1 / 55.8	59	07.20
				P01	357/045	498 1235	N5110.0 W05314.0	/.....	
N398A	*BDRY	263	FL380	040	486	366	26.4 / 60.6	45	08.05
-CZQM				M01	296/029	470 869	N4814.2 W06130.0	/.....	
	KBGR	256	FL380	018		56	25.6 / 61.3	08	08.13
				P01	304/029	813	N4744.1 W06241.2	/.....	
N398A	*BDRY	255	FL380	036	493	241	22.3 / 64.6	31	08.44
-KZBW				P03	262/051	448 572	N4528.0 W06729.6	/.....	
N398A	TOPPS	250	FL380	027	493	14	22.1 / 64.8	02	08.46
				P04	264/052	448 559	N4520.4 W06744.3	/.....	
DCT	ENE KENNEBUNK	244	*CLB	074	117.10	169	19.7 / 67.2	23	09.09
				P01	261/059	390	N4325.5 W07036.8	/.....	
DCT	NELIE	241	FL400	071	486	128	17.9 / 69.1	17	09.26
				M02	270/040	455 262	N4156.5 W07241.3	/.....	
	KBWI	239	FL400	042		10	17.7 / 69.2	01	09.27
				M02	294/038	252	N4149.3 W07251.1	/.....	
Q75	GREKI	239	FL400	047	486	29	17.3 / 69.6	04	09.31
				M01	274/037	459 222	N4128.8 W07318.9	/.....	
Q75	BIZEK	239	FL400	047	486	17	17.1 / 69.8	02	09.33
				M01	277/036	460 206	N4117.1 W07334.8	/.....	
Q75	DUEYS	244	FL400	047	486	13	17.0 / 70.0	02	09.35
				M01	280/036	460 193	N4109.2 W07347.8	/.....	
Q75	*BDRY	245	FL400	047	486	4	16.9 / 70.0	00	09.35
-KZNY				M01	279/036	460 189	N4106.7 W07352.0	/.....	
Q75	JERSY	245	FL400	065	486	31	16.5 / 70.4	04	09.39
				M01	282/034	463 158	N4047.5 W07424.0	/.....	
Q75	SBJ SOLBERG	244	FL400	031	112.90	486 20	16.2 / 70.7	03	09.42
				M01	283/034	463 138	N4035.0 W07444.5	/.....	
Q75	*TOD	240	FL400	031	486	8	16.1 / 70.8	01	09.43
				M01	284/034	466 130	N4029.6 W07452.2	/.....	
Q75	BIGGY	239	*DES	031		6	16.1 / 70.8	01	09.44
				P01	291/034	124	N4025.2 W07458.4	/.....	
Q75	COPEK	239	*DES	047		25	16.1 / 70.8	03	09.47
				P07	341/018	98	N4007.9 W07522.6	/.....	

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Q75	MXE MODENA	239	*DES 047 113.20 P12 310/013	19 80	16.0 / 70.9 N3955.1 W07540.3	02 09.49/.....
V378	NUGGY	248	*DES 040 P11 324/008	19 61	16.0 / 71.0 N3944.6 W07600.4	03 09.52/.....
TRISH3	TROYZ	247	*DES 040 P10 328/008	6 55	15.9 / 71.0 N3941.0 W07607.1	01 09.53/.....
TRISH3	FREEE	239	*DES 040 P09 332/009	9 45	15.9 / 71.0 N3934.7 W07616.0	02 09.55/.....
TRISH3	TRISH	239	*DES 040 P08 335/010	7 39	15.8 / 71.1 N3930.2 W07622.4	01 09.56/.....
TRISH3 -KZDC	WUUDI	206	*DES 040 P07 345/009	8 30	15.8 / 71.1 N3922.2 W07625.1	01 09.57/.....
TRISH3	FINNZ	206	*DES 040 P06 007/006	6 25	15.8 / 71.2 N3916.7 W07626.9	02 09.59/.....
TRISH3	ASHOR	159	*DES 040 P06 037/005	4 21	15.7 / 71.2 N3913.5 W07624.3	00 09.59/.....
TRISH3	GRAMZ	105	*DES 040 P05 071/006	4 17	15.7 / 71.2 N3913.2 W07618.8	01 10.00/.....
TRISH3	KBWI/28 BALTIMORE/WASHINGTON	271	143 040	17	15.4 / 71.6 N3910.4 W07639.3	07 10.07/.....

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WIND INFORMATION - OBS 10/OCT 06:00

(CLIMB)			ETUBA			NAVOD			MOPUG		
FL330	244/032	-50	FL380	230/038	-55	FL380	228/041	-55	FL380	207/028	-57
FL260	240/026	-33	FL360	232/042	-54	FL360	228/045	-54	FL360	212/029	-56
FL200	236/024	-20	FL340	233/046	-54	FL340	227/050	-54	FL340	216/031	-56
FL130	224/019	-6	FL320	234/044	-49	FL320	225/042	-50	FL320	208/029	-51
6000	156/005	+7	FL300	234/041	-44	FL300	222/033	-45	FL300	198/028	-47
DITIS			SOPGA			KEMAD			REBGU		
FL400	349/012	-54	FL400	352/021	-57	FL400	331/031	-59	FL400	321/043	-61
FL380	351/013	-54	FL380	358/026	-57	FL380	336/037	-59	FL380	325/050	-61
FL360	358/013	-53	FL360	003/034	-55	FL360	337/044	-58	FL360	328/054	-59
FL340	006/012	-53	FL340	006/043	-54	FL340	338/053	-56	FL340	330/058	-56
FL320	303/006	-50	FL320	006/043	-50	FL320	342/051	-51	FL320	330/057	-51
RAVLO			ABTOS			PENIL			MALOT		
FL400	313/064	-63	FL400	309/065	-64	FL400	300/071	-64	FL400	294/051	-64
FL380	316/071	-63	FL380	311/071	-64	FL380	301/078	-64	FL380	291/052	-62
FL360	316/066	-59	FL360	311/067	-60	FL360	304/077	-59	FL360	288/049	-57
FL340	316/061	-56	FL340	311/062	-55	FL340	307/077	-54	FL340	284/046	-52
FL320	316/059	-50	FL320	310/060	-50	FL320	303/072	-49	FL320	284/043	-47
5330N			5340N			TUDEP			TOPPS		
FL420	204/050	-62	FL420	153/037	-54	FL420	352/038	-55	FL420	274/042	-56
FL400	203/054	-61	FL400	154/043	-54	FL400	355/041	-55	FL400	269/048	-54
FL380	201/057	-59	FL380	153/049	-53	FL380	357/045	-55	FL380	264/052	-53
FL360	201/060	-55	FL360	149/054	-52	FL360	358/052	-55	FL360	260/050	-51
FL340	201/063	-52	FL340	145/061	-51	FL340	359/060	-55	FL340	256/049	-49
NELIE			JERSY			(DESCENT)					
FL440	285/032	-59	FL440	277/031	-61	FL390	230/049	-58			
FL420	277/036	-59	FL420	280/033	-59	FL310	298/024	-41			
FL400	271/040	-58	FL400	283/035	-58	FL230	263/023	-20			
FL380	268/041	-57	FL380	286/033	-56	15000	274/008	-6			
FL360	275/032	-53	FL360	295/025	-53	7000	142/011	+6			

END FLIGHTPLAN 00806 TCC316A PJTGC LTFJ-KBWI 10OCT2021

TCC316A LTFJ-KBWI (10-Oct-2021) #1

[ATC FLIGHTPLAN]

(FPL-TCC316A-IN
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-LTFJ1810
-N0489F340 BKZ UL615 DIGBO UQ26 TUDBU Q26 ETUBA T226 NAVOD DCT
MOPUG DCT BEGLA/N0486F360 DCT DITIS DCT SOPGA DCT VARIK DCT
ROBEL L602 SPY DCT RAVLO Y70 OTBED DCT NISBI DCT DOPEK DCT ARTIX
DCT MOGMO DCT MAMUL L60 PENIL M144 BAGSO DCT MALOT DCT
53N020W/N0484F380 53N030W 53N040W DCT TUDEP N398A TOPPS DCT
ENE/N0486F400 DCT NELIE Q75 MXE V378 NUGGY TRISH3
-KBWI1007 KIAD
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/211010 REG/PJTGC
EET/LBSR0017 LRBB0040 LHCC0107 LOVV0130 LKAA0143 EDUU0159
EDVV0217 EHAA0231 EGT0250 EISN0335 EGGX0422 53N020W0447
53N030W0535 CZQX0536 53N040W0621 CZQM0805 KZBW0844 KZNY0935
KZDC0957
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/C
RALT/EINN CYQX
RMK/TCAS
-E/1237)

TCC316A LTFJ-KBWI (10-Oct-2021) #1

[PLANNING WEATHER]

ORIGIN: LTFJ/SAW (SABIHA GOKCEN INTL, TURKEY)

UTC +03:00

LTFJ 101450Z 04012KT 8000 BKN007 BKN025 17/16 Q1020 NOSIG RMK RWY24
03012KT

LTFJ 101040Z 1012/1112 04016KT 6000 BKN008 BKN025
TEMPO 1012/1015 4000 -SHRA BR BKN004 BKN025
PROB40 TEMPO 1015/1018 4000 -SHRA BR BKN004 BKN008
BECMG 1018/1021 03006KT
BECMG 1107/1110 SCT035 BKN100

DESTINATION: KBWI/BWI (BALTIMORE/WASHINGTON INTL, UNITED STATES)

UTC -04:00

KBWI 101454Z 05010KT 7SM OVC012 21/17 A3009 RMK A02 SLP189 T02060172 57003
KBWI 101141Z 1012/1118 05008KT 6SM -DZ BR SCT008 OVC012
FM101400 05010G18KT P6SM OVC015
FM102000 05012G19KT P6SM BKN025 BKN140
FM110100 02008KT P6SM BKN015 OVC035
FM111500 03008KT P6SM BKN025 OVC035

ALTERNATE: KIAD/IAD (WASHINGTON DULLES INTL, UNITED STATES)

UTC -04:00

KIAD 101452Z 03006KT 10SM OVC014 20/18 A3011 RMK A02 SLP193 T02000183
50001 \$
KIAD 101141Z 1012/1118 36005KT 3SM -DZ BR OVC005
FM101600 03008G16KT P6SM SCT008 BKN015 OVC025
FM101900 03008G16KT P6SM SCT020 BKN035 BKN250
FM110200 02006KT P6SM BKN015
FM110600 35006KT P6SM SCT008 BKN015 OVC035
FM111500 03008KT P6SM BKN025 OVC035

EDTO AIRPORT: CYQX/YQX (GANDER INTL, CANADA)

UTC -02:30

CYQX 101500Z 35020G26KT 20SM BKN017 06/02 A3009 RMK SC7 SLP197
CYQX 101138Z 1012/1112 35018G28KT P6SM BKN020
TEMPO 1012/1016 BKN030
FM101600 34018G28KT P6SM SCT020
TEMPO 1016/1018 BKN020
FM101800 33018G28KT P6SM FEW030
BECMG 1018/1020 33012G22KT
BECMG 1022/1024 31008KT
FM110800 29005KT P6SM FEW003
PROB30 1108/1112 3/4SM BR BKN003
RMK NXT FCST BY 101800Z

TCC316A LTFJ-KBWI (10-Oct-2021) #1

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

UTC +01:00

EINN 101500Z 30006KT 9999 SCT030 16/09 Q1034 NOSIG
EINN 101100Z 1012/1112 VRB03KT 9999 SCT010
PROB30 TEMPO 1012/1013 3000 BR
BECMG 1012/1014 30010KT
BECMG 1017/1019 VRB03KT
PROB30 TEMPO 1100/1102 3000 BR SCT003
TEMPO 1102/1111 1500 BR BKN002
PROB40 TEMPO 1103/1110 0400 FG BKN001

ADEQUATE: LYBE/BEG (NIKOLA TESLA, SERBIA AND MONTENEGRO)

UTC +02:00

LYBE 101430Z 11017KT 9999 -RA SCT037 09/05 Q1022 NOSIG
LYBE 070500Z 0706/0806 11018KT 9999 SCT040 TX15/0713Z TN10/0805Z
TEMPO 0706/0712 13020G30KT
TEMPO 0719/0806 RA
BECMG 0801/0803 BKN013

ADEQUATE: LOWW/VIE (SCHWECHAT, AUSTRIA)

UTC +02:00

LOWW 101450Z 35004KT 9999 SCT045 10/04 Q1026 NOSIG
LOWW 101415Z 1015/1121 36005KT 9999 BKN050 TX13/1114Z TN06/1103Z
BECMG 1106/1108 31012KT

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

UTC +02:00

EDDK 101450Z 16003KT 080V180 CAVOK 17/06 Q1026 NOSIG
EDDK 101100Z 1012/1118 VRB03KT CAVOK
BECMG 1102/1105 OVC013
TEMPO 1103/1109 4000 -DZRA BR BKN005
BECMG 1109/1111 31007KT BKN020

ADEQUATE: EGCC/MAN (MANCHESTER, UNITED KINGDOM)

UTC +01:00

EGCC 101450Z AUTO 29012KT 9999 SCT033 SCT042 14/07 Q1031
EGCC 101055Z 1012/1118 30007KT 9999 SCT025
PROB30 TEMPO 1104/1108 8000

ADEQUATE: KBGR/BGR (BANGOR INTL, UNITED STATES)

UTC -04:00

KBGR 101453Z 19005KT 10SM BKN033 OVC150 13/10 A3036 RMK A02 SLP280
T01280100 58002
KBGR 101120Z 1012/1112 00000KT P6SM BKN060
TEMPO 1012/1013 3/4SM BR SCT002
FM101500 18003KT P6SM OVC029
FM101800 19005KT P6SM BKN030
FM110200 18003KT P6SM BKN180
FM111000 00000KT 1SM BR SCT002

TCC316A LTFJ-KBWI (10-Oct-2021) #1

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 310/390 INCLUSIVE
OCT 10/1130Z TO OCT 10/1900Z
PART ONE OF TWO PARTS-

A MALOT 53/20 53/30 53/40 52/50 TUDEP
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL -

B LIMRI 52/20 52/30 52/40 51/50 ALLRY
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL -

C DINIM 51/20 51/30 51/40 50/50 ELSIR
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL -

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

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 310/390 INCLUSIVE
OCT 10/1130Z TO OCT 10/1900Z
PART TWO OF TWO PARTS-

E BEDRA 49/20 49/30 49/40 48/50 NICS0
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL -

REMARKS.

1. TMI IS 283 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
NO ASSIGNED PBCS TRACKS
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.
5. SLOP SHOULD BE STANDARD PROCEDURE, NOT JUST FOR AVOIDING WX/TURB.
5. 80 PERCENT OF GROSS NAVIGATION ERRORS RESULT FROM POOR COCKPIT

TCC316A LTFJ-KBWI (10-Oct-2021) #1

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 PRIOR TO ENTERING THE SHANWICK OCA MUST INITIATE A LOGON TO EGGX BETWEEN 10

AND 25 MINUTES PRIOR TO OCA ENTRY.-

END OF PART TWO OF TWO PARTS)

(NAT-1/2 TRACKS FLS 320/400 INCLUSIVE

OCT 11/0100Z TO OCT 11/0800Z

PART ONE OF TWO PARTS-

T ALLRY 51/50 53/40 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 N389B N381B-

U ELSIR 50/50 52/40 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 N333B N323A-

V IBERG 4930/50 5130/40 5230/30 5330/20 NEBIN OLGON
EAST LVLS 350 360 370 380 390
WEST LVLS NIL
EUR RTS EAST NIL
NAR N301B N291A-

W JOOPY 49/50 51/40 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 N269A N255A-

X NICS0 48/50 50/40 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 N211E N195A-

Y SOORY 44/50 47/40 50/30 51/20 DINIM ELSOX
EAST LVLS 320 340 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

END OF PART ONE OF TWO PARTS)

TCC316A LTFJ-KBWI (10-Oct-2021) #1

(NAT-2/2 TRACKS FLS 320/400 INCLUSIVE
OCT 11/0100Z TO OCT 11/0800Z
PART TWO OF TWO PARTS-

Z DOVEY 42/60 43/50 44/40
EAST LVLS 350 370
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

1.TMI IS 284 AND OPERATORS ARE REMINDED TO INCLUDE TMI NUMBER IN
OCEANIC

CLEARANCE READ BACK.

2.ADS-C AND CPDLC ARE MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE.

3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS

TRACK U

TRACK V

TRACK W

END OF PBCS OTS.

4.AS PER NOTAM H3196/21,GANDER OCEANIC VERBAL CLEARANCE DELIVERY SVC
NOT AVBL.

EASTBOUND OCEANIC FLT WILL REC CLEARANCE BY MONCTON, MONTREAL OR
GANDER ACC.

OPR ARE TO REQUEST THEIR CLR ON CONTROL FREQ.DATA LINK CLR SERVICE
UNCHANGED.

5.80 PERCENT OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT
PROCEDURES

ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.

6.SEE NAT OPS BULLETIN 2015?004 FOR DATALINK CREW PROCEDURES.

ICAO WEBSITE WWW.ICAO.INT

7.EASTBOUND AIRCRAFT OPERATING IN THE OTS MUST COMPLY WITH NAR FLIGHT
PLANNING RULES IN CANADA FLIGHT SUPPLEMENT OR DAILY BOSTON ADVISORY

8.AIRCRAFT EXITING THE NAT INTO TO A DOMESTIC AGENCY SHOULD CONTINUE
TO OPERATE TRANSPONDERS ON CODE 2000 UNTIL OTHERWISE ADVISED BY ATC
SEE ICAO NAT DOC 007 6.8 FOR MORE INFO.

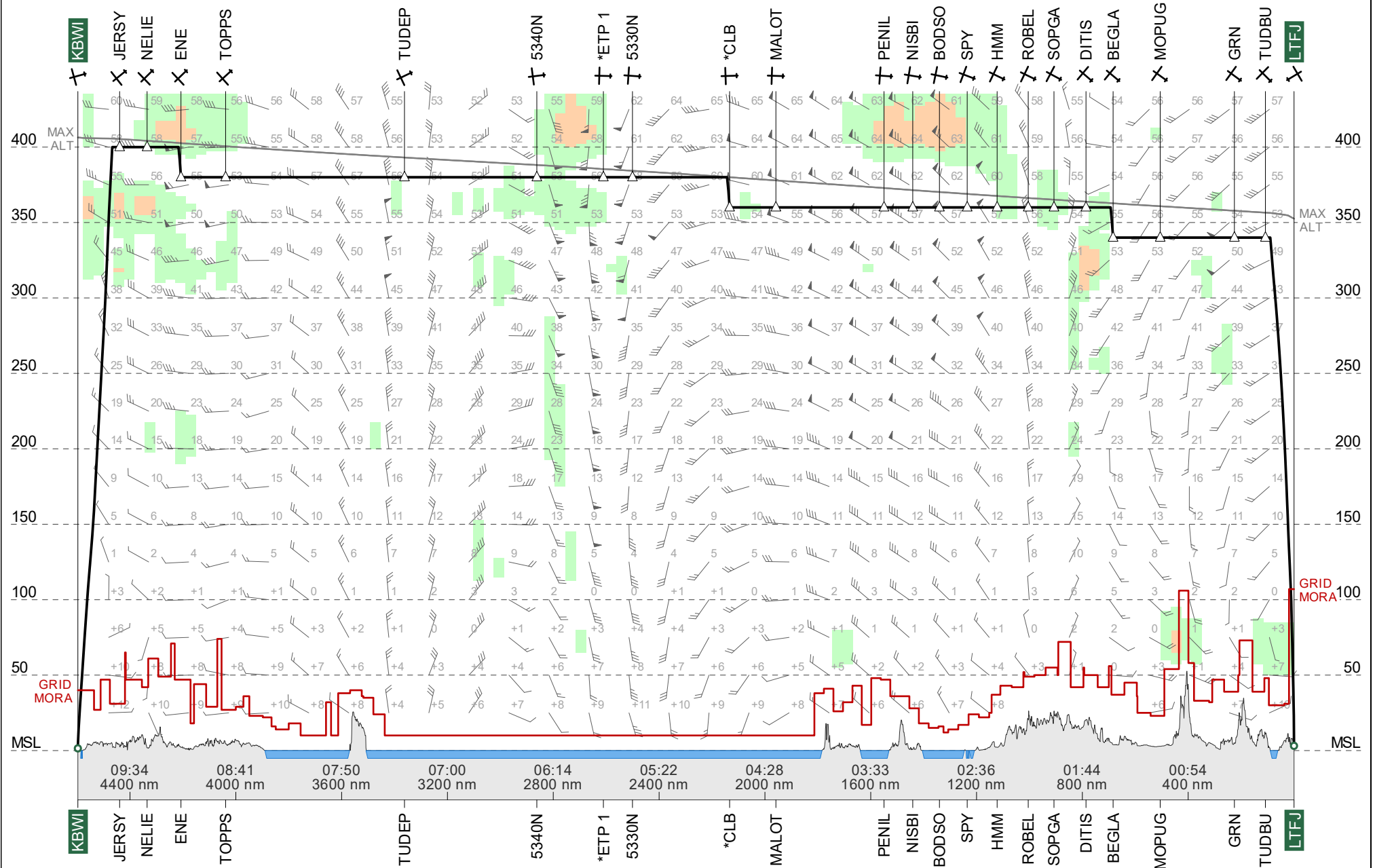
9.SEND RCL 90 MINUTES PRIOR TO OCEAN ENTRY POINT.-

END OF PART TWO OF TWO PARTS)

TR316A #1

KBWI ← — LTFJ

ETD 10 Oct 18:10z
PJTGC B77L



Route Chart

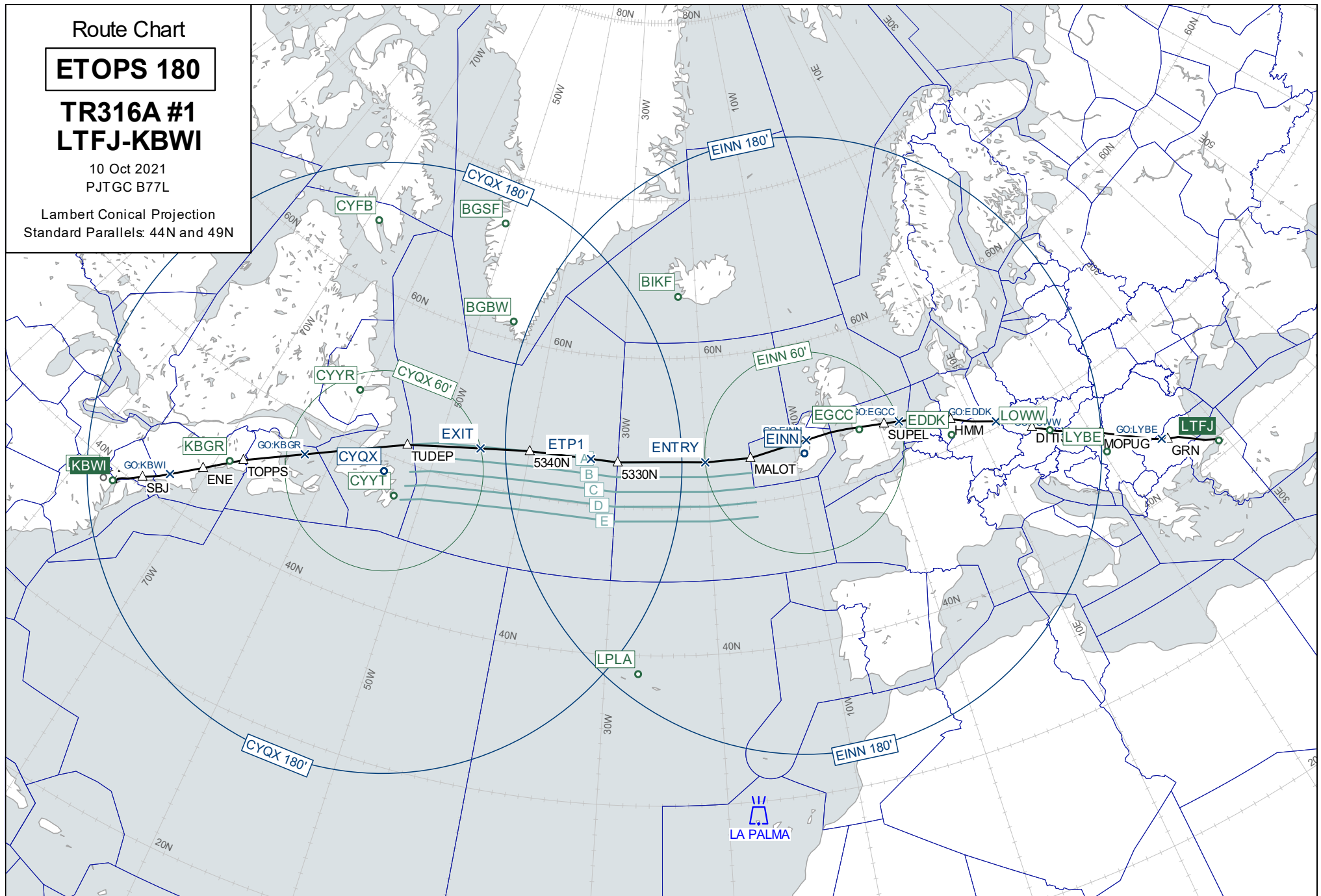
ETOPS 180

TR316A #1
LTFJ-KBWI

10 Oct 2021

PJTGC B77L

Lambert Conical Projection
Standard Parallels: 44N and 49N



Wind Chart

FL380

TR316A #1
LTFJ-KBWI

Observed 10 Oct 2021 06:00 UTC

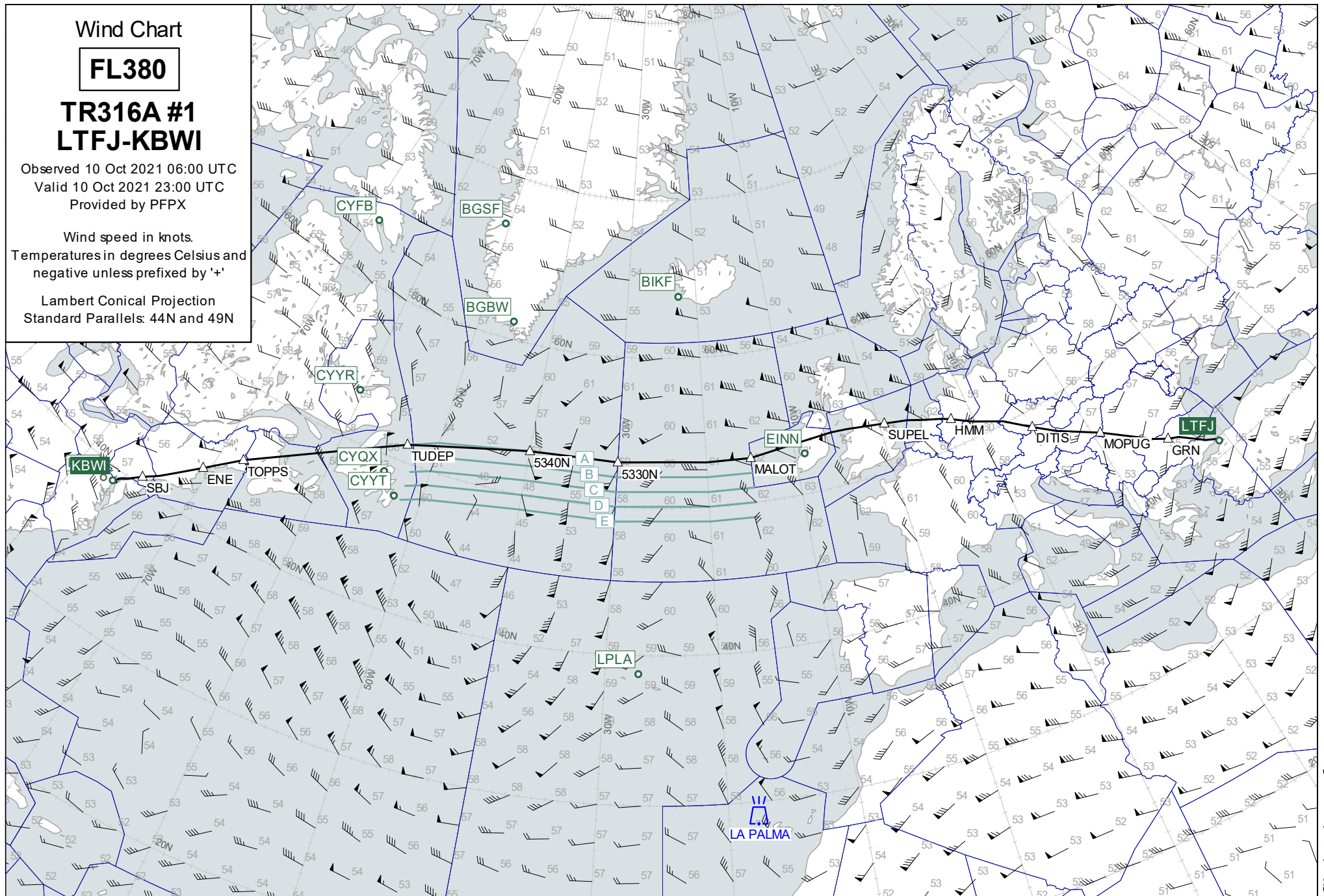
Valid 10 Oct 2021 23:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 44N and 49N



Wind Chart

FL340

TR316A #1
LTFJ-KBWI

Observed 10 Oct 2021 06:00 UTC

Valid 10 Oct 2021 23:00 UTC

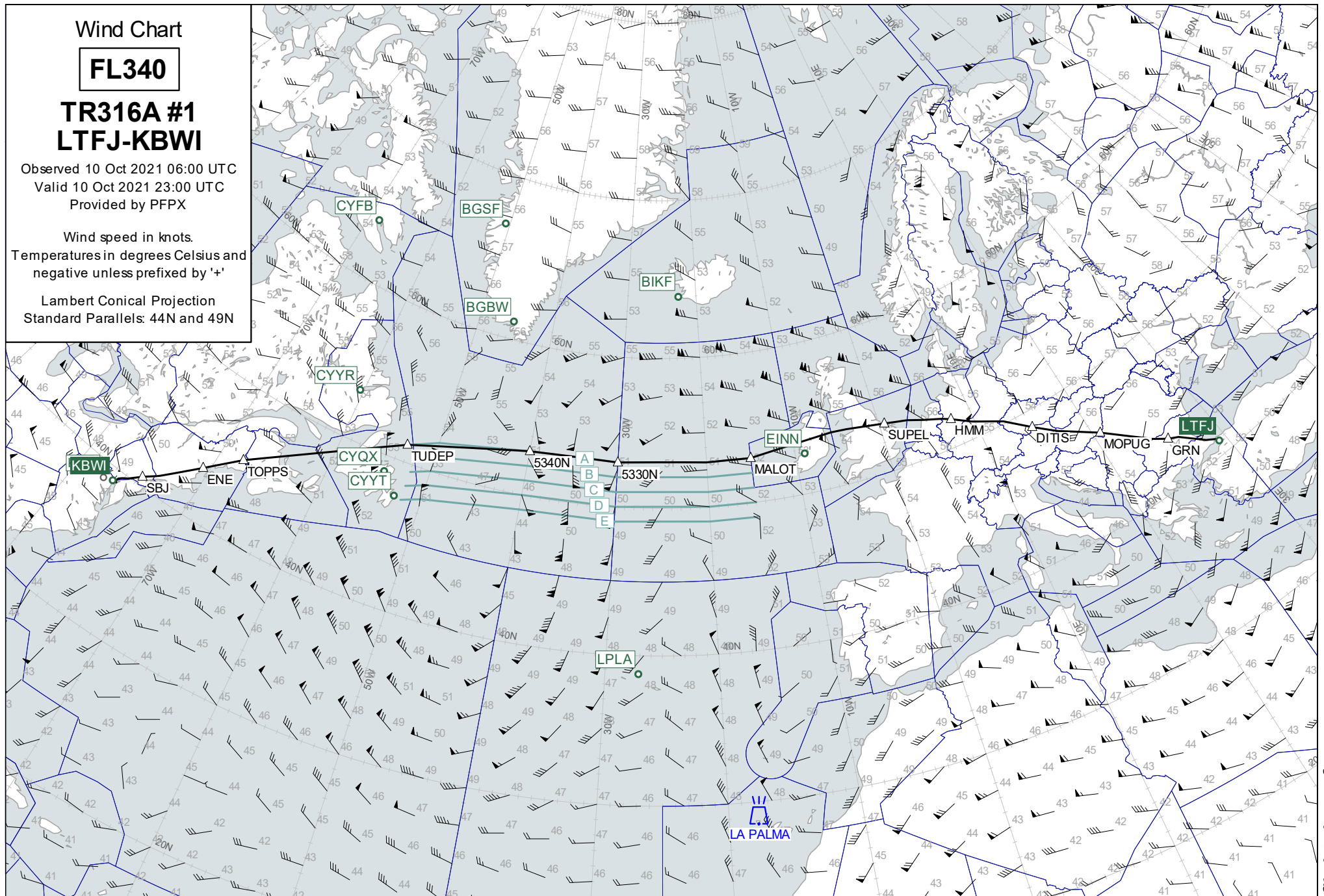
Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection

Standard Parallels: 44N and 49N



Wind Chart

FL420

TR316A #1
LTFJ-KBWI

Observed 10 Oct 2021 06:00 UTC

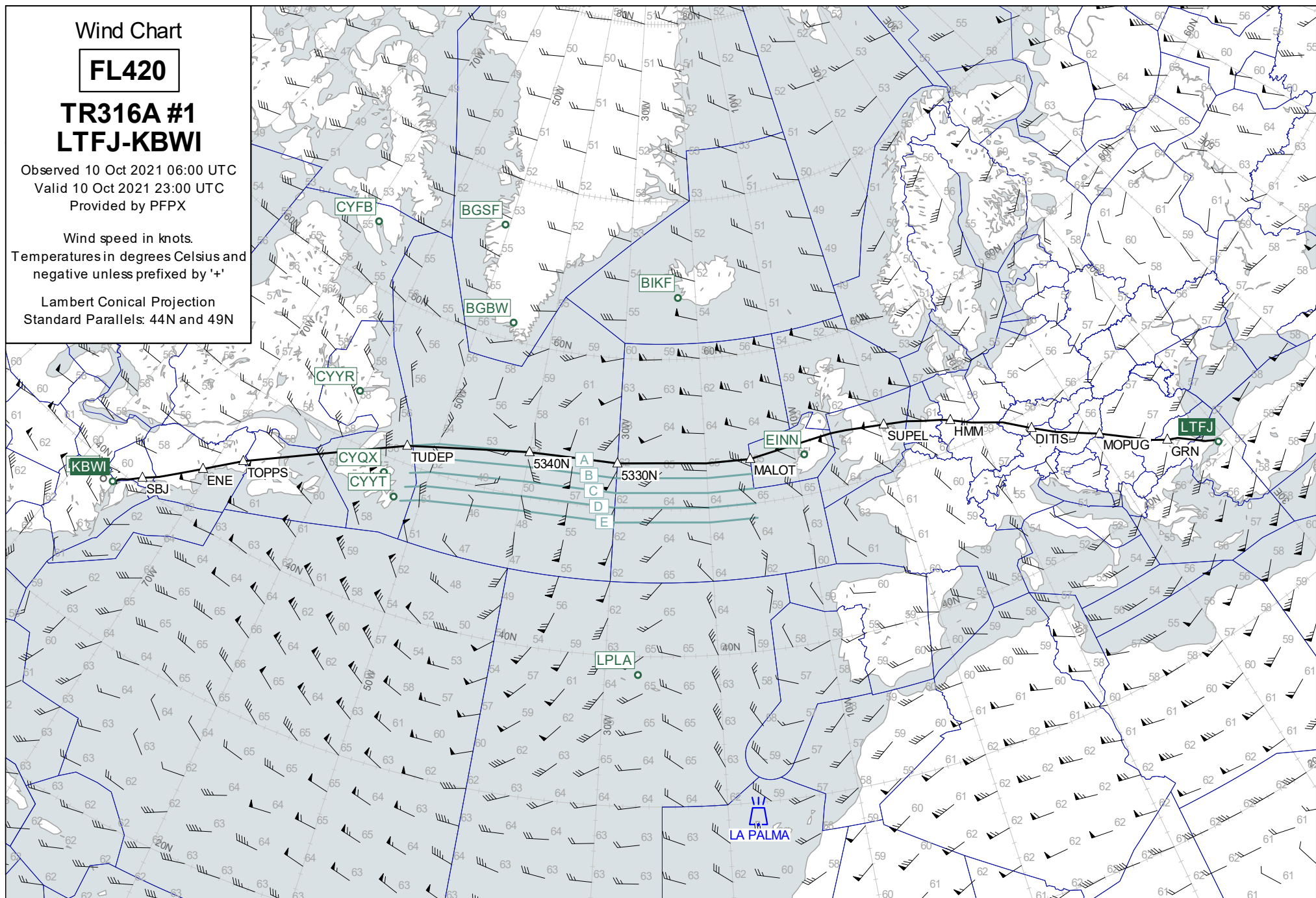
Valid 10 Oct 2021 23:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 44N and 49N



Destination Area

FL150

TR316A #1
LTFJ-KBWI

Observed 10 Oct 2021 06:00 UTC

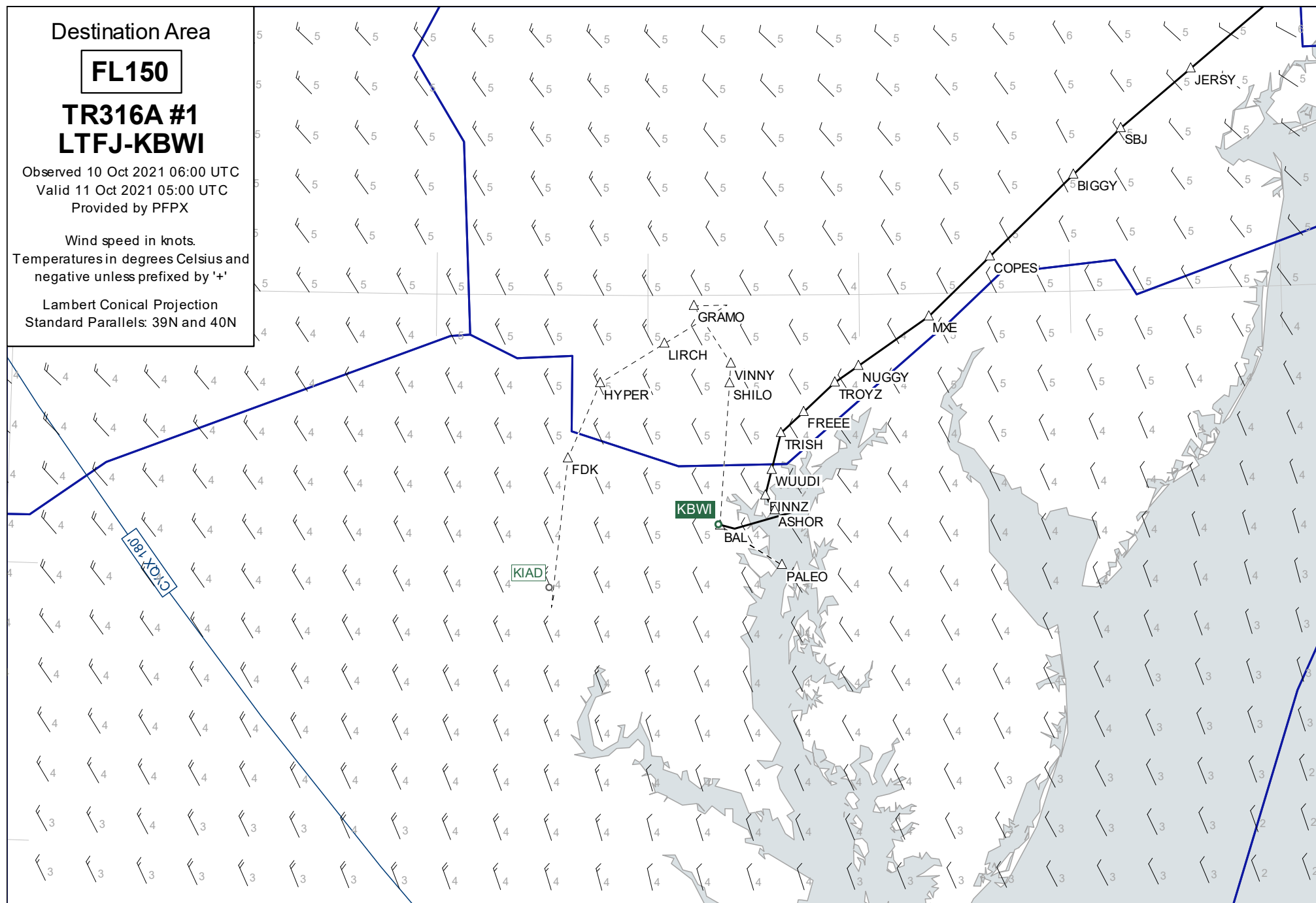
Valid 11 Oct 2021 05:00 UTC

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

TR316A #1 LTFJ-KBWI

10 Oct 2021

PJTGC B77L

Lambert Conical Projection
Standard Parallels: 50N and 52N

