



Tradewind VA



Flight Briefing Package

TCC321C OMAA-KBOS

01-Dec-2019 #1

RELEASE #1

ABU DHABI INTL
(UNITED ARAB EMIRATES)

-

LOGAN INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

01 DEC 1628 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		103.532	14:00
CONT 5%		5.177	00:51
HOLD	KBOS	2.033	00:20
ALTN	KJFK	4.177	00:42
FINAL RESV		3.050	00:30
ADD FUEL		2.004	00:20
MIN T/O		119.973	16:42
EXTRA		1.525	00:15
TAXI		1.144	00:22
RELEASE	OMAA	122.642	17:19
ARR FUEL	KBOS	17.342	02:46

Load Planning (kg)	PJTGE	Plan	Limit
Empty Weight		156.146	
Payload	264+0 Pax	24.816	
Zero Fuel Weight		180.962	209.106
Fuel		122.642	162.613
Ramp Weight		303.604	348.359
Take-Off Weight OMAA		302.460	360.000
Landing Weight KBOS	Limit	198.928	223.167
Underload		24.239	Lim LDW

Cost Planning		
Flight Time	14:00\$	77.599
Fuel	105.300\$	76.463
Total	\$	154.062
Per Pax	\$	584
Per 5.000 kg Payload	\$	31.041

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC321C PJTGE OMAA-KBOS

ALL WEIGHTS IN KILOGRAMS (KG) STD 01DEC/2020Z

OPF 1 - PREPARED 01DEC/1628Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR321C/TCC321C PJTGE/B777-2LR GE SEL/EGAP ROUTE: OMAAKBOS01

DEP: OMAA/AUH 31L ELEV 83 FT COST INDEX: 250 TTL G/C DIST: 5802 NM
ARR: KBOS/BOS 27 ELEV 19 FT INIT ALT: FL220 TTL F/P DIST: 6024 NM
FUEL BIAS: 100.5% TTL AIR DIST: 6700 NM
AVG WIND CMP: HD048 KT

ALT: KJFK/JFK 04R ELEV 13 FT 177 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	264	0	24816	24239 LDW	MAX	209106	360000
						PLN	180962	302460
						ACT	.....	.....

** TAKE-OFF DATA OMAA 31L **

COND: 302460 KG // RWY DRY // +24°C Q1016 330/10 // LMT: CLIMB
CONFIG: FLAPS 5 // D-TO +50C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=167 VR=171 V2=174
ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	103532	.....	14:00	
CONT 5%	5177	.....	00:51	
ALTN KJFK	4177	.....	00:42	
FINAL RESV	3050	.....	00:30	
HOLD	2033	.....	00:20	
ADD FUEL	2004	.....	00:20	
MIN T/O	119973	.....	16:42	.....
EXTRA	1525	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1144	.....	00:22	
RELEASE	122642	.....	17:19	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	17342	.....	02:46	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 25764 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1325 KG / 5000 KG TOW DECR: -1428 KG
2000 FT LOWER: +1231 KG / EET 13:50 CLB: 250/310/84 DES: 84/320/250

	STD	ETA	ACT	EST	ACT
OMAA	20:20Z/00:20L	20:20Z	OFBL	T/O 20:42Z	T/O
KBOS	10:50Z/05:50L	10:54Z	ONBL	LDG 10:42Z	LDG
	SKD 14:30	PLN 14:34	TTL BLCK	EST FLT 14:00	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

	ETOPS ENTRY (BIKF)	ETOPS EXIT (CYR)	ETOPS ENTRY (BIKF)	ETOPS EXIT (CYR)
	179 NM BEFORE 5940N	249 NM BEFORE HOIST	N60 12.0 W034 37.2	N56 54.1 W050 24.3
	EET 10:04	EET 11:19		

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

BIKF (07:32-09:26)
CYR (08:58-09:26)

ONE ENGINE OUT DECOMP ETP 1 FOR BIKF/CYYR N58 07.7 W044 59.2 EET 10:54
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 175 NM BEFORE 5750N
 PLN FUEL OVER ETP 35640 ETP FUEL REQ 15427 DIV TIME 01:50
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 735 NM WC TL037 TT 052
 ETP TO CYYR (N53 19.2 W060 25.6) DIST 595 NM WC HD030 TT 248

ALL ENGINE DECOMP ETP 1 FOR BIKF/CYYR N58 07.7 W044 59.2 EET 10:54
 84/320/250 DESC TO FL100 CRUISE AT AE320 175 NM BEFORE 5750N
 PLN FUEL OVER ETP 35640 ETP FUEL REQ 14710 DIV TIME 01:50
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 735 NM WC TL037 TT 052
 ETP TO CYYR (N53 19.2 W060 25.6) DIST 595 NM WC HD030 TT 248

ONE ENGINE OUT ETP 1 FOR BIKF/CYYR N58 03.1 W045 22.1 EET 10:56
 1E084/320 DESC TO FL290 CRUISE AT 1E0320 162 NM BEFORE 5750N
 PLN FUEL OVER ETP 35453 ETP FUEL REQ 14723 DIV TIME 01:26
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 747 NM WC TL057 TT 052
 ETP TO CYYR (N53 19.2 W060 25.6) DIST 582 NM WC HD058 TT 247

ATC ROUTE: N0462F220 BOSE1K BOSEV N563 ALPOB UL768 OBMON UL934 TOKMA UL602
 RALKA G795 TASMI L602 ALPET/N0493F320 UM860 ODALI UL852 NEGEM T746
 ARGES L619 KARIL DCT KEKED/N0484F340 DCT KELEL P193 VAGON/N0482F360
 T710 SUBIX DCT BERIM DCT ATTUS DCT DOREV DCT VAXIT UP60 FORTY UM86
 SOXON DCT ORTAV/M085F360 DCT 62N020W 61N030W/N0482F380 59N040W
 57N050W DCT HOIST N596A TAFFY DCT PQI J49 BGR DCT AJJAY OOSHNS

ALTERNATE PLANNING

 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KJFK/04R 177 8000 061 TL005 00:42 4177 - BOSOX V1 DPK

MOST CRITICAL MORA 16000 FT AT NINVA

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WND/SPD	FREQ GS	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO /	ACC ATO
	OMAA/31L ABU DHABI INTL		83	021				121.5 / 1.1			
							6024	N2425.3 E05440.0	/.....		
BOSE1K	AA820	306	*CLB	021			10	119.8 / 2.8	04 00.04		
				P10 211/003			6014	N2431.5 E05431.4	/.....		
BOSE1K	OBTOL	306	*CLB	021			8	119.3 / 3.4	01 00.05		
				P12 225/009			6006	N2436.4 E05424.4	/.....		
BOSE1K	PUXUT	306	*CLB	021			3	119.1 / 3.5	01 00.06		
				P12 230/011			6003	N2438.2 E05421.8	/.....		
BOSE1K	BOSEV	306	*CLB	021			20	118.1 / 4.6	03 00.09		
				P12 241/025			5983	N2450.2 E05404.8	/.....		
N563	*TOC	300	FL220	021		462	11	117.6 / 5.0	02 00.11		
				P11 250/034	439	5972		N2456.0 E05354.6	/.....		
N563	ITKEV	299	FL220	019		462	10	117.4 / 5.2	01 00.12		
				P11 249/035	439	5963		N2501.1 E05345.4	/.....		
N563	KUSBA	314	FL220	015		462	22	117.0 / 5.6	03 00.15		
				P11 248/035	447	5941		N2516.6 E05328.8	/.....		

N563	TAGDU	313	FL220	015	462	9	116.8 / 5.8	01	00.16
			P11	248/035	447	5932	N2523.0 E05321.9	/.....	
N563	IMGUX	313	FL220	015	462	10	116.7 / 6.0	01	00.17
			P10	247/036	447	5922	N2529.8 E05314.5	/.....	
N563 -OB BB	ALPOB	313	FL220	015	461	17	116.3 / 6.3	03	00.20
			P10	246/036	447	5905	N2542.3 E05300.9	/.....	
UL768	ROTAG	295	FL220	016	461	25	115.8 / 6.8	03	00.23
			P10	245/038	437	5880	N2553.9 E05236.4	/.....	
UL768	ITMUB	294	FL220	016	461	12	115.6 / 7.0	02	00.25
			P10	245/038	436	5868	N2559.3 E05224.0	/.....	
UL768	MODOG	294	FL220	016	461	25	115.1 / 7.5	03	00.28
			P10	245/039	435	5843	N2610.2 E05159.6	/.....	
UL768	RAMKI	294	FL220	015	461	3	115.1 / 7.6	01	00.29
			P10	246/039	435	5840	N2611.6 E05156.4	/.....	
UL768	RABLA	294	FL220	015	461	8	114.9 / 7.7	01	00.30
			P10	246/039	434	5832	N2615.1 E05148.6	/.....	
UL768	SOLOB	294	FL220	015	461	17	114.6 / 8.1	02	00.32
			P10	246/039	434	5815	N2622.7 E05131.5	/.....	
UL768	ALREP	287	FL220	015	461	9	114.4 / 8.2	01	00.33
			P09	246/039	431	5806	N2625.7 E05122.2	/.....	
UL768	ORDIG	287	FL220	015	460	6	114.3 / 8.4	01	00.34
			P09	246/039	431	5800	N2627.6 E05116.1	/.....	
UL768	MEDMA	287	FL220	025	460	20	113.9 / 8.8	03	00.37
			P09	246/039	431	5780	N2634.4 E05054.9	/.....	
	OKBK	286	FL220	025		2	113.8 / 8.8	00	00.37
			P07	253/038		5778	N2635.2 E05052.2	/.....	
UL768	OBMON	286	FL220	025	460	10	113.6 / 9.0	02	00.39
			P09	246/039	430	5767	N2638.5 E05041.4	/.....	
UL934	OVUPI	317	FL220	025	460	19	113.3 / 9.4	02	00.41
			P09	245/040	447	5748	N2653.3 E05027.5	/.....	
UL934	TOKMA	317	FL220	025	460	21	112.9 / 9.8	03	00.44
			P08	245/039	447	5726	N2709.7 E05012.0	/.....	
UL602	ORSOL	321	FL220	015	459	15	112.6 / 10.1	02	00.46
			P08	244/039	450	5712	N2721.6 E05002.1	/.....	
UL602	ITNAS	319	FL220	019	459	32	112.0 / 10.7	04	00.50
			P08	244/039	449	5680	N2746.7 E04940.0	/.....	
UL602	ENAVI	319	FL220	019	459	12	111.8 / 10.9	02	00.52
			P07	244/038	449	5668	N2755.9 E04931.9	/.....	
UL602	DAMUR	318	FL220	019	458	7	111.6 / 11.0	01	00.53
			P07	244/038	448	5661	N2801.6 E04926.6	/.....	
UL602 -OKAC	DAVUS	318	FL220	014	458	28	111.1 / 11.6	04	00.57
			P07	245/037	447	5632	N2823.8 E04906.4	/.....	
UL602	BOXIK	323	FL220	021	457	30	110.5 / 12.1	04	01.01

				P06 245/036 450 5603	N2848.2 E04847.6	/.....	
UL602	RALKA	323	FL220 022	457 46	109.7 / 13.0	06 01.07	
			P06 246/033 450 5557	N2926.2 E04818.3	/.....		
G795 -ORBB	TASMI	327	FL220 027	457 41	108.9 / 13.7	05 01.12	
			P05 247/029 452 5516	N3001.3 E04755.1	/.....		
L602	GADSI	307	FL220 027	456 50	108.0 / 14.7	07 01.19	
			P05 251/027 441 5466	N3034.0 E04711.3	/.....		
L602	ALPET	307	*CLB 027	59	106.8 / 15.8	08 01.27	
			P04 249/029	5407	N3112.3 E04618.7	/.....	
	ORBI	323	FL320 024	63	105.0 / 17.6	08 01.35	
			P00 264/040	5344	N3204.8 E04538.2	/.....	
UM860	RESAK	322	FL320 019	493 34	104.4 / 18.2	05 01.40	
			P00 243/045 485 5310	N3233.1 E04515.9	/.....		
	ORER	322	FL320 019	30	103.9 / 18.7	03 01.43	
			P00 260/040	5280	N3258.3 E04455.8	/.....	
UM860	SEPTU	321	FL320 024	493 18	103.6 / 19.0	02 01.45	
			P00 237/045 488 5262	N3313.0 E04444.0	/.....		
UM860	NAMDI	354	FL320 036	491 78	102.4 / 20.3	10 01.55	
			M01 232/041 514 5184	N3430.5 E04441.6	/.....		
UM860	TOTAM	354	FL320 071	491 46	101.6 / 21.0	05 02.00	
			M02 227/040 515 5138	N3516.0 E04440.1	/.....		
UM860	DARIX	333	FL320 143	490 98	100.1 / 22.6	12 02.12	
			M02 226/047 506 5040	N3646.7 E04353.9	/.....		
UM860 -LTAA	NINVA	311	FL320 160	490 47	99.3 / 23.4	05 02.17	
			M03 231/049 486 4993	N3721.0 E04313.0	/.....		
UM860	SRT SIIRT	293	FL320 160	114.30 491 72	98.0 / 24.6	10 02.27	
			M03 235/052 466 4921	N3754.6 E04152.9	/.....		
	LTCG	306	FL320 122	41	97.3 / 25.3	05 02.32	
			M04 267/031	4880	N3821.9 E04113.5	/.....	
UM860	RENGI	305	FL320 122	490 9	97.2 / 25.5	01 02.33	
			M04 238/051 472 4870	N3827.8 E04104.8	/.....		
UM860	NAREN	304	FL320 122	490 16	96.9 / 25.7	02 02.35	
			M04 239/050 471 4855	N3837.8 E04049.5	/.....		
UM860	TALIL	304	FL320 141	489 52	96.0 / 26.6	07 02.42	
			M04 242/043 471 4803	N3911.3 E03958.3	/.....		
UM860	KONUK	304	FL320 141	489 30	95.5 / 27.2	03 02.45	
			M05 246/040 470 4772	N3930.7 E03928.1	/.....		
UM860	EBEDI	303	FL320 141	489 20	95.1 / 27.5	03 02.48	
			M05 250/038 469 4752	N3943.5 E03907.4	/.....		
UM860	ODALI	303	FL320 141	489 58	94.1 / 28.5	08 02.56	
			M05 263/036 464 4694	N4019.7 E03809.0	/.....		
UL852	NELPO	285	FL320 127	490 23	93.7 / 28.9	03 02.59	
			M05 271/036 458 4671	N4028.2 E03740.6	/.....		

UL852	APVAS	285	FL320	117		491	49	92.9 / 29.8	06	03.05
			M04	288/040		453	4622	N4045.9 E03640.1	/.....	
UL852	USANU	284	FL320	112		491	29	92.3 / 30.3	04	03.09
			M04	296/044		448	4592	N4056.1 E03603.8	/.....	
UL852	ODPOT	284	FL320	112		491	10	92.2 / 30.5	01	03.10
			M04	298/044		448	4583	N4059.4 E03552.0	/.....	
UL852	RUXEV	284	FL320	096		492	48	91.3 / 31.4	07	03.17
			M04	306/047		446	4534	N4115.8 E03451.7	/.....	
UL852	EKSUK	283	FL320	094		492	25	90.8 / 31.8	03	03.20
			M04	308/049		444	4509	N4124.2 E03420.2	/.....	
UL852	UPKAG	283	FL320	094		492	10	90.7 / 32.0	01	03.21
			M04	309/050		445	4500	N4127.3 E03408.1	/.....	
	LTBA	283	FL320	109			18	90.3 / 32.3	03	03.24
			M05	306/060			4482	N4133.0 E03346.0	/.....	
UL852	VAXEB	283	FL320	109		492	9	90.2 / 32.5	01	03.25
			M05	311/052		443	4473	N4135.8 E03334.7	/.....	
UL852	ESOSU	283	FL320	109		492	2	90.1 / 32.5	00	03.25
			M04	311/052		443	4471	N4136.4 E03332.3	/.....	
UL852	TIVUG	282	FL320	109		492	24	89.7 / 32.9	04	03.29
			M05	312/053		443	4447	N4144.0 E03301.9	/.....	
UL852	EVPUV	282	FL320	109		492	13	89.5 / 33.2	01	03.30
			M04	313/055		442	4434	N4148.0 E03245.6	/.....	
UL852	DEVMU	282	FL320	089		492	14	89.2 / 33.4	02	03.32
			M04	314/056		442	4420	N4152.4 E03227.7	/.....	
UL852	EVPIM	282	FL320	089		492	4	89.1 / 33.5	01	03.33
			M04	315/057		441	4416	N4153.7 E03222.0	/.....	
UL852	BEDOP	282	FL320	089		492	6	89.0 / 33.6	01	03.34
			M04	315/058		440	4410	N4155.6 E03214.0	/.....	
UL852	MODAU	282	FL320	089		492	16	88.7 / 33.9	02	03.36
			M04	316/060		440	4393	N4200.6 E03153.2	/.....	
UL852	ODMAX	281	FL320	010		492	23	88.3 / 34.3	03	03.39
			M04	315/062		439	4371	N4207.3 E03124.2	/.....	
UL852	*BDRY	281	FL320	010		492	19	88.0 / 34.7	03	03.42
-LTBB			M04	315/063		437	4352	N4212.8 E03100.0	/.....	
UL852	NEGEM	281	FL320	010		492	52	87.0 / 35.6	07	03.49
-LBSR			M05	314/065		434	4300	N4227.7 E02952.2	/.....	
T746	MATEL	301	FL320	025		493	60	85.9 / 36.8	08	03.57
			M05	313/070		423	4240	N4303.6 E02847.5	/.....	
T746	ARGES	300	FL320	031		493	105	83.9 / 38.8	15	04.12
-LRBB			M05	306/076		416	4135	N4404.9 E02649.6	/.....	
	LROP	316	FL320	026			8	83.7 / 38.9	01	04.13
			M06	287/078			4127	N4410.9 E02643.1	/.....	

L619	ASNEL	316	FL320	026	493	27	83.2 / 39.5	04	04.17
			M06	303/076	419	4100	N4432.2 E02619.8	/.....	
L619	BUKEL	316	FL320	106	492	41	82.4 / 40.2	06	04.23
			M06	300/076	420	4058	N4504.7 E02543.6	/.....	
L619	PELUR	316	FL320	106	492	16	82.1 / 40.5	02	04.25
			M06	298/076	420	4042	N4517.2 E02529.3	/.....	
L619	EDETA	315	FL320	107	492	37	81.4 / 41.3	06	04.31
			M06	295/077	421	4005	N4546.1 E02455.9	/.....	
L619	MOBRA	315	FL320	107	492	7	81.2 / 41.4	01	04.32
			M06	294/077	422	3998	N4551.9 E02449.2	/.....	
L619	REBLA	315	FL320	107	492	70	79.9 / 42.7	10	04.42
			M06	288/078	423	3928	N4645.6 E02344.7	/.....	
L619	LARMU	314	FL320	084	491	39	79.2 / 43.4	05	04.47
			M07	285/077	424	3889	N4715.0 E02308.2	/.....	
	LHBP	314	FL320	072		5	79.1 / 43.5	01	04.48
			M07	279/079		3885	N4718.5 E02303.8	/.....	
L619 -LHCC	KARIL	314	FL320	072	491	39	78.4 / 44.2	05	04.53
			M07	282/075	426	3846	N4747.6 E02226.5	/.....	
DCT -LZBB	KEKED	308	*CLB	072		64	77.2 / 45.4	09	05.02
			M08	277/072		3782	N4831.4 E02117.5	/.....	
	EPWA	312	FL340	111		44	76.3 / 46.3	06	05.08
			M08	283/061		3739	N4903.6 E02032.4	/.....	
DCT -EPWW	KELEL	312	FL340	111	484	21	76.0 / 46.7	03	05.11
			M08	272/076	425	3717	N4918.8 E02010.5	/.....	
P193	ELGOX	311	FL340	111	485	104	74.1 / 48.5	15	05.26
			M07	267/065	439	3613	N5033.9 E01818.1	/.....	
P193	VAGON	310	*CLB	075		63	73.1 / 49.6	09	05.35
			M05	273/052		3550	N5118.5 E01706.9	/.....	
T710	VELAB	301	FL360	029	483	17	72.7 / 50.0	02	05.37
			M02	279/048	438	3533	N5128.2 E01644.9	/.....	
T710	KULUV	300	FL360	029	483	19	72.4 / 50.3	02	05.39
			M02	284/046	439	3514	N5138.9 E01620.4	/.....	
T710	OLUMA	300	FL360	030	484	26	71.9 / 50.7	04	05.43
			M01	293/043	441	3488	N5153.8 E01545.4	/.....	
	ETNL	300	FL360	030		5	71.9 / 50.8	01	05.44
			M02	358/062		3483	N5156.5 E01538.9	/.....	
T710	SUBIX	300	FL360	030	483	47	71.1 / 51.6	06	05.50
			M02	311/043	440	3436	N5222.8 E01435.1	/.....	
DCT -EDUU	*BDRY	303	FL360	020	483	2	71.0 / 51.6	00	05.50
			M02	310/043	440	3433	N5224.2 E01432.1	/.....	
DCT	BERIM	303	FL360	025	482	136	68.8 / 53.9	19	06.09
			M03	337/058	434	3297	N5343.6 E01128.1	/.....	
DCT	*BDRY	304	FL360	025	483	11	68.6 / 54.1	02	06.11

-EDVV				M03 337/060 433 3286	N5350.2 E01113.6	/.....
DCT	ATTUS	304	FL360 025	483 107	66.8 / 55.9	15 06.26
-EKDK			M03 347/082 421 3179	N5454.0 E00847.0	/.....	
DCT	DOREV	311	FL360 022	484 56	65.8 / 56.9	08 06.34
			M03 348/095 406 3123	N5532.0 E00735.0	/.....	
DCT	VAXIT	304	FL360 010	485 106	63.9 / 58.8	16 06.50
-EGPX			M04 347/116 394 3018	N5632.3 E00500.0	/.....	
	EGPF	301	FL360 010	37	63.2 / 59.4	05 06.55
			M04 345/085 2981	N5651.8 E00403.4	/.....	
UP60	ARTEX	301	FL360 014	484 4	63.1 / 59.5	01 06.56
			M04 346/117 393 2977	N5653.7 E00357.6	/.....	
UP60	LAMRO	301	FL360 014	484 16	62.8 / 59.8	02 06.58
			M04 345/119 393 2962	N5701.9 E00333.2	/.....	
UP60	FORTY	301	FL360 015	485 110	60.8 / 61.8	17 07.15
			M04 338/121 386 2851	N5757.0 E00035.8	/.....	
UM86	SOXON	296	FL360 036	485 153	58.0 / 64.7	24 07.39
			M04 322/110 387 2698	N5858.1 W00352.4	/.....	

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

DCT	ORTAV	285	FL360 045	486 191	54.6 / 68.1	29 08.08
-EGGX			M03 301/090 401 2507	N5930.0 W01000.0	/.....	
	BIKF	307	FL360 010	116	52.5 / 70.1	17 08.25
			M03 253/074 2391	N6027.9 W01320.9	/.....	
DCT	*BDRY	306	FL360 010	486 69	51.3 / 71.3	11 08.36
-BIRD			M03 277/088 401 2322	N6100.1 W01526.6	/.....	
DCT	6220N	305	FL360 010	486 144	48.9 / 73.8	21 08.57
	62N020W		M03 256/089 411 2178	N6200.0 W02000.0	/.....	
DCT	6130N	274	*CLB 010	293	43.8 / 78.9	44 09.41
-CZQX	61N030W		M04 223/100 1885	N6100.0 W03000.0	/.....	

----- ETOPS ENTRY (BIKF) 0179 NM BEFORE 5940N EET 10:04 -----

DCT	5940N	266	FL380 010	485 323	38.1 / 84.6	50 10.31
	59N040W		M04 194/103 411 1562	N5900.0 W04000.0	/.....	
	*ETP 1	273	FL380 010	488 165	35.6 / 87.0	23 10.54
	BIKF/CYYR		P02 198/058 447 1397	N5807.7 W04459.2	/.....	
DCT	5750N	270	FL380 010	491 175	33.2 / 89.5	23 11.17
	57N050W		P05 211/035 461 1222	N5700.0 W05000.0	/.....	

----- ETOPS EXIT (CYYR) 0249 NM BEFORE HOIST EET 11:19 -----

DCT	HOIST	267	FL380 010	495 263	29.6 / 93.1	34 11.51
-----	-------	-----	-----------	---------	-------------	----------

				P07 277/033 469 959	N5502.0 W05700.0	/.....		
N596A	*BDRY	246	FL380	053	492 319	25.4 / 97.2	40	12.31
-CZUL				P05 295/039 480 640	N5104.8 W06253.7	/.....		
	KBGR	239	FL380	055	152	23.5 / 99.2	19	12.50
				M02 244/011	488 N4905.7 W06521.8	/.....		
N596A	*BDRY	236	FL380	056	491 91	22.3 / 100.4	12	13.02
-CZQM				P02 287/033 479 396	N4752.9 W06644.8	/.....		
N596A	TAFFY	234	FL380	046	490 39	21.8 / 100.8	04	13.06
				P02 281/033 475 358	N4722.4 W06718.2	/.....		
DCT	*BDRY	239	FL380	046	490 30	21.4 / 101.2	04	13.10
-KZBW				P01 278/033 472 328	N4700.2 W06747.7	/.....		
DCT	PQI	239	FL380	070 116.40	490 19	21.2 / 101.5	03	13.13
	PRESQUE ISLE			P01 276/032 471 309	N4646.5 W06805.7	/.....		
J49	BGR	213	FL380	074 114.80	488 121	19.6 / 103.0	15	13.28
	BANGOR			M01 245/029 470 189	N4450.5 W06852.4	/.....		
DCT	*TOD	221	FL380	044	490 69	18.7 / 103.9	09	13.37
				P01 236/030 463 120	N4348.2 W06933.2	/.....		
DCT	AJJAY	220	*DES	018	5	18.7 / 103.9	00	13.37
				P01 231/037	115 N4343.7 W06936.1	/.....		
	KBOS	214	*DES	018	21	18.7 / 104.0	03	13.40
				M03 167/033	94 N4323.6 W06945.2	/.....		
OOSHN5	SUFFI	213	*DES	018	23	18.6 / 104.0	03	13.43
				P01 228/033	70 N4301.5 W06955.0	/.....		
OOSHN5	NIKKO	213	*DES	021	17	18.5 / 104.1	03	13.46
				M01 226/018	53 N4245.6 W07002.0	/.....		
OOSHN5	EURRO	215	*DES	021	7	18.5 / 104.1	01	13.47
				M01 225/011	46 N4239.1 W07005.3	/.....		
OOSHN5	OOSHN	260	*DES	021	7	18.4 / 104.2	01	13.48
				M02 227/004	39 N4236.1 W07013.9	/.....		
OOSHN5	PUDJJ	217	*DES	021	8	18.4 / 104.2	02	13.50
				M05 132/006	32 N4228.8 W07017.8	/.....		
OOSHN5	AYBEE	272	*DES	021	11	18.3 / 104.3	02	13.52
				M11 109/019	21 N4226.4 W07031.7	/.....		
OOSHN5	KBOS/27	272	19	021	21	18.0 / 104.7	08	14.00
	LOGAN INTL					N4221.6 W07059.3	/.....	

WIND INFORMATION - OBS 01/DEC 06:00

(CLIMB)			IMGUX			SOLOB			ITNAS		
FL210	250/031	-15	FL260	260/054	-26	FL260	255/057	-28	FL260	251/053	-30
FL170	240/020	-6	FL240	252/042	-22	FL240	250/047	-23	FL240	246/045	-25
13000	233/013	+1	FL220	248/036	-18	FL220	246/040	-19	FL220	245/039	-21
8000	224/004	+9	FL200	244/031	-13	FL200	243/034	-15	FL200	244/033	-17
4000	350/002	+14	FL180	239/026	-9	FL180	239/027	-10	FL180	243/027	-12
RALKA			RESAK			NAMDI			DARIX		
FL260	248/042	-32	FL360	251/053	-53	FL360	244/049	-55	FL360	237/051	-57
FL240	247/037	-27	FL340	248/050	-52	FL340	236/043	-53	FL340	231/049	-55
FL220	246/033	-23	FL320	244/046	-48	FL320	232/041	-49	FL320	227/048	-51
FL200	245/030	-18	FL300	239/042	-44	FL300	228/039	-45	FL300	223/047	-46
FL180	245/026	-14	FL280	239/040	-40	FL280	230/037	-41	FL280	226/045	-42
SRT			TALIL			ODALI			USANU		
FL360	243/053	-56	FL360	250/047	-56	FL360	269/041	-56	FL360	292/044	-55
FL340	237/053	-55	FL340	244/045	-56	FL340	266/040	-56	FL340	296/044	-55
FL320	235/052	-51	FL320	242/044	-53	FL320	263/036	-53	FL320	296/044	-53
FL300	234/052	-48	FL300	240/042	-50	FL300	259/032	-51	FL300	296/044	-50
FL280	236/048	-44	FL280	237/040	-45	FL280	256/030	-46	FL280	288/040	-46
VAXEB			ODMAX			MATEL			ARGES		
FL360	306/058	-57	FL360	310/064	-58	FL360	308/071	-59	FL360	304/078	-60
FL340	311/058	-56	FL340	314/066	-56	FL340	312/075	-57	FL340	306/082	-58
FL320	311/053	-53	FL320	316/062	-53	FL320	313/071	-53	FL320	307/076	-54
FL300	312/046	-50	FL300	317/059	-49	FL300	314/066	-49	FL300	308/070	-49
FL280	314/045	-46	FL280	318/054	-45	FL280	314/061	-45	FL280	308/065	-45
EDETA			LARMU			KELEL			ELGOX		
FL360	295/083	-61	FL360	286/084	-61	FL380	275/072	-61	FL380	274/059	-60
FL340	295/084	-59	FL340	286/086	-60	FL360	274/074	-61	FL360	271/062	-59
FL320	295/077	-54	FL320	286/078	-55	FL340	273/076	-61	FL340	267/065	-59
FL300	296/070	-50	FL300	285/068	-51	FL320	272/071	-57	FL320	266/065	-56
FL280	295/064	-45	FL280	285/062	-46	FL300	271/066	-53	FL300	265/064	-54
OLUMA			BERIM			ATTUS			VAXIT		
FL400	291/046	-59	FL400	332/055	-61	FL400	345/074	-62	FL400	346/105	-65
FL380	291/044	-58	FL380	336/058	-60	FL380	347/080	-61	FL380	347/114	-63
FL360	293/044	-58	FL360	338/059	-59	FL360	348/083	-59	FL360	347/117	-60
FL340	296/043	-57	FL340	340/060	-58	FL340	348/086	-57	FL340	347/119	-56
FL320	289/043	-54	FL320	340/060	-55	FL320	347/080	-54	FL320	347/111	-52
FORTY			SOXON			ORTAV			6220N		
FL400	337/120	-68	FL400	322/112	-69	FL400	300/093	-69	FL400	257/092	-69
FL380	338/125	-65	FL380	322/114	-65	FL380	301/092	-64	FL380	256/092	-65
FL360	339/121	-60	FL360	323/111	-60	FL360	302/090	-59	FL360	256/089	-60
FL340	339/117	-55	FL340	324/107	-54	FL340	303/088	-54	FL340	256/086	-54
FL320	339/108	-50	FL320	323/098	-50	FL320	302/084	-49	FL320	258/082	-49
5940N			5750N			HOIST			TAFFY		
FL420	200/074	-59	FL420	219/030	-52	FL420	276/030	-50	FL420	287/030	-54
FL400	197/089	-60	FL400	216/032	-52	FL400	277/032	-50	FL400	285/031	-55
FL380	194/103	-60	FL380	212/035	-52	FL380	278/033	-49	FL380	282/033	-55
FL360	190/115	-58	FL360	208/041	-54	FL360	277/034	-50	FL360	277/038	-54
FL340	187/129	-55	FL340	205/048	-55	FL340	276/034	-50	FL340	273/044	-53
BGR			(DESCENT)								
FL420	256/025	-56	FL370	275/078	-58						
FL400	251/027	-57	FL300	277/066	-46						
FL380	246/030	-57	FL220	274/049	-27						

FL360 243/035 -56 15000 276/032 -15
FL340 241/041 -55 7000 256/006 -7

END FLIGHTPLAN 03580 TCC321C PJTGE OMAA-KBOS 01DEC2019

[ATC FLIGHTPLAN]

(FPL-TCC321C-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-OMAA2020
-N0462F220 BOSE1K BOSEV N563 ALPOB UL768 OBMON UL934 TOKMA UL602
RALKA G795 TASMI L602 ALPET/N0493F320 UM860 ODALI UL852 NEGEM
T746 ARGES L619 KARIL DCT KEKED/N0484F340 DCT KELEL P193
VAGON/N0482F360 T710 SUBIX DCT BERIM DCT ATTUS DCT DOREV DCT
VAXIT UP60 FORTY UM86 SOXON DCT ORTAV/M085F360 DCT 62N020W
61N030W/N0482F380 59N040W 57N050W DCT HOIST N596A TAFFY DCT PQI
J49 BGR DCT AJJAY OOSHNS
-KBOS1400 KJFK
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/191201 REG/PJTGE
EET/OBBB0020 OKAC0057 ORBB0112 LTAA0217 LTBB0342 LBSR0349
LRBB0412 LHCC0453 LZBB0502 EPWW0512 EDUU0550 EDVV0611 EKDK0626
EGPX0650 EGGX0808 BIRD0836 62N020W0857 CZQX0941 59N040W1031
57N050W1117 CZUL1231 CZQM1302 KZBW1310
SEL/EGAP CODE/484DC7 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/C
RALT/CYYR BIKF
RMK/TCAS
-E/1657)

[PLANNING WEATHER]

ORIGIN: OMAA/AUH (ABU DHABI INTL, UNITED ARAB EMIRATES)

UTC +04:00

OMAA 011600Z 30007KT CAVOK 24/20 Q1016 NOSIG
OMAA 011100Z 0112/0218 33010KT 8000 SCT035
BECMG 0119/0121 09005KT
PROB30 0201/0204 4000 HZ
BECMG 0208/0210 34010KT

DESTINATION: KBOS/BOS (LOGAN INTL, UNITED STATES)

UTC -05:00

KBOS 011554Z 32007KT 10SM OVC019 M01/M08 A3002 RMK A02 SLP165 T10061083
KBOS 011420Z 0114/0218 34006KT P6SM OVC015
FM011600 04005KT P6SM OVC015
FM012200 10007KT 6SM -SN OVC025
FM012300 09012G17KT 1/2SM SN FG OVC010
FM020100 08013G23KT 3SM -SNPL BR OVC008
FM020200 07016G24KT 1SM PLSNRA BR OVC008
FM020900 05020G32KT 3SM -SNRA BR OVC008

ALTERNATE: KJFK/JFK (KENNEDY INTL, UNITED STATES)

UTC -05:00

KJFK 011551Z 04008KT 10SM -RAPL FEW030 OVC060 01/M06 A2997 RMK A02
RAB37PLB48 SLP148 P0000 T00061061 \$
KJFK 011439Z 0115/0218 07011KT P6SM -SNRA SCT020 BKN040 OVC100
TEMPO 0115/0116 08011KT 4SM -SN BR SCT010 OVC020
FM011600 07012KT 4SM -RAPL BR BKN010
FM011700 07012KT 2SM RA BR BKN006 OVC010
FM012200 07016G23KT 2SM RA BR OVC006
FM020100 06018G28KT 1 1/2SM -RA BR OVC007
FM020800 03016G23KT 3SM -RA BR OVC008
FM021300 02015G20KT 4SM -RA BR OVC010

EDTO AIRPORT: CYJR/YJR (GOOSE BAY, CANADA)

UTC -04:00

CYJR 011600Z 30017G24KT 15SM DRSN BKN033 M06/M12 A2956 RMK SC5 SLP015
CYJR 011130Z 0112/0212 29015G25KT P6SM FEW040 SCT120
BECMG 0114/0116 BKN030
BECMG 0120/0122 27012KT
FM020700 26012KT P6SM SCT030 BKN120
RMK NXT FCST BY 011800Z

EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 011600Z 14018KT 9000 -RA BKN014 OVC040 05/05 Q1013
BIKF 011351Z 0115/0215 14016KT 9000 -RA BKN012 OVC025 TX08/0212Z
TN04/0115Z
TEMPO 0115/0120 3000 RA SCT004 BKN008 OVC013
BECMG 0116/0118 14025G35KT
BECMG 0120/0123 18012KT 3000 DZ BR BKN005 OVC008
TEMPO 0200/0207 1000 DZ FG BKN003 OVC005
BECMG 0207/0210 5000 RA BKN008 OVC018
BECMG 0210/0212 17020G30KT

ADEQUATE: OKBK/KWI (KUWAIT INTL, KUWAIT)

UTC +03:00

OKBK 011600Z 09005KT 8000 NSC 21/15 Q1017 NOSIG
OKBK 011045Z 0112/0218 VRB03KT 7000 NSC
BECMG 0116/0118 14008G18KT SCT040 BKN080
TEMPO 0118/0206 3000 -TSRA FEW030CB

ADEQUATE: ORBI/BGW (BAGHDAD INTL, IRAQ)

UTC +03:00

ORBI 011600Z 16010KT 9000 -RA OVC030 19/12 Q1017 TEMPO -TSSHRA FEW025CB
ORBI 011000Z 0112/0212 VRB03KT CAVOK
BECMG 0113/0115 12010KT 8000 BKN040 OVC080
TEMPO 0115/0212 -TSSHRA FEW025CB

ADEQUATE: ORER/EBL (ERBIL INTL, IRAQ)

UTC +03:00

ORER 011500Z 03003KT 9000 NSC 14/10 Q1019 NOSIG
ORER 011000Z 0112/0212 VRB03KT 8000 SCT030
BECMG 0122/0124 BKN040
TEMPO 0200/0212 -TSSHRA FEW025CB

ADEQUATE: LTCG/TZX (TRABZON INTL, TURKEY)

UTC +03:00

LTCG 011550Z 26009KT 210V290 9000 -SHRA SCT012 BKN033 12/08 Q1018 NOSIG
RMK RWY29 26010KT 230V290
LTCG 011040Z 0112/0212 30012KT 8000 -SHRA SCT012 BKN033
TEMPO 0112/0116 30018G30KT 2500 +SHRA SCT008 BKN025
PROB40 0116/0120 30015G25KT 4500 SHRA SCT008 BKN028
BECMG 0200/0203 24009KT SCT035 BKN100

ADEQUATE: LTBA/ISL (ATATURK INTL, TURKEY)

UTC +03:00

LTBA 011550Z 02011KT 9999 BKN040 10/03 Q1026 NOSIG RMK RWY17L 01012KT
RWY05 01013KT 340V040 RWY23 03015KT
LTBA 011040Z 0112/0218 36020G32KT 9999 SCT013 BKN035
TEMPO 0112/0116 -RA
BECMG 0116/0120 05013KT SCT035
BECMG 0202/0205 VRB02KT CAVOK

ADEQUATE: LROP/OTP (HENRI COANDA, ROMANIA)

UTC +02:00

LROP 011600Z 04003KT CAVOK 01/M02 Q1028 R88/29//95 NOSIG
LROP 011100Z 0112/0212 14004KT 9999 BKN035

ADEQUATE: LHBP/BUD (LISZT FERENC INTL, HUNGARY)

UTC +01:00

LHBP 011600Z 11007KT CAVOK M01/M04 Q1024 NOSIG
LHBP 011115Z 0112/0212 15007KT CAVOK
BECMG 0121/0201 10009KT -SN OVC040
TEMPO 0201/0210 0500 +SN BKN002 OVC010
BECMG 0208/0210 VRB03KT
TEMPO 0210/0212 BKN004

ADEQUATE: EPWA/WAW (CHOPIN, POLAND)

UTC +01:00

EPWA 011600Z VRB02KT 9000 BKN019 01/M00 Q1022 TEMPO BKN015
EPWA 011430Z 0115/0215 18005KT 9000 SCT010 BKN015
TEMPO 0115/0207 3000 -SN -SG BR
PROB40 0116/0123 BKN006
BECMG 0207/0209 27010KT

ADEQUATE: ETNL/RLG (ROSTOCK-LAAGE, GERMANY)

UTC +01:00

ETNL 011520Z 22005KT 1400 R27/7000N BR OVC001 01/00 Q1020 RED
AMD ETNL 011245Z 0112/0124 VRB02KT 0400 FG VV001 FEW040
PROB30 0112/0115 27004KT 1000 BR BKN002 SCT040 BY ETGL

ADEQUATE: EGPF/GLA (GLASGOW, UNITED KINGDOM)

UTC +00:00

EGPF 011550Z VRB02KT 0200 R05/0200 FZFG VV/// M03/M03 Q1030
AMD EGPF 011411Z 0114/0212 VRB03KT 0300 FZFG VV///
PROB40 TEMPO 0115/0118 6000
TEMPO 0118/0209 3000 BR MIFG
BECMG 0209/0212 6000 NSW BKN018
PROB30 TEMPO 0209/0212 4000 RADZ BR BKN009

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

UTC -05:00

KBGR 011553Z VRB06KT 10SM SCT250 M04/M13 A3003 RMK A02 SLP174 T10441128 \$
KBGR 011120Z 0112/0212 32003KT P6SM SKC
FM011400 36003KT P6SM FEW100
FM012000 04004KT P6SM FEW100

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 310/390 INCLUSIVE
DEC 01/1130Z TO DEC 01/1900Z
PART ONE OF TWO PARTS-

A MALOT 53/20 53/30 53/40 52/50 TUDEP
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

B LIMRI 52/20 52/30 52/40 51/50 ALLRY
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

C ADARA 5130/20 5130/30 5130/40 5030/50 BUDAR
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

D DINIM 51/20 51/30 51/40 50/50 ELSIR
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

E RODEL 5030/20 5030/30 5030/40 4930/50 IBERG
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

F SOMAX 50/20 50/30 50/40 49/50 JOOPY
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

G BEDRA 49/20 49/30 49/40 48/50 NICSO
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370 390
EUR RTS WEST NIL
NAR NIL-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 310/390 INCLUSIVE
DEC 01/1130Z TO DEC 01/1900Z
PART TWO OF TWO PARTS-

H ETIKI 48/15 48/20 48/30 48/40 47/50 PORTI
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370 390
EUR RTS WEST NIL
NAR NIL-

REMARKS.

1. TMI IS 335 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 350-390 IN NAT AIRSPACE.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK B
TRACK C
TRACK D
TRACK E
TRACK F
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
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-1/3 TRACKS FLS 320/400 INCLUSIVE
DEC 2/0100Z TO DEC 2/0800Z
PART ONE OF THREE PARTS-

N JANJO 56/50 58/40 60/30 61/20 60/15 BALIX NINEX
EAST LVLS 320 330 340 360 370 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N687A N683A-

P LOMSI 55/50 57/40 59/30 60/20 59/15 ERAKA ETSOM
EAST LVLS 320 330 340 360 370 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N627A N621A-

Q NEEKO 54/50 56/40 58/30 59/20 58/15 GOMUP GINGA
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N573A N557A-

R ALLRY 51/50 54/40 57/30 57/20 SUNOT KESIX
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N389B N381B-

S BUDAR 5030/50 5330/40 5630/30 5630/20 BILTO BEGID
EAST LVLS 350 360 370 380 390
WEST LVLS NIL

EUR RTS EAST NIL
NAR N359B N353B-

T ELSIR 50/50 53/40 56/30 56/20 PIKIL SOVED
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N329B N321A-

END OF PART ONE OF THREE PARTS)

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

U JOOPY 49/50 52/40 55/30 55/20 RESNO NETKI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N269A N255A-

V MUSAK 4830/50 5130/40 5430/30 5430/20 VENER KOKIB
EAST LVLS 350 360 370 380 390
WEST LVLS NIL
EUR RTS EAST NIL
NAR N237A N225A-

W NICSO 48/50 51/40 54/30 54/20 DOGAL BEXET
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N211E N193A-

X PORTI 47/50 50/40 53/30 53/20 MALOT GISTI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N155A N133A-

Y DOVEY 42/60 44/50 47/40 50/30 52/20 LIMRI XETBO
EAST LVLS 320 340 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

END OF PART TWO OF THREE PARTS)

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

Z SOORY 43/50 46/40 49/30 51/20 DINIM ELSOX
EAST LVLS 320 340 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

- 1.THE TMI IS 336 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART 0
THE OCEANIC CLEARANCE READBACK.
- 2.OPERATORS ARE REMINDED THAT ADS-C AND CPDLC ARE MANDATED FOR

LEVELS 350-390 IN NAT AIRSPACE.

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

TRACK R

TRACK S

TRACK T

TRACK U

TRACK V

TRACK W

END OF PBCS OTS.

4.CLEARANCE DELIVERY FREQUENCY ASSIGNMENTS FOR AIRCRAFT OPERATING FROM AVPUT TO TALGO INCLUSIVE: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.

5.80% OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT PROCEDURES ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.

6.OPERATORS ARE ADVISED THAT VERSION 24 OF THE GANDER DATA LINK OCEANIC CLEARANCE DELIVERY CREW PROCEDURES IS NOW VALID AND AVAILABLE AS NAT OPS BULLETIN 2015-004 ON THE WWW.PARIS.ICAO.INT WEBSITE.

7.OPERATORS ARE REMINDED THAT EASTBOUND AIRCRAFT INTENDING TO OPERATE IN THE OTS ARE REQUIRED TO COMPLY WITH NAR FLIGHT PLANNING RULES AS DEFINED IN THE CANADA FLIGHT SUPPLEMENT OR WITH ROUTES AS CONTAINED IN THE DAILY BOSTON ADVISORY.

8.AIRCRAFT EXITING THE NAT REGION TO A DOMESTIC AGENCY SHOULD CONTINUE TO

OPERATE TRANSPONDERS ON MODE A2000 UNTIL OTHERWISE ADVISED BY ATC.

SEE

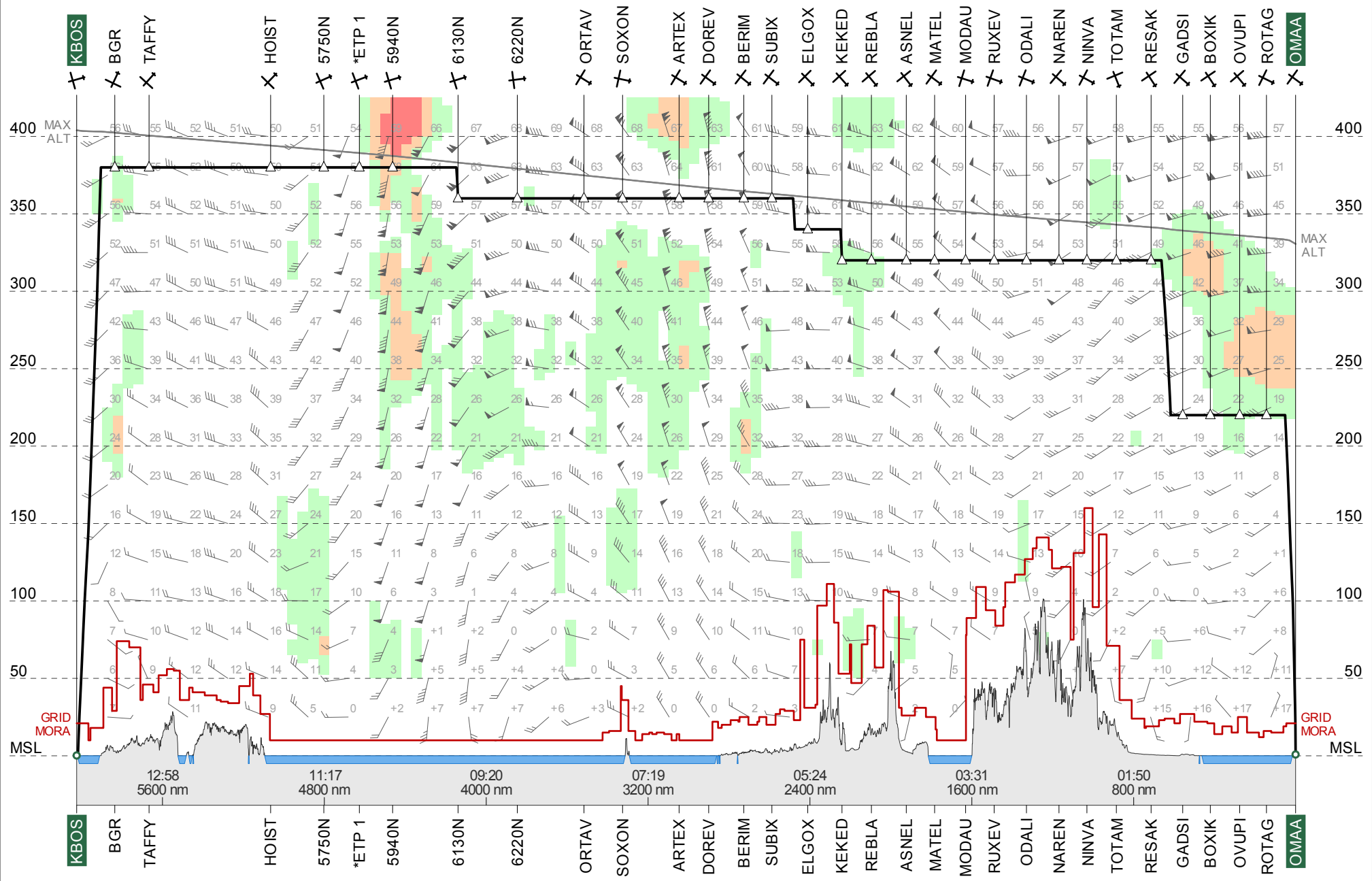
ICAO NAT DOC 007 6.8 FOR MORE INFO.-

END OF PART THREE OF THREE PARTS)

TR321C #1

KBOS — OMAA

ETD 01 Dec 20:20z
PJTGE B77L



Route Chart

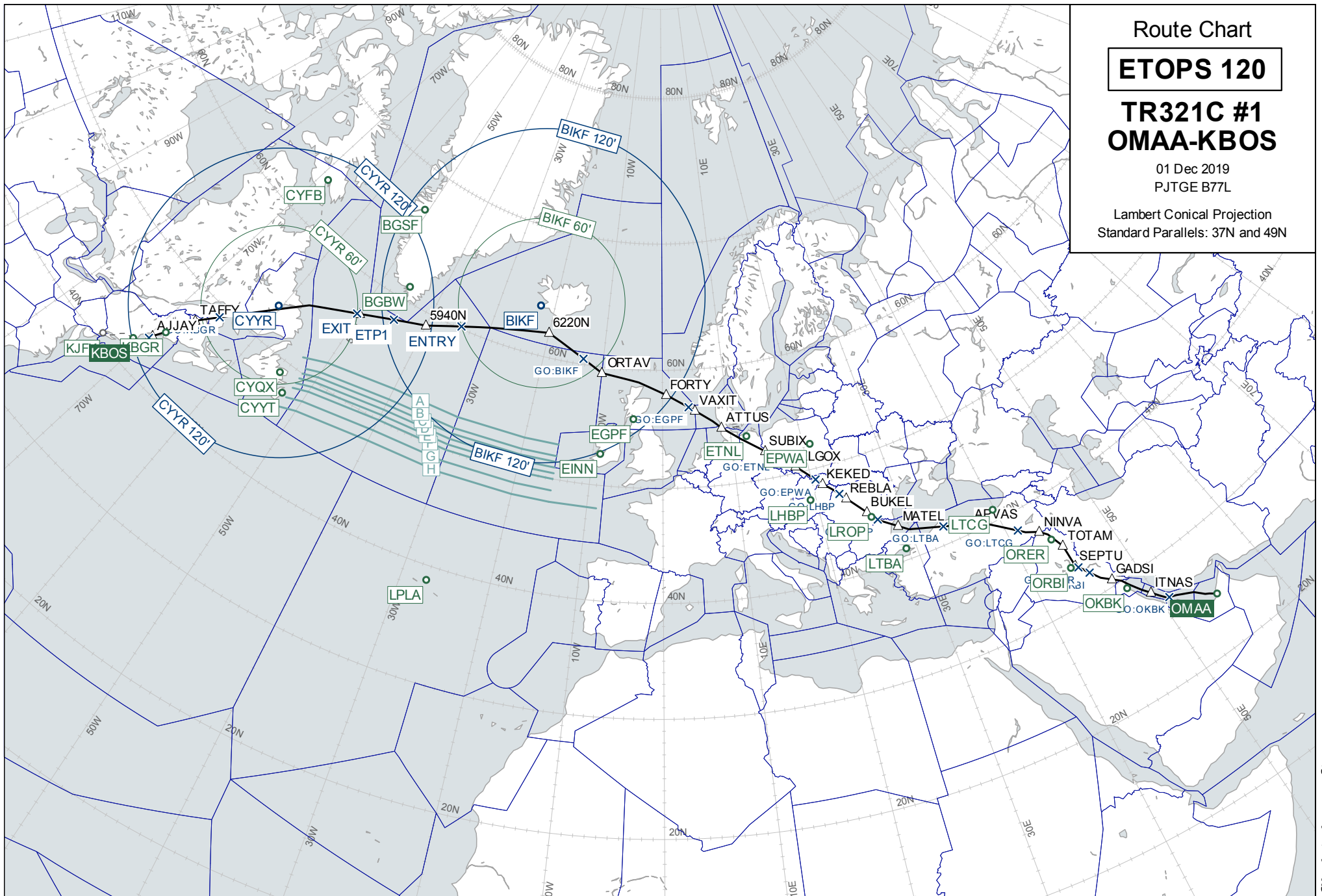
ETOPS 120

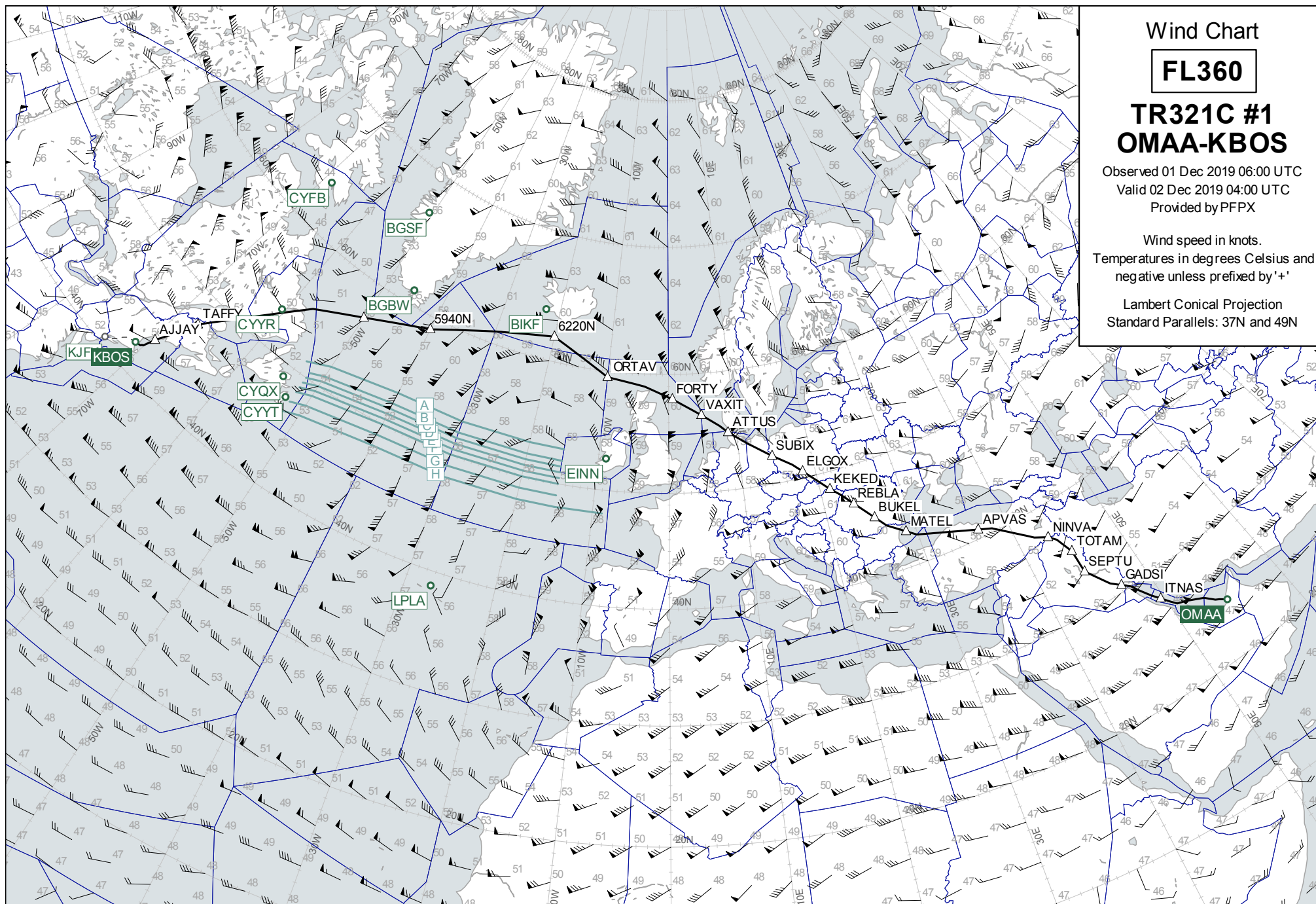
TR321C #1 OMAA-KBOS

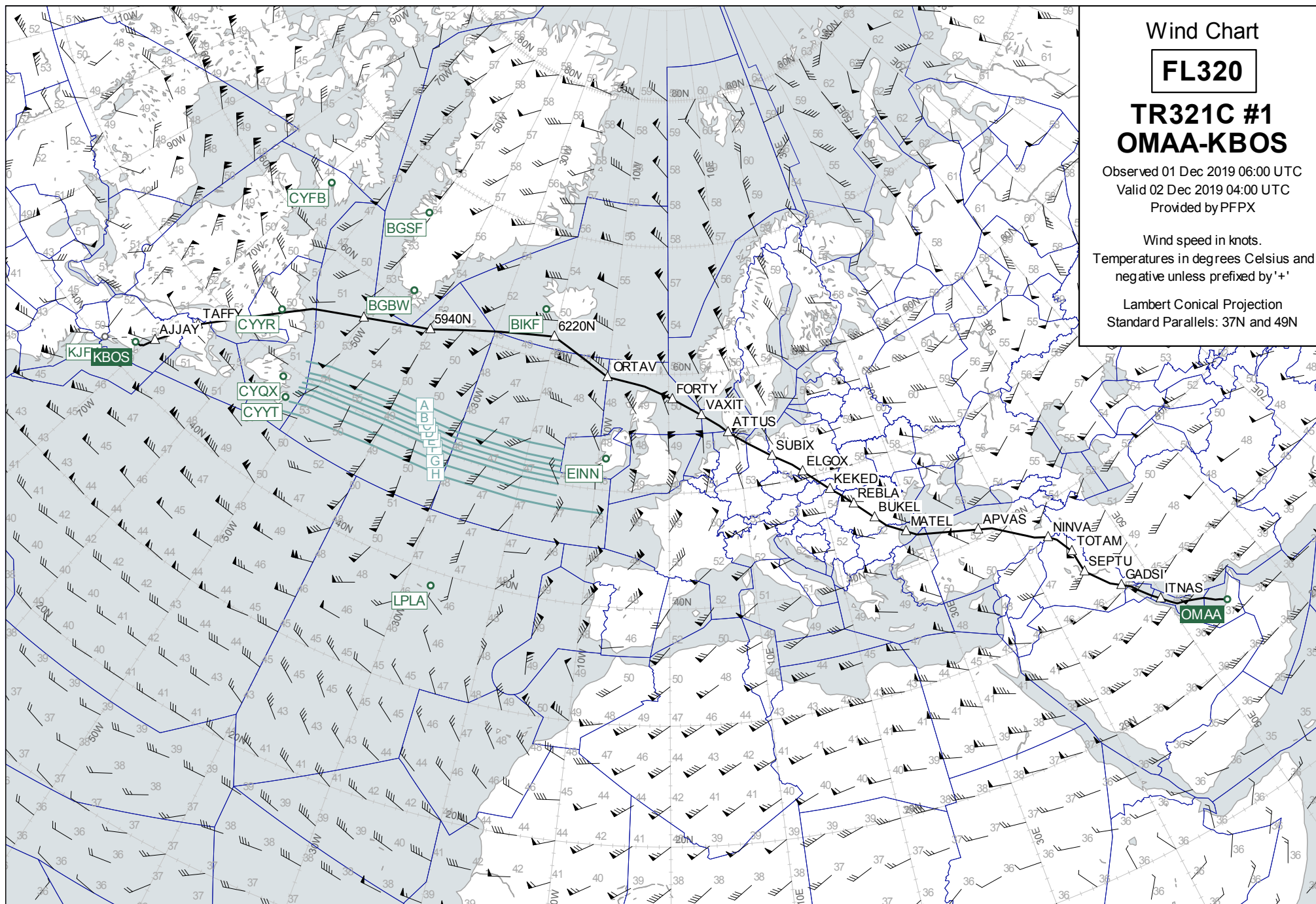
01 Dec 2019

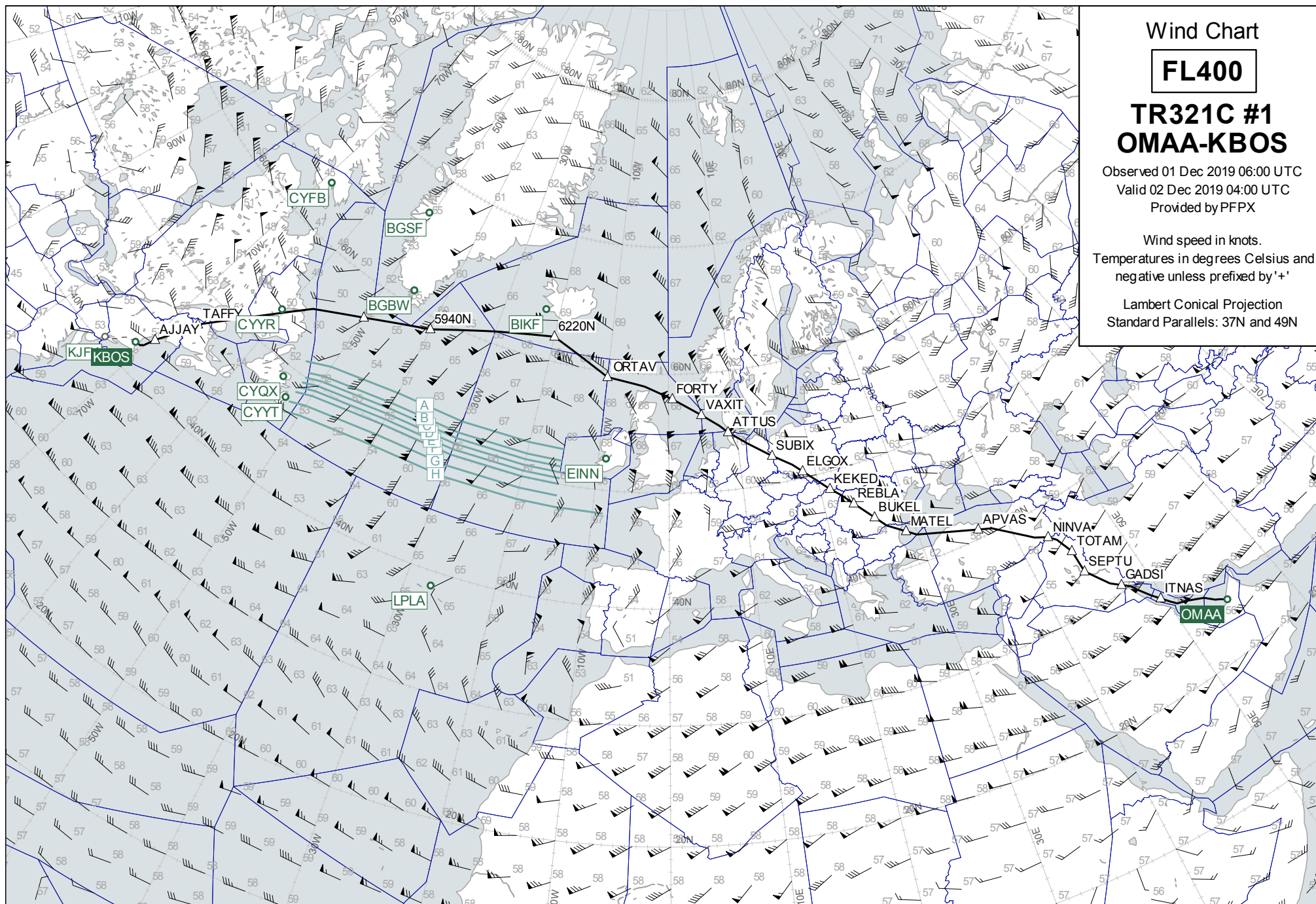
PJTGE B77L

Lambert Conical Projection
Standard Parallels: 37N and 49N









Destination Area

FL150

TR321C #1
OMAA-KBOS

Observed 01 Dec 2019 06:00 UTC

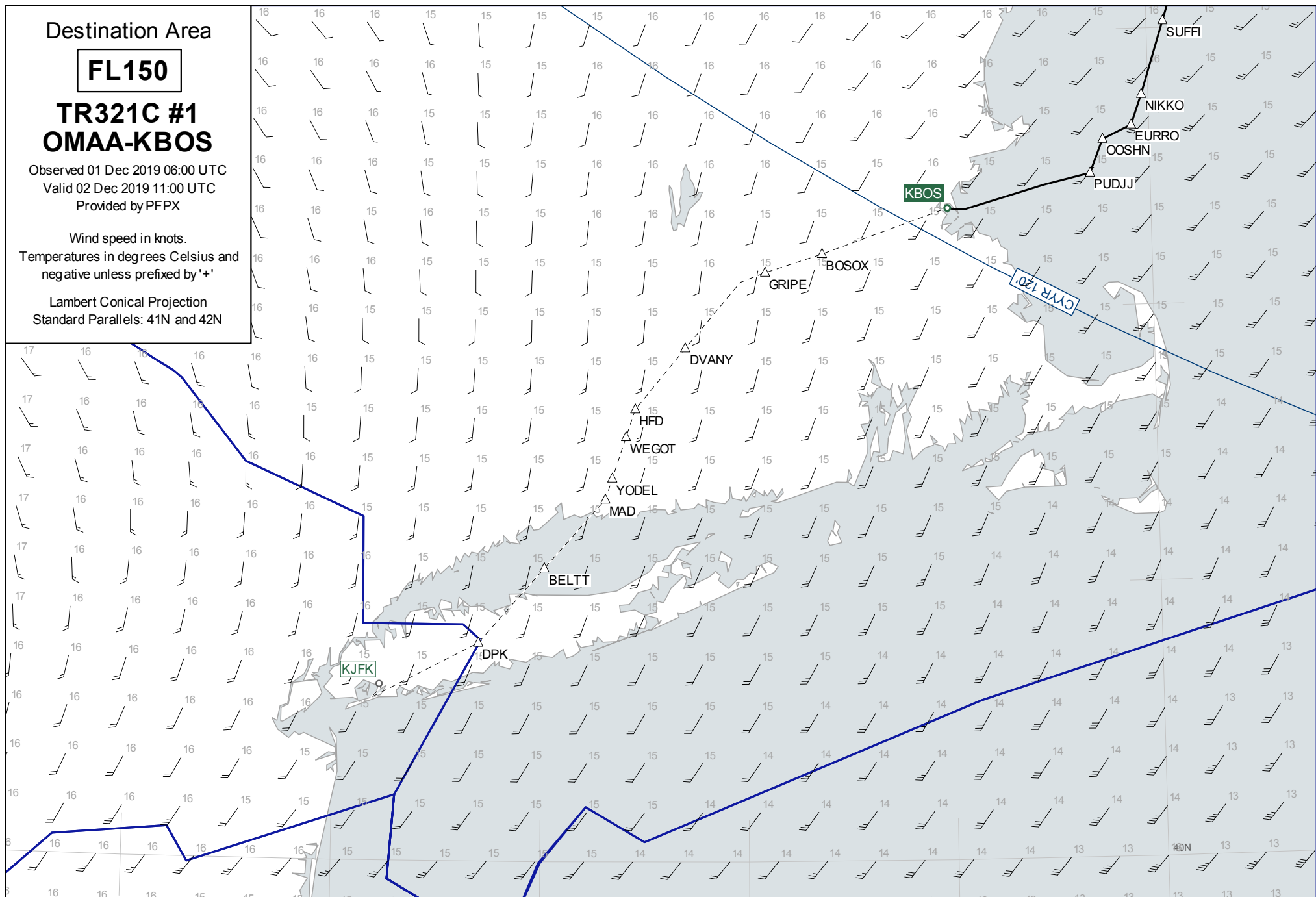
Valid 02 Dec 2019 11:00 UTC

Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection
Standard Parallels: 41N and 42N



Plotting Chart TR321C #1 OMAA-KBOS

01 Dec 2019
PJTGE B77L

Lambert Conical Projection
Standard Parallels: 53N and 58N

