



Tradewind VA



Flight Briefing Package

TCC321A 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 1619 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		103.299	14:00
CONT 5%		5.165	00:51
HOLD	KBOS	2.027	00:20
ALTN	KJFK	4.172	00:42
FINAL RESV		3.041	00:30
ADD FUEL		1.500	00:15
MIN T/O		119.204	16:37
EXTRA		1.520	00:15
TAXI		1.144	00:22
RELEASE	OMAA	121.868	17:14
ARR FUEL	KBOS	16.801	02:41

Load Planning (kg)	PJTGC	Plan	Limit
Empty Weight		156.146	
Payload	263+0 Pax	24.722	
Zero Fuel Weight		180.868	209.106
Fuel		121.868	162.613
Ramp Weight		302.736	348.359
Take-Off Weight OMAA		301.592	360.000
Landing Weight KBOS	Limit	198.293	223.167
Underload		24.874	Lim LDW

Cost Planning		
Flight Time	14:00\$	77.591
Fuel	105.067\$	76.294
Total	\$	153.885
Per Pax	\$	585
Per 5.000 kg Payload	\$	31.123

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC321A PJTGC OMAA-KBOS

ALL WEIGHTS IN KILOGRAMS (KG) STD 01DEC/2010Z

OPF 1 - PREPARED 01DEC/1619Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR321A/TCC321A PJTGC/B777-2LR GE SEL/SALH 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	263	0	24722	24874 LDW	MAX 209106	360000	223167
						PLN 180868	301592	198293
						ACT .....	.....	.....

** TAKE-OFF DATA OMAA 31L **

COND: 301592 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=173
ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	103299	.....	14:00	
CONT 5%	5165	.....	00:51	
ALTN KJFK	4172	.....	00:42	
FINAL RESV	3041	.....	00:30	
HOLD	2027	.....	00:20	
ADD FUEL	1500	.....	00:15	
MIN T/O	119204	.....	16:37	.....
EXTRA	1520	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1144	.....	00:22	
RELEASE	121868	.....	17:14	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	16801	.....	02:41	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 26394 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1344 KG / 5000 KG TOW DECR: -1551 KG
2000 FT LOWER: +1268 KG / EET 13:50 CLB: 250/310/84 DES: 84/320/250

	STD	ETA	ACT	OFBL	EST	T/O	ACT	T/O
OMAA	20:10Z/00:10L	20:10Z	ACT	OFBL	....	EST T/O	20:32Z	ACT T/O
KBOS	STA 10:40Z/05:40L	ETA 10:44Z	ACT	ONBL	....	EST LDG	10:32Z	ACT 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)	179 NM BEFORE 5940N	N60 12.0 W034 37.2	EET 10:04
	ETOPS EXIT (CYR)	249 NM BEFORE HOIST	N56 54.1 W050 24.3	EET 11:19

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

BIKF (07:22-09:16)
CYR (08:48-09:16)

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 35062 ETP FUEL REQ 15415 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 35062 ETP FUEL REQ 14697 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 03.3 W045 21.2 EET 10:55
 1E084/320 DESC TO FL291 CRUISE AT 1E0320 163 NM BEFORE 5750N
 PLN FUEL OVER ETP 34882 ETP FUEL REQ 14705 DIV TIME 01:26
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 747 NM WC TL058 TT 052
 ETP TO CYYR (N53 19.2 W060 25.6) DIST 583 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 ELGOX/N0480F360
 P193 VAGON 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 4172 - BOSOX V1 DPK

MOST CRITICAL MORA 16000 FT AT NINVA

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WIND/SPD	FREQ GS	TAS REM	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
	OMAA/31L ABU DHABI INTL		83 021					120.7 / 1.1 N2425.3 E05440.0	6024	/.....	
BOSE1K	AA820	306	*CLB 021 P10 211/003			10 6014		119.1 / 2.8 N2431.5 E05431.4	04 00.04	/.....	
BOSE1K	OBTOL	306	*CLB 021 P12 225/008			8 6006		118.5 / 3.4 N2436.4 E05424.4	01 00.05	/.....	
BOSE1K	PUXUT	306	*CLB 021 P12 230/011			3 6003		118.3 / 3.5 N2438.2 E05421.8	01 00.06	/.....	
BOSE1K	BOSEV	306	*CLB 021 P12 242/025			20 5983		117.3 / 4.5 N2450.2 E05404.8	03 00.09	/.....	
N563	*TOC	300	FL220 021 P11 250/034		462 11 439 5972			116.9 / 5.0 N2455.9 E05354.6	02 00.11	/.....	
N563	ITKEV	299	FL220 019 P11 250/035		462 10 439 5963			116.7 / 5.2 N2501.1 E05345.4	01 00.12	/.....	
N563	KUSBA	314	FL220 015 P11 248/035		462 22 447 5941			116.3 / 5.6 N2516.6 E05328.8	03 00.15	/.....	

N563	TAGDU	313	FL220	015	462	9	116.1 / 5.8	01	00.16
			P11	248/035	446	5932	N2523.0 E05321.9	/.....	
N563	IMGUX	313	FL220	015	462	10	115.9 / 6.0	01	00.17
			P11	247/036	447	5922	N2529.8 E05314.5	/.....	
N563 -OB BB	ALPOB	313	FL220	015	462	17	115.6 / 6.3	03	00.20
			P10	246/036	447	5905	N2542.3 E05300.9	/.....	
UL768	ROTAG	295	FL220	016	461	25	115.1 / 6.8	03	00.23
			P10	246/038	437	5880	N2553.9 E05236.4	/.....	
UL768	ITMUB	294	FL220	016	461	12	114.8 / 7.0	02	00.25
			P10	246/038	436	5868	N2559.3 E05224.0	/.....	
UL768	MODOG	294	FL220	016	461	25	114.4 / 7.5	03	00.28
			P10	246/039	435	5843	N2610.2 E05159.6	/.....	
UL768	RAMKI	294	FL220	015	461	3	114.3 / 7.6	01	00.29
			P10	246/039	435	5840	N2611.6 E05156.4	/.....	
UL768	RABLA	294	FL220	015	461	8	114.1 / 7.7	01	00.30
			P10	246/039	434	5832	N2615.1 E05148.6	/.....	
UL768	SOLOB	294	FL220	015	461	17	113.8 / 8.1	02	00.32
			P10	246/039	434	5815	N2622.7 E05131.5	/.....	
UL768	ALREP	287	FL220	015	461	9	113.6 / 8.2	01	00.33
			P09	246/039	431	5806	N2625.7 E05122.2	/.....	
UL768	ORDIG	287	FL220	015	460	6	113.5 / 8.3	01	00.34
			P09	246/039	431	5800	N2627.6 E05116.1	/.....	
UL768	MEDMA	287	FL220	025	460	20	113.1 / 8.7	03	00.37
			P09	246/039	431	5780	N2634.4 E05054.9	/.....	
	OKBK	286	FL220	025		2	113.1 / 8.8	00	00.37
			P07	253/038		5778	N2635.2 E05052.2	/.....	
UL768	OBMON	286	FL220	025	460	10	112.9 / 9.0	02	00.39
			P09	246/039	430	5767	N2638.5 E05041.4	/.....	
UL934	OVUPI	317	FL220	025	460	19	112.5 / 9.4	02	00.41
			P09	245/040	447	5748	N2653.3 E05027.5	/.....	
UL934	TOKMA	317	FL220	025	460	21	112.1 / 9.8	03	00.44
			P08	245/040	447	5726	N2709.7 E05012.0	/.....	
UL602	ORSOL	321	FL220	015	459	15	111.8 / 10.0	02	00.46
			P08	244/039	450	5712	N2721.6 E05002.1	/.....	
UL602	ITNAS	319	FL220	019	459	32	111.2 / 10.6	04	00.50
			P08	244/039	449	5680	N2746.7 E04940.0	/.....	
UL602	ENAVI	319	FL220	019	459	12	111.0 / 10.9	02	00.52
			P07	244/038	449	5668	N2755.9 E04931.9	/.....	
UL602	DAMUR	318	FL220	019	458	7	110.9 / 11.0	01	00.53
			P07	244/038	448	5661	N2801.6 E04926.6	/.....	
UL602 -OKAC	DAVUS	318	FL220	014	458	28	110.3 / 11.5	04	00.57
			P07	245/037	447	5632	N2823.8 E04906.4	/.....	

UL602	BOXIK	323	FL220	021	457	30	109.8 / 12.1	04	01.01
			P06	245/036	450	5603	N2848.2 E04847.6	/.....	
UL602	RALKA	323	FL220	022	457	46	108.9 / 12.9	06	01.07
			P06	246/033	450	5557	N2926.2 E04818.3	/.....	
G795 -ORBB	TASMI	327	FL220	027	457	41	108.2 / 13.7	05	01.12
			P05	247/029	452	5516	N3001.3 E04755.1	/.....	
L602	GADSI	307	FL220	027	456	50	107.2 / 14.7	07	01.19
			P05	251/027	441	5466	N3034.0 E04711.3	/.....	
L602	ALPET	307	*CLB	027		59	106.1 / 15.8	08	01.27
			P04	249/029		5407	N3112.3 E04618.7	/.....	
	ORBI	323	FL320	024		62	104.3 / 17.6	08	01.35
			P00	264/040		5345	N3204.3 E04538.5	/.....	
UM860	RESAK	322	FL320	019	493	35	103.7 / 18.2	05	01.40
			P00	243/045	485	5310	N3233.1 E04515.9	/.....	
	ORER	322	FL320	019		30	103.2 / 18.7	03	01.43
			P00	260/040		5280	N3258.3 E04455.8	/.....	
UM860	SEPTU	321	FL320	024	493	18	102.9 / 19.0	02	01.45
			P00	237/045	488	5262	N3313.0 E04444.0	/.....	
UM860	NAMDI	354	FL320	036	491	78	101.6 / 20.2	10	01.55
			M01	232/041	514	5184	N3430.5 E04441.6	/.....	
UM860	TOTAM	354	FL320	071	491	46	100.9 / 21.0	05	02.00
			M02	227/040	515	5138	N3516.0 E04440.1	/.....	
UM860	DARIX	333	FL320	143	490	98	99.3 / 22.5	12	02.12
			M02	227/047	506	5040	N3646.7 E04353.9	/.....	
UM860 -LTAA	NINVA	311	FL320	160	491	47	98.5 / 23.3	05	02.17
			M03	231/049	485	4993	N3721.0 E04313.0	/.....	
UM860	SRT SIIRT	293	FL320	160	114.30	491	97.3 / 24.6	10	02.27
			M03	235/052	466	4921	N3754.6 E04152.9	/.....	
	LTCG	306	FL320	122		41	96.6 / 25.3	05	02.32
			M04	266/031		4880	N3821.9 E04113.5	/.....	
UM860	RENGI	305	FL320	122	490	9	96.4 / 25.4	01	02.33
			M04	238/051	472	4870	N3827.8 E04104.8	/.....	
UM860	NAREN	304	FL320	122	490	16	96.2 / 25.7	02	02.35
			M04	239/051	471	4855	N3837.8 E04049.5	/.....	
UM860	TALIL	304	FL320	141	489	52	95.3 / 26.6	07	02.42
			M04	241/044	471	4803	N3911.3 E03958.3	/.....	
UM860	KONUJ	304	FL320	141	489	30	94.8 / 27.1	03	02.45
			M05	246/040	470	4772	N3930.7 E03928.1	/.....	
UM860	EBEDI	303	FL320	141	489	20	94.4 / 27.5	03	02.48
			M05	249/039	469	4752	N3943.5 E03907.4	/.....	
UM860	ODALI	303	FL320	141	489	58	93.4 / 28.5	08	02.56
			M05	262/036	464	4694	N4019.7 E03809.0	/.....	
UL852	NELPO	285	FL320	127	490	23	93.0 / 28.9	03	02.59

				M05 270/036 458 4671	N4028.2 E03740.6	/.....
UL852	APVAS	285	FL320	117 491 49	92.1 / 29.7	06 03.05
				M04 287/040 453 4622	N4045.9 E03640.1	/.....
UL852	USANU	284	FL320	112 492 29	91.6 / 30.3	04 03.09
				M04 295/043 449 4592	N4056.1 E03603.8	/.....
UL852	ODPOT	284	FL320	112 492 10	91.4 / 30.4	01 03.10
				M04 297/044 448 4583	N4059.4 E03552.0	/.....
UL852	RUXEV	284	FL320	096 492 48	90.6 / 31.3	07 03.17
				M04 305/047 447 4534	N4115.8 E03451.7	/.....
UL852	EKSUK	283	FL320	094 492 25	90.1 / 31.8	03 03.20
				M04 308/049 445 4509	N4124.2 E03420.2	/.....
UL852	UPKAG	283	FL320	094 492 10	89.9 / 31.9	01 03.21
				M04 308/049 445 4500	N4127.3 E03408.1	/.....
	LTBA	283	FL320	109 18	89.6 / 32.2	03 03.24
				M05 306/061 4482	N4133.0 E03346.0	/.....
UL852	VAXEB	283	FL320	109 492 9	89.5 / 32.4	01 03.25
				M04 311/052 443 4473	N4135.8 E03334.7	/.....
UL852	ESOSU	283	FL320	109 492 2	89.4 / 32.4	00 03.25
				M04 311/052 443 4471	N4136.4 E03332.3	/.....
UL852	TIVUG	282	FL320	109 492 24	89.0 / 32.9	04 03.29
				M04 312/053 443 4447	N4144.0 E03301.9	/.....
UL852	EVPUV	282	FL320	109 492 13	88.8 / 33.1	01 03.30
				M04 313/054 443 4434	N4148.0 E03245.6	/.....
UL852	DEVMU	282	FL320	089 492 14	88.5 / 33.4	02 03.32
				M04 314/056 442 4420	N4152.4 E03227.7	/.....
UL852	EVPIM	282	FL320	089 492 4	88.4 / 33.4	01 03.33
				M04 315/056 441 4416	N4153.7 E03222.0	/.....
UL852	BEDOP	282	FL320	089 492 6	88.3 / 33.6	01 03.34
				M04 315/057 441 4410	N4155.6 E03214.0	/.....
UL852	MODAU	282	FL320	089 492 16	88.0 / 33.9	02 03.36
				M04 316/059 440 4393	N4200.6 E03153.2	/.....
UL852	ODMAX	281	FL320	010 492 23	87.6 / 34.3	03 03.39
				M04 315/061 439 4371	N4207.3 E03124.2	/.....
UL852	*BDRY	281	FL320	010 492 19	87.3 / 34.6	02 03.41
-LTBB				M04 315/062 438 4352	N4212.8 E03100.0	/.....
UL852	NEGEM	281	FL320	010 492 52	86.3 / 35.6	08 03.49
-LBSR				M05 314/065 434 4300	N4227.7 E02952.2	/.....
T746	MATEL	301	FL320	025 493 60	85.2 / 36.7	08 03.57
				M05 313/070 423 4240	N4303.6 E02847.5	/.....
T746	ARGES	300	FL320	031 493 105	83.2 / 38.7	15 04.12
-LRBB				M05 307/076 417 4135	N4404.9 E02649.6	/.....
	LROP	316	FL320	026 8	83.0 / 38.9	01 04.13
				M06 287/078 4127	N4410.9 E02643.1	/.....

L619	ASNEL	316	FL320	026	493	27	82.5 / 39.4	04	04.17
			M06	303/076	420	4100	N4432.2 E02619.8	/.....	
L619	BUKEL	316	FL320	106	493	41	81.7 / 40.2	06	04.23
			M06	300/076	420	4058	N4504.7 E02543.6	/.....	
L619	PELUR	316	FL320	106	492	16	81.4 / 40.5	02	04.25
			M06	298/076	420	4042	N4517.2 E02529.3	/.....	
L619	EDETA	315	FL320	107	492	37	80.7 / 41.2	06	04.31
			M06	295/077	421	4005	N4546.1 E02455.9	/.....	
L619	MOBRA	315	FL320	107	492	7	80.6 / 41.3	01	04.32
			M06	294/077	422	3998	N4551.9 E02449.2	/.....	
L619	REBLA	315	FL320	107	492	70	79.2 / 42.6	10	04.42
			M06	289/078	423	3928	N4645.6 E02344.7	/.....	
L619	LARMU	314	FL320	084	491	39	78.5 / 43.3	05	04.47
			M07	286/077	424	3889	N4715.0 E02308.2	/.....	
	LHBP	314	FL320	072		5	78.4 / 43.4	01	04.48
			M07	279/079		3884	N4718.9 E02303.3	/.....	
L619 -LHCC	KARIL	314	FL320	072	491	38	77.7 / 44.1	05	04.53
			M07	283/075	426	3846	N4747.6 E02226.5	/.....	
DCT -LZBB	KEKED	308	*CLB	072		64	76.5 / 45.3	09	05.02
			M08	278/072		3782	N4831.4 E02117.5	/.....	
	EPWA	312	FL340	111		44	75.7 / 46.2	06	05.08
			M08	283/061		3739	N4903.6 E02032.4	/.....	
DCT -EPWW	KELEL	312	FL340	111	484	21	75.3 / 46.6	03	05.11
			M08	273/076	425	3717	N4918.8 E02010.5	/.....	
P193	ELGOX	311	*CLB	111		104	73.5 / 48.4	15	05.26
			M07	267/065		3613	N5033.9 E01818.1	/.....	
P193	VAGON	310	FL360	075	483	63	72.3 / 49.6	09	05.35
			M02	276/051	441	3550	N5118.5 E01706.9	/.....	
T710	VELAB	301	FL360	029	483	17	72.0 / 49.8	02	05.37
			M02	279/048	438	3533	N5128.2 E01644.9	/.....	
T710	KULUV	300	FL360	029	483	19	71.7 / 50.1	02	05.39
			M02	284/046	439	3514	N5138.9 E01620.4	/.....	
T710	OLUMA	300	FL360	030	484	26	71.3 / 50.6	04	05.43
			M01	292/043	440	3488	N5153.8 E01545.4	/.....	
	ETNL	300	FL360	030		5	71.2 / 50.7	01	05.44
			M02	358/061		3483	N5156.8 E01538.3	/.....	
T710	SUBIX	300	FL360	030	483	47	70.4 / 51.4	06	05.50
			M02	310/043	440	3436	N5222.8 E01435.1	/.....	
DCT -EDUU	*BDRY	303	FL360	020	483	2	70.4 / 51.5	00	05.50
			M02	309/043	440	3433	N5224.2 E01432.1	/.....	
DCT	BERIM	303	FL360	025	483	136	68.1 / 53.7	19	06.09
			M03	337/058	434	3297	N5343.6 E01128.1	/.....	

DCT -EDVV	*BDRY	304	FL360 025	483 11	67.9 / 53.9	02 06.11
			M03 336/059	433 3286	N5350.2 E01113.6	/.....
DCT -EKDK	ATTUS	304	FL360 025	483 107	66.1 / 55.7	15 06.26
			M03 347/081	422 3179	N5454.0 E00847.0	/.....
DCT	DOREV	311	FL360 022	484 56	65.1 / 56.7	08 06.34
			M03 348/094	406 3123	N5532.0 E00735.0	/.....
DCT -EGPX	VAXIT	304	FL360 010	485 106	63.3 / 58.6	16 06.50
			M04 347/116	394 3018	N5632.3 E00500.0	/.....
	EGPF	301	FL360 010	37	62.6 / 59.3	05 06.55
			M04 345/085	2981	N5651.8 E00403.4	/.....
UP60	ARTEX	301	FL360 014	484 4	62.5 / 59.4	01 06.56
			M04 346/118	393 2977	N5653.7 E00357.6	/.....
UP60	LAMRO	301	FL360 014	484 16	62.2 / 59.6	02 06.58
			M04 345/119	393 2962	N5701.9 E00333.2	/.....
UP60	FORTY	301	FL360 015	485 110	60.2 / 61.7	17 07.15
			M04 338/121	386 2851	N5757.0 E00035.8	/.....
UM86	SOXON	296	FL360 036	486 153	57.3 / 64.5	24 07.39
			M03 323/110	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 -EGGX	ORTAV	285	FL360 045	486 191	54.0 / 67.9	29 08.08
			M03 301/090	401 2507	N5930.0 W01000.0	/.....
	BIKF	307	FL360 010	116	51.9 / 69.9	17 08.25
			M03 253/074	2391	N6027.9 W01320.9	/.....
DCT -BIRD	*BDRY	306	FL360 010	486 69	50.7 / 71.2	11 08.36
			M03 277/088	401 2322	N6100.1 W01526.6	/.....
DCT	6220N	305	FL360 010	486 144	48.3 / 73.6	21 08.57
	62N020W		M03 256/089	411 2178	N6200.0 W02000.0	/.....
DCT -CZQX	6130N	274	*CLB 010	293	43.2 / 78.7	44 09.41
	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	37.5 / 84.4	50 10.31
	59N040W		M04 194/103	410 1562	N5900.0 W04000.0	/.....
	*ETP 1	273	FL380 010	488 165	35.1 / 86.8	23 10.54
	BIKF/CYYR		P02 198/059	448 1397	N5807.7 W04459.2	/.....
DCT	5750N	270	FL380 010	491 175	32.6 / 89.3	23 11.17
	57N050W		P05 211/035	462 1222	N5700.0 W05000.0	/.....

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

DCT	HOIST	267	FL380	010	495	263	29.0 / 92.8	34	11.51
				P07 277/032	469	959	N5502.0 W05700.0	/.....	
N596A	*BDRY	246	FL380	053	493	319	24.9 / 97.0	40	12.31
-CZUL				P05 295/039	480	640	N5104.8 W06253.7	/.....	
	KBGR	239	FL380	055		152	22.9 / 99.0	19	12.50
				M02 245/011		488	N4905.7 W06521.8	/.....	
N596A	*BDRY	236	FL380	056	491	91	21.7 / 100.1	11	13.01
-CZQM				P02 287/034	479	396	N4752.9 W06644.8	/.....	
N596A	TAFFY	234	FL380	046	490	39	21.3 / 100.6	05	13.06
				P02 281/033	475	358	N4722.4 W06718.2	/.....	
DCT	*BDRY	239	FL380	046	490	30	20.9 / 101.0	04	13.10
-KZBW				P01 279/034	472	328	N4700.2 W06747.7	/.....	
DCT	PQI	239	FL380	070	116.40	490	20.6 / 101.2	02	13.12
	PRESQUE ISLE			P01 276/032	471	309	N4646.5 W06805.7	/.....	
J49	BGR	213	FL380	074	114.80	488	19.1 / 102.8	16	13.28
	BANGOR			M01 246/029	470	189	N4450.5 W06852.4	/.....	
DCT	*TOD	221	FL380	044	490	69	18.2 / 103.7	09	13.37
				P01 237/030	463	119	N4348.0 W06933.4	/.....	
DCT	AJJAY	220		*DES 018		5	18.2 / 103.7	00	13.37
				P01 232/037		115	N4343.7 W06936.1	/.....	
	KBOS	214		*DES 018		21	18.1 / 103.7	03	13.40
				M03 168/033		94	N4323.6 W06945.2	/.....	
OOSHNS	SUFFI	213		*DES 018		23	18.0 / 103.8	03	13.43
				P01 228/034		70	N4301.5 W06955.0	/.....	
OOSHNS	NIKKO	213		*DES 021		17	18.0 / 103.9	03	13.46
				M01 226/018		53	N4245.6 W07002.0	/.....	
OOSHNS	EURRO	215		*DES 021		7	17.9 / 103.9	01	13.47
				M01 226/012		46	N4239.1 W07005.3	/.....	
OOSHNS	OOSHNS	260		*DES 021		7	17.9 / 103.9	01	13.48
				M02 228/004		39	N4236.1 W07013.9	/.....	
OOSHNS	PUDJJ	217		*DES 021		8	17.8 / 104.0	02	13.50
				M05 133/006		32	N4228.8 W07017.8	/.....	
OOSHNS	AYBEE	272		*DES 021		11	17.8 / 104.0	02	13.52
				M11 109/019		21	N4226.4 W07031.7	/.....	
OOSHNS	KBOS/27	272	19	021		21	17.4 / 104.4	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	243/033	-15	FL200	244/033	-17
4000	351/002	+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	238/051	-56
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	239/041	-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	243/054	-56	FL360	250/047	-56	FL360	269/041	-56	FL360	291/044	-55
FL340	237/054	-55	FL340	244/045	-56	FL340	265/040	-56	FL340	296/044	-55
FL320	235/053	-51	FL320	242/044	-53	FL320	262/037	-53	FL320	295/044	-53
FL300	234/052	-48	FL300	239/043	-50	FL300	258/033	-51	FL300	295/043	-50
FL280	236/048	-44	FL280	237/041	-45	FL280	254/030	-46	FL280	287/039	-46
VAXEB			ODMAX			MATEL			ARGES		
FL360	305/057	-57	FL360	310/063	-58	FL360	308/071	-59	FL360	304/077	-60
FL340	310/058	-56	FL340	314/065	-56	FL340	312/074	-57	FL340	306/082	-58
FL320	311/052	-53	FL320	316/062	-53	FL320	313/070	-53	FL320	307/076	-54
FL300	312/046	-50	FL300	317/059	-49	FL300	314/066	-49	FL300	308/070	-49
FL280	313/044	-45	FL280	318/054	-45	FL280	314/061	-45	FL280	308/065	-45
EDETA			LARMU			KELEL			VAGON		
FL360	295/083	-61	FL360	286/084	-61	FL380	275/072	-61	FL400	281/050	-59
FL340	295/084	-59	FL340	286/086	-60	FL360	274/074	-61	FL380	278/050	-59
FL320	295/077	-54	FL320	286/077	-55	FL340	273/076	-61	FL360	276/051	-58
FL300	296/070	-50	FL300	285/068	-51	FL320	273/071	-57	FL340	274/053	-58
FL280	296/064	-45	FL280	285/062	-46	FL300	272/066	-53	FL320	270/054	-55
SUBIX			BERIM			ATTUS			VAXIT		
FL400	304/044	-59	FL400	332/054	-61	FL400	344/074	-62	FL400	346/105	-65
FL380	307/043	-59	FL380	335/057	-60	FL380	347/079	-61	FL380	347/114	-63
FL360	311/044	-58	FL360	337/058	-59	FL360	348/082	-59	FL360	347/117	-60
FL340	315/045	-57	FL340	339/059	-58	FL340	348/085	-57	FL340	348/120	-56
FL320	320/045	-54	FL320	339/059	-55	FL320	347/079	-53	FL320	347/111	-52
FORTY			SOXON			ORTAV			6220N		
FL400	337/120	-68	FL400	322/112	-69	FL400	301/093	-69	FL400	257/092	-69
FL380	338/125	-65	FL380	322/114	-65	FL380	301/093	-64	FL380	256/092	-65
FL360	339/121	-60	FL360	323/111	-60	FL360	302/090	-59	FL360	256/090	-60
FL340	340/117	-55	FL340	324/108	-54	FL340	303/088	-54	FL340	256/087	-54
FL320	339/109	-50	FL320	323/098	-50	FL320	302/084	-49	FL320	258/082	-49
5940N			5750N			HOIST			TAFFY		
FL420	200/075	-59	FL420	219/030	-52	FL420	276/030	-50	FL420	287/030	-54
FL400	197/089	-60	FL400	215/032	-52	FL400	277/031	-50	FL400	285/031	-55
FL380	194/104	-60	FL380	211/035	-52	FL380	277/033	-49	FL380	282/034	-55
FL360	190/116	-58	FL360	207/042	-54	FL360	277/033	-50	FL360	277/039	-54
FL340	187/129	-55	FL340	204/049	-56	FL340	276/034	-50	FL340	273/044	-53
BGR			(DESCENT)								
FL420	257/025	-56	FL370	275/079	-58						
FL400	251/027	-57	FL300	278/066	-46						
FL380	246/030	-57	FL220	274/049	-27						

FL360 244/035 -56 15000 277/033 -15
FL340 242/041 -55 7000 258/006 -7

END FLIGHTPLAN 03577 TCC321A PJTGC OMAA-KBOS 01DEC2019

[ATC FLIGHTPLAN]

(FPL-TCC321A-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-OMAA2010
-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
ELGOX/N0480F360 P193 VAGON 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/PJTGC
EET/OBBB0020 OKAC0057 ORBB0112 LTAA0217 LTBB0341 LBSR0349
LRBB0412 LHCC0453 LZBB0502 EPWW0511 EDUU0550 EDVV0611 EKDK0626
EGPX0650 EGGX0808 BIRD0836 62N020W0857 CZQX0941 59N040W1031
57N050W1117 CZUL1231 CZQM1301 KZBW1310
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/C
RALT/CYYR BIKF
RMK/TCAS
-E/1652)

[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 011500Z 30020G25KT 15SM DRSN SCT033 M07/M13 A2956 RMK SC4 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 ELBOX
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 OF 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

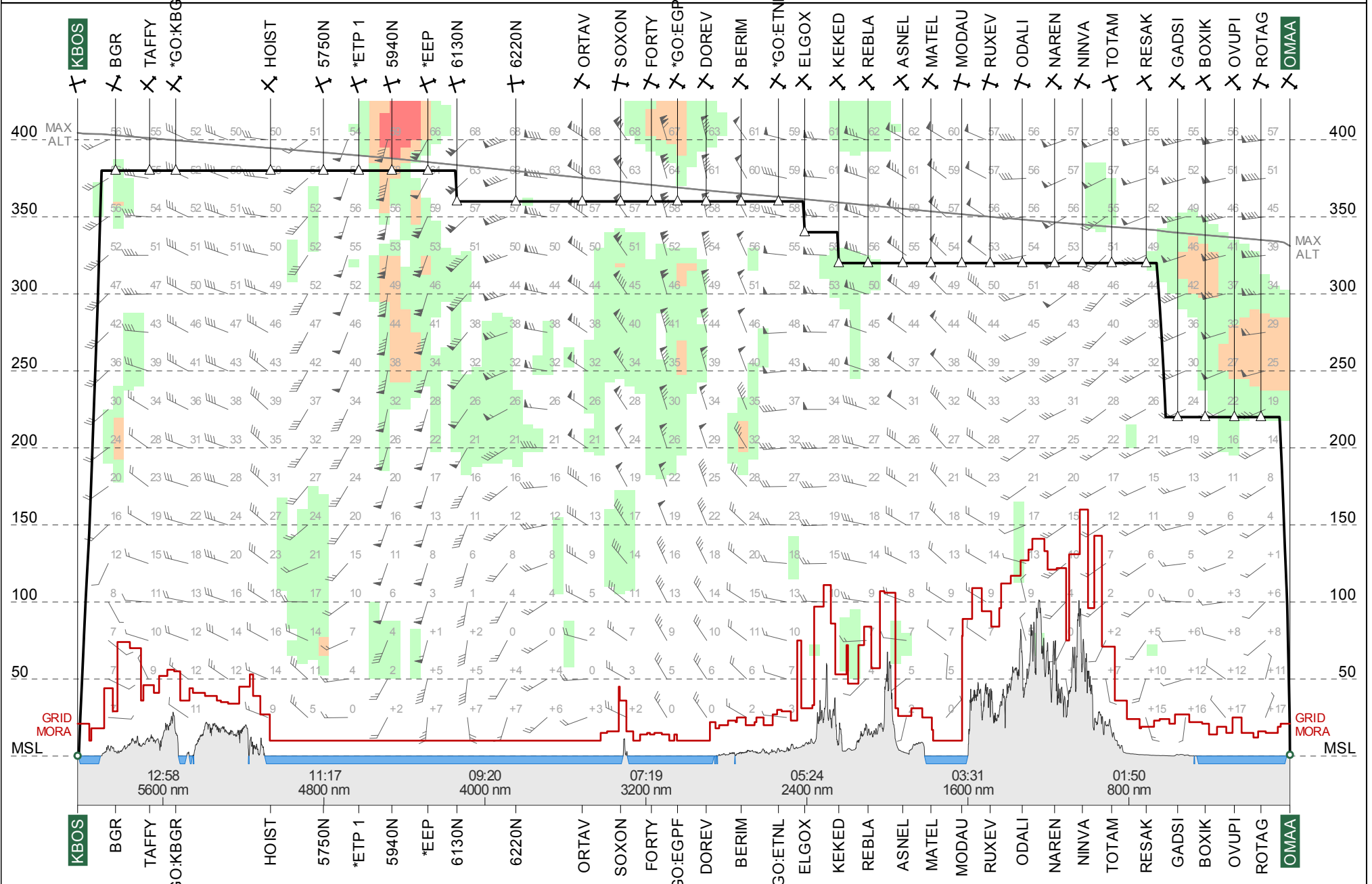
ICAO NAT DOC 007 6.8 FOR MORE INFO.-

END OF PART THREE OF THREE PARTS)

TR321A #1

KBOS OMAA

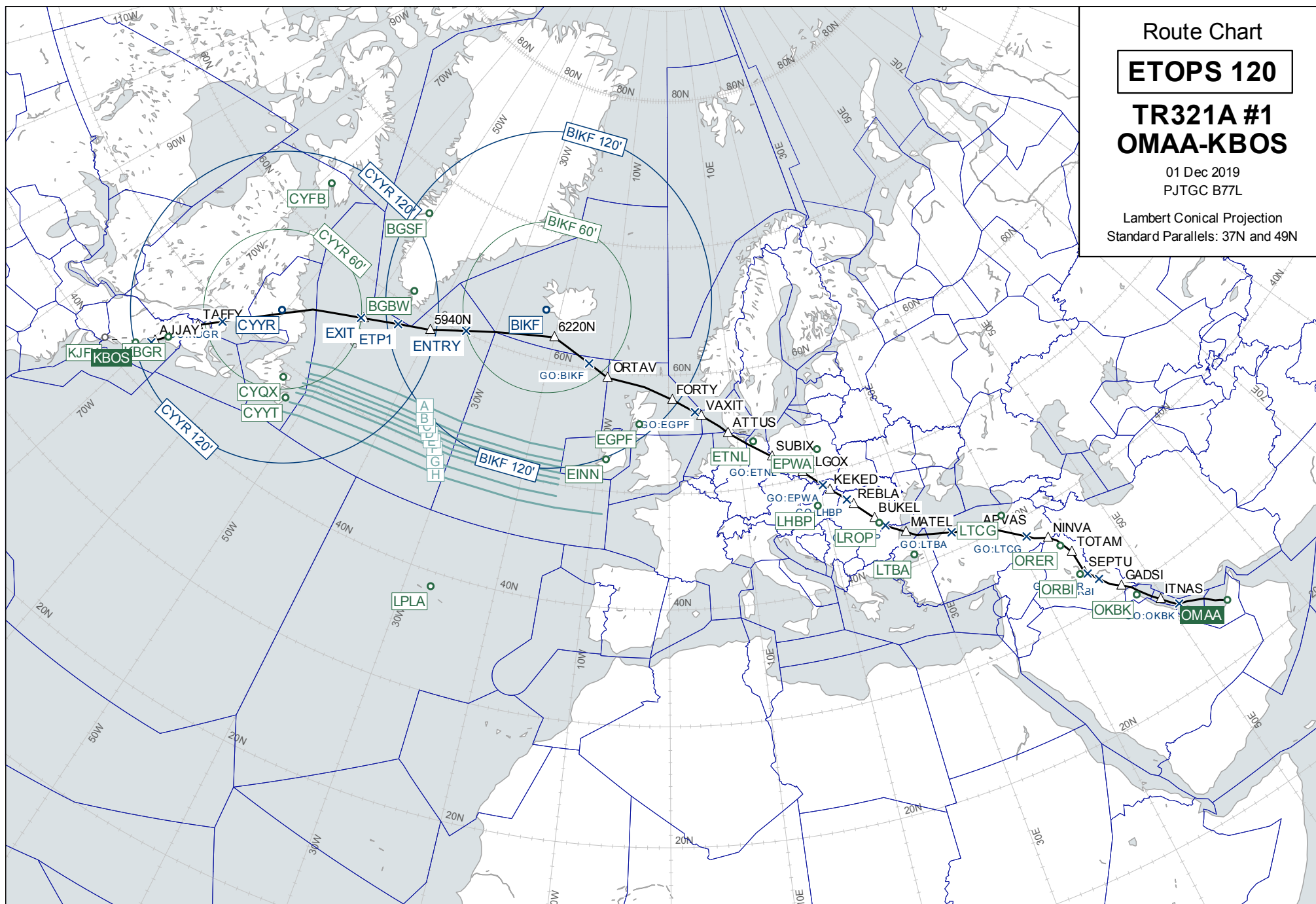
ETD 01 Dec 20:10z
PJTGC B77L

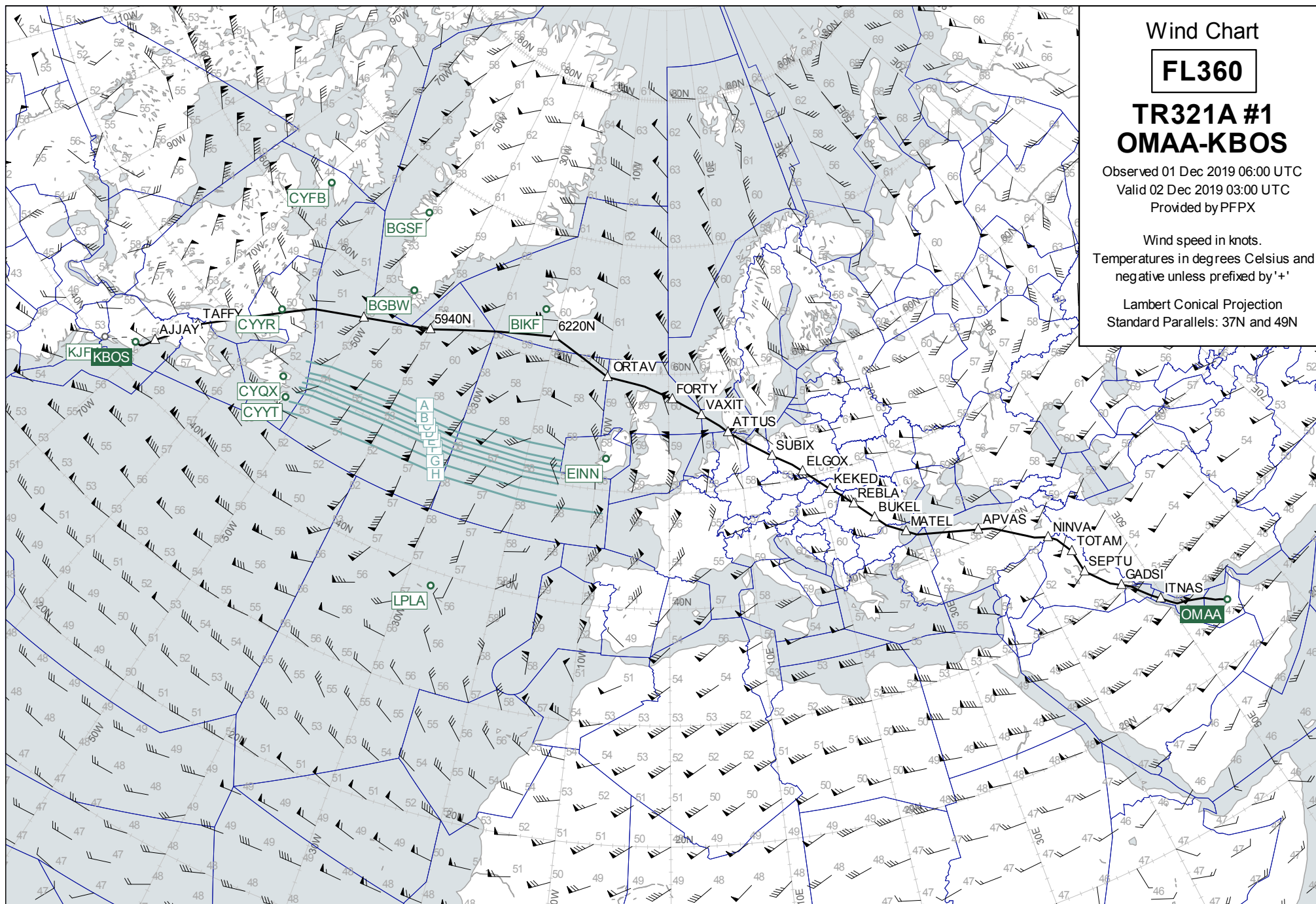


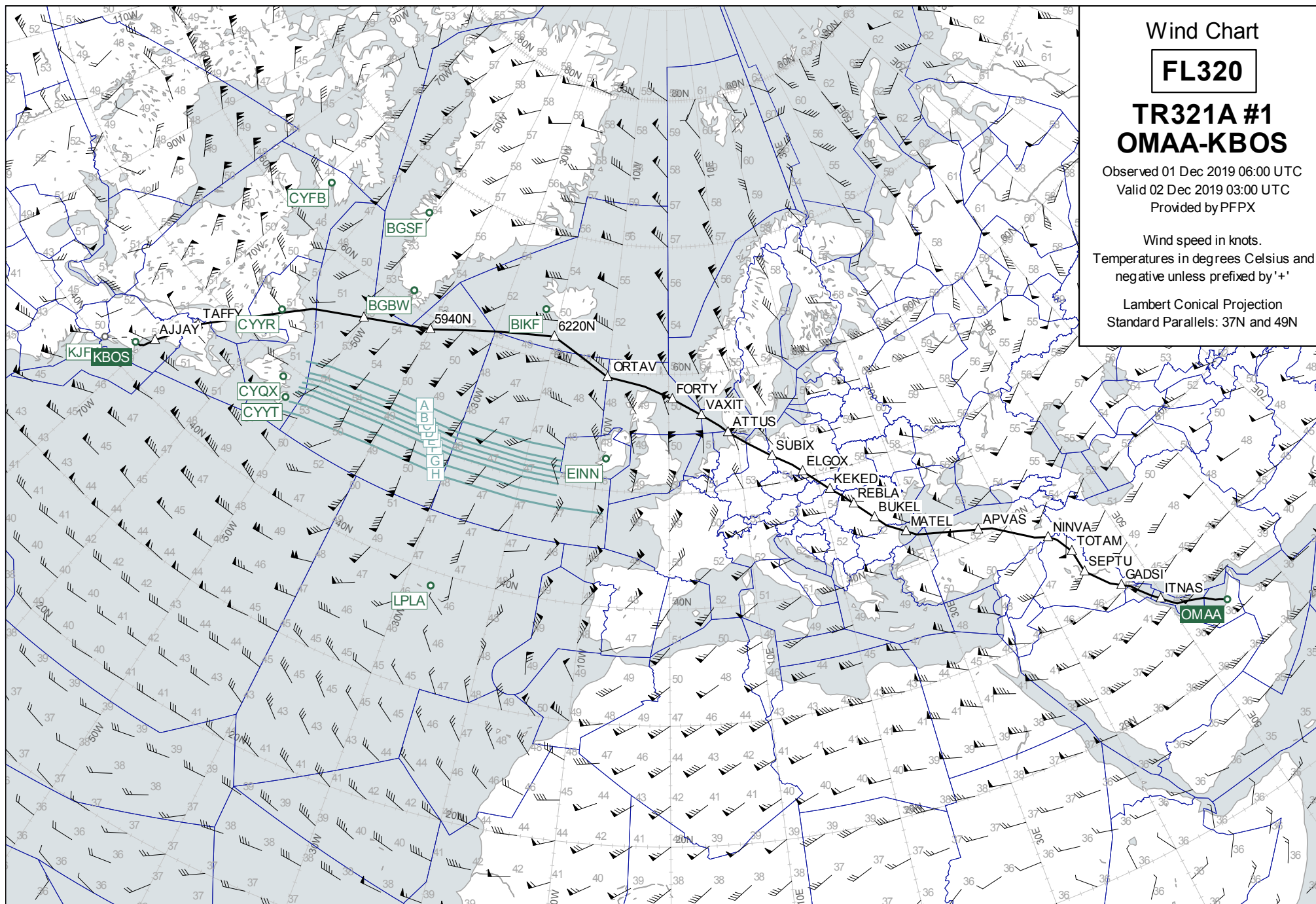
TR321A #1
OMAA-KBOS

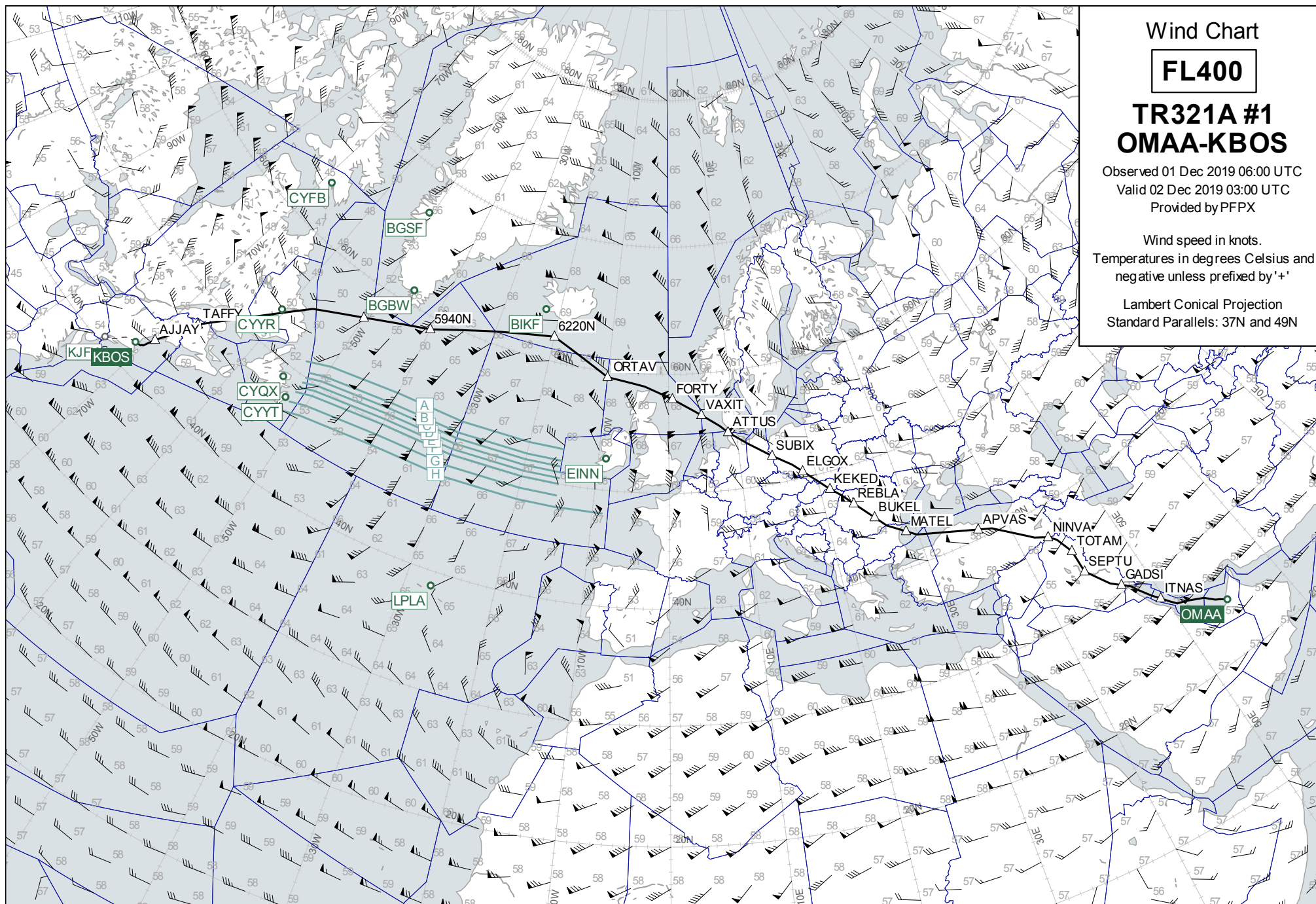
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 37N and 49N









Destination Area

FL150

TR321A #1 OMAA-KBOS

Observed 01 Dec 2019 06:00 UTC

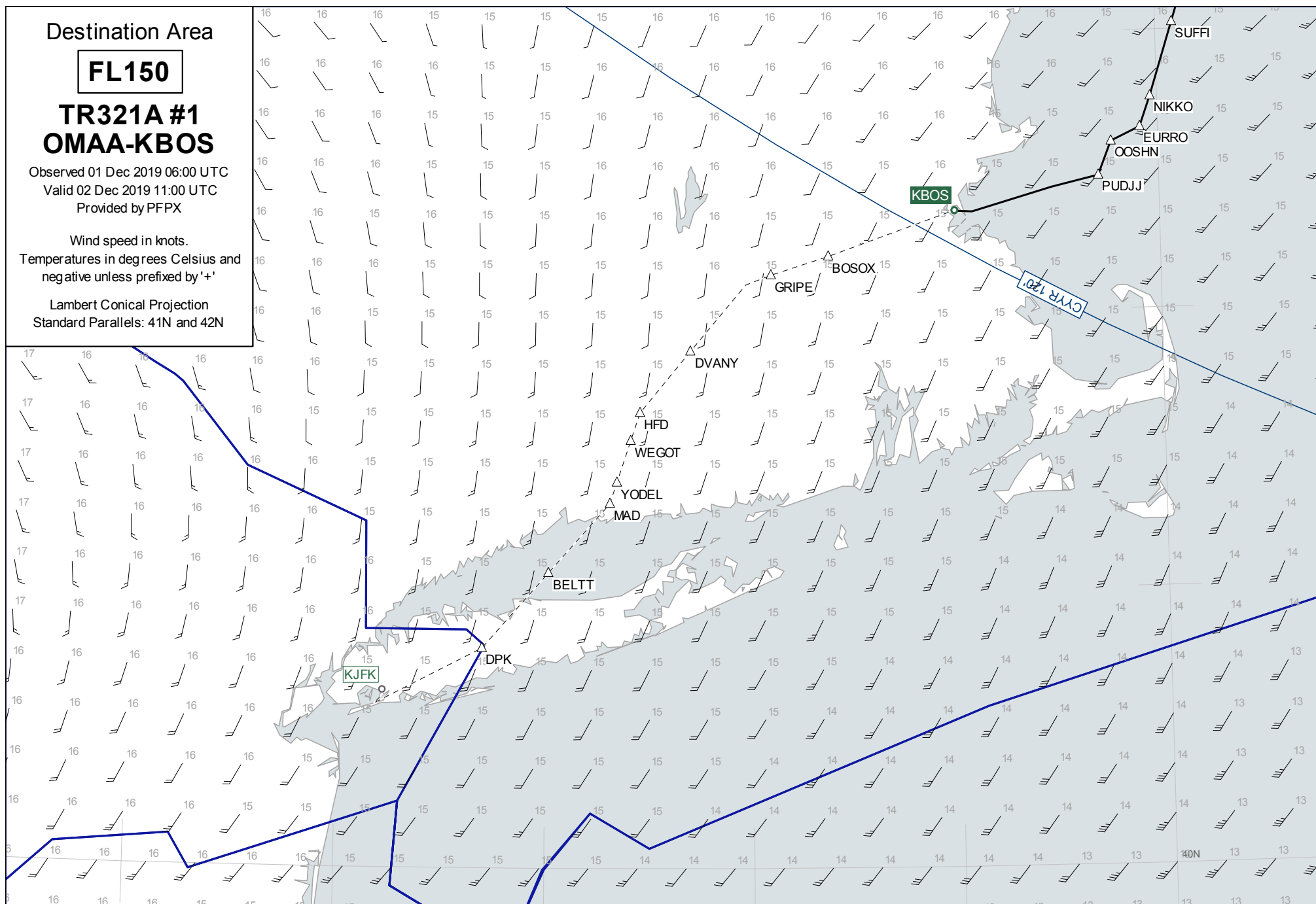
Valid 02 Dec 2019 11:00 UTC

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 TR321A #1 OMAA-KBOS

01 Dec 2019
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 53N and 58N

