



Tradewind VA



Flight Briefing Package

TCC322B OMAA-KMSP

12-Dec-2021 #2

RELEASE #2

ABU DHABI INTL
(UNITED ARAB EMIRATES)

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MINNEAPOLIS-ST PAUL INTL/WOLD-
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

12 DEC 1404 UTC

TCC322B OMAA-KMSP (12-Dec-2021) #2

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC322B PJTGD OMAA-KMSP

ALL WEIGHTS IN KILOGRAMS (KG)

STD 12DEC/1745Z

OFP 2 - PREPARED 12DEC/1404Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR322B/TCC322B PJTGD/B777-2LR GE SEL/EFAD ROUTE: OMAAKMSP01

DEP: OMAA/AUH 31L ELEV 83 FT COST INDEX: 250 TTL G/C DIST: 6296 NM
ARR: KMSP/MSP 30R ELEV 842 FT INIT ALT: FL260 TTL F/P DIST: 6719 NM
FUEL BIAS: 102.5% TTL AIR DIST: 7409 NM
AVG WIND CMP: HD045 KT

ALT: KORD/ORD 22R ELEV 680 FT 296 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156746	264	0	26136	21199 LDW	MAX 209106	360000	223167
						PLN 182882	320037	201968
						ACT .....	.....	.....

** TAKE-OFF DATA OMAA 31L **

COND: 320037 KG // RWY DRY // +25°C Q1017 320/11 // LMT: CLIMB
CONFIG: FLAPS 5 // D-TO +45C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=170 VR=176 V2=178
ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	118069	.....	15:15	
CONT 5%	5903	.....	00:56	
ALTN KORD	4799	.....	00:41	
FINAL RESV	3157	.....	00:30	
HOLD	2103	.....	00:20	
ADD FUEL	1547	.....	00:15	
MIN T/O	135578	.....	17:57	.....
EXTRA	1577	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	138160	.....	18:27	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	18416	.....	02:47	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 22776 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1470 KG / 5000 KG TOW DECR: -1831 KG
2000 FT LOWER: +1869 KG / EET 15:10 CLB: 250/310/84 DES: 84/320/250

OMAA	STD 17:45Z/21:45L	ETD 17:45Z	ACT OFBL	EST T/O 18:00Z	ACT T/O
KMSP	STA 09:50Z/03:50L	ETA 09:25Z	ACT ONBL	EST LDG 09:15Z	ACT LDG
	SKD 16:05	PLN 15:40	TTL BLCK	EST FLT 15:15	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (EINN)	92 NM BEFORE 5820N	N57 29.4 W017 17.4	EET 08:27
ETOPS EXIT (BIKF)	69 NM BEFORE 5820N	N57 37.3 W017 57.5	EET 08:30

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ETOPS ENTRY (BIKF)	236 NM BEFORE 5940N	N59 04.2 W032 22.4	EET 09:35
ETOPS EXIT (CYR)	248 NM BEFORE HOIST	N56 54.1 W050 24.5	EET 10:59

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (03:23-03:35)
 BIKF (03:24-06:17)
 CYR (05:55-06:17)

ONE ENGINE OUT DECOMP ETP 1 FOR EINN/BIKF	N57 35.6 W017 48.5	EET 08:29
84/320/250 DESC TO FL100 CRUISE AT 1E0320	74 NM BEFORE 5820N	
PLN FUEL OVER ETP 63747 ETP FUEL REQ 10335	DIV TIME 01:07	
ETP TO EINN (N52 42.1 W008 55.5) DIST 423 NM	WC TL018 TT 130	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 409 NM	WC TL010 TT 342	
*** FUEL DUMP REQUIRED ***		

ALL ENGINE DECOMP ETP 1 FOR EINN/BIKF	N57 35.6 W017 48.5	EET 08:29
84/320/250 DESC TO FL100 CRUISE AT AE320	74 NM BEFORE 5820N	
PLN FUEL OVER ETP 63747 ETP FUEL REQ 9867	DIV TIME 01:07	
ETP TO EINN (N52 42.1 W008 55.5) DIST 423 NM	WC TL018 TT 130	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 409 NM	WC TL010 TT 342	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT ETP 1 FOR EINN/BIKF	N57 35.7 W017 49.4	EET 08:29
1E084/320 DESC TO FL250 CRUISE AT 1E0320	74 NM BEFORE 5820N	
PLN FUEL OVER ETP 63739 ETP FUEL REQ 10605	DIV TIME 00:55	
ETP TO EINN (N52 42.1 W008 55.5) DIST 424 NM	WC TL026 TT 130	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 409 NM	WC TL013 TT 342	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/CYR	N58 27.5 W043 15.1	EET 10:25
84/320/250 DESC TO FL100 CRUISE AT 1E0320	234 NM BEFORE 5750N	
PLN FUEL OVER ETP 49628 ETP FUEL REQ 16202	DIV TIME 01:51	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 679 NM	WC TL009 TT 052	
ETP TO CYR (N53 19.2 W060 25.6) DIST 654 NM	WC HD003 TT 249	

ALL ENGINE DECOMP ETP 2 FOR BIKF/CYR	N58 27.5 W043 15.1	EET 10:25
84/320/250 DESC TO FL100 CRUISE AT AE320	234 NM BEFORE 5750N	
PLN FUEL OVER ETP 49628 ETP FUEL REQ 15466	DIV TIME 01:51	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 679 NM	WC TL009 TT 052	
ETP TO CYR (N53 19.2 W060 25.6) DIST 654 NM	WC HD003 TT 249	

ONE ENGINE OUT ETP 2 FOR BIKF/CYR	N58 24.7 W043 30.4	EET 10:27
1E084/320 DESC TO FL268 CRUISE AT 1E0320	225 NM BEFORE 5750N	
PLN FUEL OVER ETP 49491 ETP FUEL REQ 15382	DIV TIME 01:28	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 687 NM	WC TL019 TT 052	
ETP TO CYR (N53 19.2 W060 25.6) DIST 645 NM	WC HD010 TT 249	

ATC ROUTE: N0486F260 BOSE1K BOSEV N563 ALPOB L768 RAF/N0503F300 L768 AAR V45
 TRF R652 GRY/N0499F310 N318 GENEX/N0495F320 N318 MOUAB L53 SUVAS
 N128 OTHON UN128 RDS UL609 MES UG18 DIKNI/N0490F340 UG18 FSK UL608
 DISOR DCT LONTA UL608 DOLEV DCT RADLY DCT SIMBA DCT EXITI DCT GASKA
 L604 MAPOX DCT SPY L602 MIMVA DCT OTBED DCT NISBI DCT DOPEK DCT
 ARTIX DCT MOGMO DCT MAMUL L60 PENIL L10 KELLY DCT APSOV DCT
 SUNOT/M085F360 DCT 58N020W 59N030W 59N040W 57N050W/N0498F370 DCT

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HOIST DCT OMTOL/N0500F380 N584B MT DCT SSM J101 GRB EAU9

ALTERNATE PLANNING

 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KORD/22R 296 FL350 042 TL061 00:41 4799 - JVL JVL1

MOST CRITICAL MORA 13400 FT AT SIMBA

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WIND/SPD	FREQ TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
	OMAA/31L ABU DHABI INTL		83 021				137.2 / 1.0 N2425.3 E05440.0	6719	/.....	
BOSE1K	AA820	306	*CLB 021 P10	357/009	10 6709		135.4 / 2.8 N2431.5 E05431.4	04 00.04	/.....	
BOSE1K	OBTOL	306	*CLB 021 P11	314/014	8 6701		134.8 / 3.3 N2436.4 E05424.4	02 00.06	/.....	
BOSE1K	PUXUT	306	*CLB 021 P11	302/018	3 6698		134.7 / 3.5 N2438.2 E05421.8	00 00.06	/.....	
BOSE1K	BOSEV	306	*CLB 021 P10	287/038	20 6679		133.7 / 4.5 N2450.2 E05404.8	03 00.09	/.....	
N563	ITKEV	299	*CLB 021 P08	288/051	21 6658		132.8 / 5.4 N2501.1 E05345.4	03 00.12	/.....	
N563	*TOC	313	FL260 015 P07	289/052	487 5 441 6654		132.6 / 5.6 N2504.4 E05341.9	01 00.13	/.....	
N563	KUSBA	313	FL260 015 P07	290/053	486 17 438 6637		132.3 / 5.9 N2516.6 E05328.8	02 00.15	/.....	
N563	TAGDU	313	FL260 015 P07	291/053	486 9 438 6628		132.1 / 6.1 N2523.0 E05321.9	01 00.16	/.....	
N563	IMGUX	313	FL260 015 P07	291/053	486 10 437 6618		131.9 / 6.3 N2529.8 E05314.5	02 00.18	/.....	
N563 -OB BB	ALPOB	313	FL260 015 P07	292/053	486 17 437 6600		131.5 / 6.7 N2542.3 E05300.9	02 00.20	/.....	
L768	ROTAG	295	FL260 016 P07	294/054	486 25 432 6575		131.0 / 7.2 N2553.9 E05236.4	04 00.24	/.....	
L768	ITMUB	294	FL260 016 P07	295/054	486 12 432 6563		130.7 / 7.4 N2559.3 E05224.0	01 00.25	/.....	
L768	MODOG	294	FL260 016 P07	297/054	486 25 431 6539		130.2 / 8.0 N2610.2 E05159.6	04 00.29	/.....	
L768	RAMKI	294	FL260 015 P07	297/054	486 3 431 6535		130.1 / 8.0 N2611.6 E05156.4	00 00.29	/.....	

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L768	RABLA	293	FL260	015	486	8	130.0 / 8.2	01	00.30
			P07	297/054	431	6527	N2615.1 E05148.6	/.....	
L768	SOLOB	294	FL260	015	486	17	129.6 / 8.6	03	00.33
			P07	298/054	431	6510	N2622.7 E05131.5	/.....	
L768	ALREP	287	FL260	015	486	9	129.4 / 8.7	01	00.34
			P07	298/054	432	6501	N2625.7 E05122.2	/.....	
L768	ORDIG	287	FL260	015	486	6	129.3 / 8.9	01	00.35
			P07	298/054	432	6496	N2627.6 E05116.1	/.....	
L768	MEDMA	287	FL260	025	486	20	128.9 / 9.3	03	00.38
			P07	298/054	432	6476	N2634.4 E05054.9	/.....	
L768	OBMON	286	FL260	025	486	13	128.6 / 9.6	01	00.39
			P07	298/053	432	6463	N2638.5 E05041.4	/.....	
L768	EGMOR	285	FL260	025	486	12	128.4 / 9.8	02	00.41
			P07	298/052	433	6451	N2642.2 E05029.1	/.....	
L768 -OEJD	ULADA	283	FL260	025	486	12	128.1 / 10.0	02	00.43
			P07	298/051	434	6439	N2645.5 E05016.4	/.....	
	OEPA	285	FL260	025	486	6	128.0 / 10.2	00	00.43
			P07	298/044	434	6434	N2647.3 E05010.2	/.....	
L768	ITESA	285	FL260	025	486	9	127.8 / 10.4	02	00.45
			P07	298/051	434	6424	N2650.3 E05000.2	/.....	
L768	JBL JUBAIL	285	FL260	025	112.90	486	127.1 / 11.1	04	00.49
			P07	300/050	436	6391	N2700.7 E04924.7	/.....	
L768	LAKSI	296	FL260	019	485	25	126.6 / 11.6	04	00.53
			P06	301/049	436	6365	N2713.1 E04900.1	/.....	
L768	ITUDA	296	FL260	023	486	44	125.7 / 12.5	06	00.59
			P06	297/048	437	6321	N2734.5 E04816.8	/.....	
L768	IVOBA	296	FL260	023	485	15	125.4 / 12.8	02	01.01
			P07	296/048	437	6307	N2741.6 E04802.3	/.....	
L768	COPPI	295	FL260	028	486	19	125.0 / 13.2	02	01.03
			P06	297/048	437	6288	N2750.6 E04744.0	/.....	
L768	DUSBO	286	FL260	028	485	48	124.0 / 14.1	07	01.10
			P06	297/046	438	6240	N2806.3 E04652.9	/.....	
L768	HFR HAFR AL	287	FL260	028	113.10	485	123.1 / 15.0	06	01.16
	BATIN AL QAI		P06	296/043	441	6197	N2821.4 E04607.1	/.....	
L768	VATIM	289	FL260	034	485	78	121.6 / 16.6	11	01.27
			P06	294/041	444	6119	N2851.6 E04444.7	/.....	
L768	RAF RAFHA	301	*CLB	034	116.80	80	120.0 / 18.2	10	01.37
			P06	288/041	6039		N2937.2 E04329.9	/.....	

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L768	AAR ARAR	299	FL300	038	113.30	503	145	116.8 / 21.4	19	01.56
				P04	279/050	455	5894	N3054.5 E04108.5	/.....	
	LLBG	287	FL300	042			36	116.1 / 22.1	05	02.01
				P03	252/043		5858	N3107.6 E04029.4	/.....	
V45	BONIS	286	FL300	047		503	52	115.1 / 23.1	07	02.08
				P04	268/048	457	5806	N3126.0 E03933.2	/.....	
V45	TRF TURAIF	286	FL300	052	116.10	503	45	114.2 / 24.0	06	02.14
				P03	262/048	459	5762	N3141.8 E03844.1	/.....	
R652	GRY GURIAT	253	*CLB	058	114.70		76	112.7 / 25.5	10	02.24
				P03	261/050		5686	N3124.8 E03717.2	/.....	
N318 -OJAC	GENEX	284	*CLB	058			15	112.3 / 25.8	02	02.26
				P02	260/053		5671	N3129.6 E03700.9	/.....	
N318	ELOXI	284	FL320	058		495	14	112.0 / 26.2	02	02.28
				P01	259/056	445	5657	N3134.0 E03645.6	/.....	
N318	KINUR	284	FL320	047		495	8	111.9 / 26.3	01	02.29
				P01	259/057	444	5649	N3136.4 E03637.2	/.....	
N318	ALNOR	284	FL320	047		495	11	111.6 / 26.5	01	02.30
				P01	258/057	444	5639	N3139.9 E03625.1	/.....	
N318	QAA01	284	FL320	047		495	14	111.4 / 26.8	02	02.32
				P01	258/058	444	5624	N3144.4 E03609.5	/.....	
N318	MOUAB	272	FL320	057		495	29	110.8 / 27.4	04	02.36
				P01	255/059	439	5596	N3148.0 E03536.0	/.....	
L53	MUVIN	285	FL320	057		495	3	110.7 / 27.4	00	02.36
				P01	255/059	445	5593	N3149.0 E03532.7	/.....	
L53 -LLLL	TALMI	282	FL320	057		495	2	110.7 / 27.5	01	02.37
				P01	255/059	443	5591	N3149.6 E03530.2	/.....	
L53	GOBRI	284	FL320	057		495	7	110.6 / 27.6	01	02.38
				P01	254/059	445	5584	N3151.9 E03522.7	/.....	
L53	ABIMI	284	FL320	057		495	7	110.4 / 27.7	01	02.39
				P01	253/059	445	5576	N3154.3 E03514.6	/.....	
L53	ITERO	284	FL320	057		494	5	110.3 / 27.8	00	02.39
				P01	252/059	445	5571	N3156.1 E03508.5	/.....	
L53	YOGGA	284	FL320	057		494	8	110.2 / 28.0	01	02.40
				P01	251/059	446	5563	N3158.7 E03459.7	/.....	
L53	BGN BEN GURION TEL AVIV	284	FL320	042	113.50	494	6	110.0 / 28.1	01	02.41
				P01	251/059	446	5557	N3200.8 E03452.5	/.....	
L53	ORLEV	269	FL320	025		495	12	109.8 / 28.4	02	02.43
				P01	250/061	439	5544	N3201.6 E03438.2	/.....	
L53	TAPUZ	269	FL320	025		495	6	109.7 / 28.5	01	02.44

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				P01 249/061 438 5539	N3202.0 E03431.4	/.....		
L53	PURLA	269	FL320	025 495 15	109.4 / 28.8	02 02.46		
				P00 248/063 438 5524	N3202.9 E03413.8	/.....		
L53	SUVAS	296	FL320	025 494 14	109.1 / 29.0	02 02.48		
-LCCC				P00 248/064 453 5510	N3210.2 E03359.6	/.....		
N128	TEZAK	300	FL320	010 493 136	106.6 / 31.6	17 03.05		
				M00 240/072 456 5374	N3327.8 E03147.2	/.....		
N128	USEBE	299	FL320	010 493 52	105.6 / 32.6	07 03.12		
				M00 237/068 462 5321	N3357.2 E03055.1	/.....		
N128	OTHON	299	FL320	010 493 55	104.6 / 33.6	07 03.19		
-LGGG				M00 235/067 463 5266	N3427.4 E03000.0	/.....		
UN128	VAXOS	310	FL320	010 492 46	103.8 / 34.4	06 03.25		
				M00 234/064 476 5220	N3459.6 E02920.1	/.....		
	LGAV	318	FL320	010 3	103.7 / 34.4	01 03.26		
				P00 227/060 5217	N3502.3 E02917.6	/.....		
UN128	FOXLI	318	FL320	059 492 74	102.5 / 35.7	09 03.35		
				M00 230/063 490 5143	N3601.1 E02823.2	/.....		
UN128	RDS	318	FL320	059 115.80 492 24	102.0 / 36.1	03 03.38		
RODOS				M00 229/068 490 5119	N3620.4 E02804.9	/.....		
UL609	*BDRY	312	FL320	059 492 25	101.6 / 36.5	03 03.41		
-LTBB				M01 227/073 485 5094	N3638.4 E02744.1	/.....		
UL609	*BDRY	312	FL320	077 492 45	100.8 / 37.3	05 03.46		
-LGGG				M01 225/082 486 5049	N3711.0 E02705.7	/.....		
UL609	LARKI	311	FL320	077 492 18	100.5 / 37.6	02 03.48		
				M01 224/087 487 5032	N3723.9 E02650.3	/.....		
UL609	URNIL	314	FL320	060 492 23	100.2 / 38.0	03 03.51		
				M01 222/091 492 5009	N3741.1 E02631.7	/.....		
UL609	IKARO	314	FL320	060 492 14	99.9 / 38.2	02 03.53		
				M00 221/093 494 4995	N3752.0 E02619.9	/.....		
UL609	PIPEN	314	FL320	060 492 16	99.7 / 38.5	02 03.55		
				M01 220/094 495 4979	N3803.7 E02607.0	/.....		
UL609	MES	314	FL320	056 117.60 492 15	99.4 / 38.8	02 03.57		
MESTA				M00 220/093 496 4964	N3815.1 E02554.4	/.....		
UG18	NEMIS	318	FL320	055 492 9	99.2 / 38.9	01 03.58		
				M00 220/091 503 4955	N3822.4 E02547.3	/.....		
UG18	MOCNA	317	FL320	055 492 6	99.2 / 39.0	00 03.58		
				M00 219/090 504 4949	N3826.8 E02543.0	/.....		
UG18	LUPIS	317	FL320	055 492 58	98.2 / 40.0	07 04.05		
				M00 218/080 505 4891	N3912.6 E02457.5	/.....		

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UG18	GIKAS	317	FL320	031	492	22	97.8 / 40.3	03	04.08
				M00	217/072	505 4869	N3930.0 E02440.0	/.....	
UG18	DIKNI	317	*CLB	093		108	96.1 / 42.1	13	04.21
				P00	221/025	4761	N4054.0 E02312.4	/.....	
UG18	FSK	316	FL340	122	116.40	490 15	95.7 / 42.4	02	04.23
	FISKA			P03	226/019	491 4746	N4105.9 E02259.5	/.....	
UL608	DISOR	305	FL340	098	490	14	95.5 / 42.7	01	04.24
-LWSS				P03	234/015	487 4732	N4114.8 E02245.5	/.....	
DCT	LONTA	307	FL340	111	489	82	94.1 / 44.0	11	04.35
				P02	351/012	480 4650	N4209.6 E02123.8	/.....	
UL608	DOLEV	305	FL340	113	489	63	93.1 / 45.1	08	04.43
-LYBA				P01	002/029	473 4587	N4250.0 E02018.7	/.....	
	LOWW	313	FL340	113		43	92.3 / 45.8	05	04.48
				M00	009/059	4545	N4321.8 E01939.6	/.....	
DCT	*BDRY	313	FL340	107	488	17	92.0 / 46.1	02	04.50
-LQSB				M01	016/043	464 4527	N4334.5 E01923.6	/.....	
DCT	*BDRY	313	FL340	107	485	130	89.7 / 48.4	17	05.07
-LDZO				M04	022/081	448 4397	N4509.2 E01719.6	/.....	
DCT	*BDRY	312	FL340	087	485	92	88.1 / 50.1	13	05.20
-LJLA				M04	016/084	441 4306	N4614.6 E01547.8	/.....	
DCT	RADLY	311	FL340	087	485	35	87.5 / 50.7	04	05.24
-LOWV				M05	011/077	439 4271	N4638.8 E01512.6	/.....	
DCT	SIMBA	313	FL340	134	485	130	85.1 / 53.1	18	05.42
-EDUU				M05	353/049	444 4141	N4813.8 E01301.0	/.....	
DCT	EXITI	318	FL340	072	485	102	83.3 / 54.9	14	05.56
				M05	338/039	447 4038	N4933.8 E01124.4	/.....	
	EHAM	314	FL340	049		57	82.3 / 55.9	08	06.04
				M06	300/029	3982	N5015.7 E01024.6	/.....	
DCT	GASKA	314	FL340	049	485	8	82.1 / 56.0	01	06.05
				M05	321/030	453 3974	N5021.1 E01016.7	/.....	
L604	ALIBU	306	FL340	049	485	2	82.1 / 56.1	00	06.05
				M05	321/030	455 3972	N5022.6 E01013.8	/.....	
L604	BIBEG	311	FL340	049	485	5	82.0 / 56.1	01	06.06
				M05	319/029	455 3967	N5026.1 E01008.2	/.....	
L604	DEMAB	309	FL340	049	485	9	81.9 / 56.3	01	06.07
				M05	315/028	455 3957	N5032.5 E00957.4	/.....	
L604	OBISI	307	FL340	048	485	12	81.7 / 56.5	02	06.09
				M05	311/027	456 3946	N5039.8 E00943.4	/.....	

TCC322B OMAA-KMSP (12-Dec-2021) #2

L604	MASEK	306	FL340	048	485	6	81.6 / 56.6	00	06.09
				M05	308/027	457 3940	N5043.8 E00935.9	/.....	
L604	EDEGA	306	FL340	048	485	29	81.1 / 57.1	04	06.13
				M05	296/025	459 3911	N5102.1 E00900.5	/.....	
L604	MAPOX	306	FL340	043	485	9	80.9 / 57.3	01	06.14
				M05	295/025	460 3901	N5108.0 E00848.8	/.....	
DCT	*BDRY	298	FL340	043	485	11	80.7 / 57.4	02	06.16
-EDVV				M05	294/026	459 3890	N5113.9 E00833.5	/.....	
DCT	*BDRY	298	FL340	043	486	80	79.4 / 58.8	10	06.26
-EHAA				M04	301/030	458 3810	N5154.3 E00643.2	/.....	
DCT	SPY	297	FL340	024	113.30	486 79	78.0 / 60.1	11	06.37
	SPIJKERBOOR			M05	284/033	453 3732	N5232.4 E00451.2	/.....	
L602	BERGI	303	FL340	017	486	22	77.6 / 60.5	03	06.40
				M05	277/034	454 3710	N5244.9 E00421.5	/.....	
L602	AMGOD	298	FL340	017	486	28	77.2 / 61.0	03	06.43
				M05	268/036	453 3682	N5258.5 E00341.1	/.....	
L602	SUPUR	298	FL340	014	486	5	77.1 / 61.1	01	06.44
				M05	266/037	453 3677	N5300.9 E00333.9	/.....	
L602	MIMVA	297	FL340	014	486	11	76.9 / 61.3	01	06.45
-EGTT				M05	262/038	454 3666	N5306.1 E00318.2	/.....	
DCT	OTBED	276	FL340	018	486	118	74.9 / 63.3	16	07.01
				M05	233/046	450 3547	N5317.3 E00001.9	/.....	
DCT	NISBI	280	FL340	028	486	25	74.4 / 63.7	03	07.04
				M05	231/054	448 3522	N5321.5 W00039.4	/.....	
	EGCC	280	FL340	028		2	74.4 / 63.8	01	07.05
				M05	264/041	3520	N5321.9 W00043.4	/.....	
DCT	DOPEK	280	FL340	028	486	7	74.3 / 63.9	01	07.06
				M05	230/057	447 3513	N5323.1 W00055.5	/.....	
DCT	ARTIX	280	FL340	036	486	4	74.2 / 64.0	00	07.06
				M05	230/058	446 3509	N5323.7 W00102.2	/.....	
DCT	MOGMO	279	FL340	036	486	6	74.1 / 64.1	01	07.07
				M05	230/058	445 3502	N5324.7 W00112.9	/.....	
DCT	MAMUL	279	FL340	036	486	2	74.0 / 64.1	01	07.08
				M05	230/058	445 3500	N5325.1 W00116.8	/.....	
L60	ADELU	279	FL340	036	486	9	73.9 / 64.3	01	07.09
				M05	230/059	445 3490	N5326.5 W00132.2	/.....	
L60	BOLBI	279	FL340	036	486	10	73.7 / 64.4	01	07.10
				M05	229/059	445 3480	N5328.0 W00148.8	/.....	
L60	SONEX	279	FL340	036	486	13	73.5 / 64.7	02	07.12

TCC322B OMAA-KMSP (12-Dec-2021) #2

				M05 230/060	444 3467	N5329.9 W00210.4	/.....
L60	PENIL	279	FL340	047	487 54	72.6 / 65.6	07 07.19
				M05 236/070	433 3414	N5337.0 W00339.8	/.....
L10	CASEL	307	FL340	048	486 23	72.2 / 66.0	03 07.22
				M05 237/077	456 3391	N5349.9 W00411.0	/.....
L10	KELLY	306	FL340	048	486 8	72.0 / 66.1	01 07.23
				M05 236/080	451 3383	N5354.3 W00421.9	/.....
	EINN	305	FL340	048	31	71.5 / 66.7	04 07.27
				M04 251/076	3352	N5411.2 W00506.9	/.....
DCT -EGPX	*BDRY	304	FL340	040	419 16	71.2 / 66.9	03 07.30
				M05 233/093	383 3336	N5419.7 W00530.1	/.....
DCT -EISN	*BDRY	304	FL340	040	487 77	69.9 / 68.2	10 07.40
				M04 225/090	450 3259	N5459.4 W00723.4	/.....
DCT -EGPX	*BDRY	304	FL340	038	488 36	69.3 / 68.8	05 07.45
				M02 223/082	458 3223	N5517.6 W00818.4	/.....

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	APSOV	303	FL340	038	490 66	68.2 / 69.9	08 07.53
				M01 221/070	468 3157	N5549.4 W01000.0	/.....
DCT	SUNOT	299	*CLB	010	181	65.4 / 72.8	23 08.16
				M00 231/040	2976	N5700.0 W01500.0	/.....

ETOPS ENTRY (EINN) 0092 NM BEFORE 5820N EET 08:27

*ETP 1	299	FL360	010	489 98	63.7 / 74.4	13 08.29
EINN/BIKF		P04 259/034	463 2878	N5735.7 W01749.4	/.....	

ETOPS EXIT (BIKF) 0069 NM BEFORE 5820N EET 08:30

DCT	5820N 58N020W	298	FL360	010	490 74	62.6 / 75.6	10 08.39
				P04 277/042	453 2804	N5800.0 W02000.0	/.....
DCT -CZQX	5930N 59N030W	295	*DES	010	319	57.1 / 81.1	45 09.24
				P01 277/089	2485	N5900.0 W03000.0	/.....
DCT	*TOD	289	FL350	010	493 3	57.1 / 81.1	00 09.24
				M00 276/102	404 2482	N5900.2 W03005.3	/.....

ETOPS ENTRY (BIKF) 0236 NM BEFORE 5940N EET 09:35

DCT	5940N 59N040W	288	*CLB	010	307	51.4 / 86.7	46 10.10
				P00 232/077	2175	N5900.0 W04000.0	/.....

TCC322B OMAA-KMSP (12-Dec-2021) #2

	*ETP 2	272	FL360	010		492	106		49.6 / 88.5	15	10.25
	BIKF/CYYR			P04	232/057	432	2069		N5827.5 W04315.1	/.....	
DCT	5750N	270	*CLB	010			234		46.0 / 92.2	32	10.57
	57N050W			P09	221/041		1835		N5700.0 W05000.0	/.....	
----- ETOPS EXIT (CYYR) 0248 NM BEFORE HOIST EET 10:59 -----											
DCT	HOIST	267	FL370	010		498	263		42.1 / 96.1	34	11.31
				P11	237/028	469	1572		N5502.0 W05700.0	/.....	
DCT	*BDRY	273	FL370	044		501	292		37.9 / 100.2	37	12.08
-CZUL				P13	282/033	475	1280		N5316.7 W06444.8	/.....	
	CYBG	265	FL370	045			140		36.0 / 102.2	17	12.25
				P13	280/050		1141		N5216.1 W06813.2	/.....	
DCT	OMTOL	262	*CLB	049			150		33.8 / 104.3	20	12.45
				P14	285/048		990		N5105.0 W07145.0	/.....	
N584B	MT	252	FL380	041	209.0	500	130		31.9 / 106.2	16	13.01
	CHIBOO CHIBOUGAMAU			P12	284/061	459	860		N4948.0 W07429.7	/.....	
DCT	*BDRY	261	FL380	035		497	221		28.7 / 109.5	30	13.31
-CZYZ				P08	289/085	436	639		N4812.7 W07933.8	/.....	
	KSAW	254	FL380	037			75		27.5 / 110.6	11	13.42
				P03	283/113		564		N4737.3 W08113.1	/.....	
DCT	*BDRY	252	FL380	036		494	138		25.4 / 112.8	20	14.02
-KZMP				P04	285/115	410	426		N4629.3 W08407.9	/.....	
DCT	SSM	247	FL380	036	112.20	494	9		25.2 / 112.9	01	14.03
	SAULT STE MARIE			P04	285/116	408	417		N4624.7 W08418.9	/.....	
J101	GRB	245	FL380	036	115.50	492	198		22.0 / 116.1	30	14.33
	GREEN BAY			P01	277/122	395	219		N4433.3 W08811.7	/.....	
EAU9	PAKKR	284	FL380	042		493	82		20.6 / 117.6	13	14.46
				P01	273/121	372	137		N4445.9 W09005.2	/.....	
EAU9	EAU	281	*DES	042	113.65		60		19.8 / 118.4	10	14.56
	EAU CLAIRE			P01	281/117		77		N4453.9 W09128.7	/.....	
	KMSP	287	*DES	042			1		19.8 / 118.4	00	14.56
				M01	272/090		76		N4454.2 W09130.4	/.....	
EAU9	HERMI	287	*DES	042			27		19.7 / 118.5	04	15.00
				P02	274/070		49		N4501.0 W09206.8	/.....	
EAU9	TWINZ	286	*DES	032			8		19.6 / 118.5	02	15.02
				P02	273/055		42		N4502.9 W09217.4	/.....	
EAU9	WOLVS	258	*DES	032			12		19.6 / 118.6	03	15.05
				P02	271/037		29		N4500.3 W09234.4	/.....	
EAU9	LOOON	258	*DES	034			6		19.5 / 118.6	01	15.06

TCC322B OMAA-KMSP (12-Dec-2021) #2

			P02 269/028	23	N4458.9 W09242.7	/.....
EAU9	ZASKY	258	*DES 036	14	19.4 / 118.8	04 15.10
			M03 258/016	9	N4455.8 W09301.9	/.....
EAU9	KMSP/30R	248	842 036	9	19.1 / 119.1	05 15.15
	MINNEAPOLIS-ST PAUL				N4452.9 W09311.7	/.....

TCC322B OMAA-KMSP (12-Dec-2021) #2

WIND INFORMATION - OBS 12/DEC 06:00

(CLIMB)			IMGUX			SOLOB			JBL		
FL250	286/051	-26	FL300	294/063	-39	FL300	301/066	-39	FL300	304/066	-39
FL200	286/039	-15	FL280	293/058	-34	FL280	300/060	-35	FL280	302/058	-35
FL150	296/024	-4	FL260	292/054	-30	FL260	298/054	-30	FL260	301/050	-30
10000	343/012	+7	FL240	290/049	-24	FL240	296/048	-25	FL240	298/042	-25
5000	011/008	+14	FL220	291/044	-20	FL220	298/042	-20	FL220	299/037	-20
COPPI			VATIM			AAR			TRF		
FL300	299/064	-39	FL300	293/051	-40	FL340	272/063	-51	FL340	266/063	-52
FL280	298/057	-35	FL280	294/046	-35	FL320	276/057	-46	FL320	265/056	-47
FL260	298/049	-30	FL260	294/041	-30	FL300	280/051	-40	FL300	263/049	-41
FL240	296/040	-25	FL240	295/036	-25	FL280	279/048	-36	FL280	265/045	-36
FL220	298/035	-20	FL220	296/033	-21	FL260	278/045	-31	FL260	267/041	-31
ELOXI			ORLEV			TEZAK			OTHON		
FL360	260/072	-55	FL360	253/071	-56	FL360	245/076	-56	FL360	238/068	-57
FL340	259/062	-53	FL340	249/062	-53	FL340	243/076	-54	FL340	235/069	-54
FL320	260/057	-47	FL320	250/061	-48	FL320	241/072	-49	FL320	235/068	-49
FL300	260/051	-41	FL300	252/060	-42	FL300	239/068	-43	FL300	235/066	-44
FL280	262/048	-37	FL280	253/054	-38	FL280	239/061	-39	FL280	234/063	-39
FOXLI			LARKI			LUPIS			FSK		
FL360	233/068	-57	FL360	229/086	-56	FL360	221/075	-53	FL380	228/023	-51
FL340	234/066	-53	FL340	226/087	-53	FL340	220/082	-51	FL360	227/022	-50
FL320	231/064	-49	FL320	224/087	-49	FL320	218/080	-49	FL340	227/019	-49
FL300	227/062	-44	FL300	223/087	-45	FL300	216/078	-46	FL320	225/020	-48
FL280	226/061	-40	FL280	222/084	-41	FL280	215/072	-43	FL300	224/021	-47
DOLEV			RADLY			SIMBA			EXITI		
FL380	358/023	-53	FL380	359/064	-62	FL380	357/041	-63	FL380	339/035	-63
FL360	000/026	-52	FL360	006/070	-59	FL360	355/045	-60	FL360	339/037	-60
FL340	002/029	-51	FL340	011/078	-57	FL340	354/050	-57	FL340	339/040	-58
FL320	009/042	-51	FL320	013/075	-53	FL320	357/046	-53	FL320	342/036	-53
FL300	013/056	-50	FL300	015/073	-49	FL300	001/043	-48	FL300	346/032	-48
EDEGA			SPY			OTBED			PENIL		
FL380	307/030	-63	FL380	280/036	-64	FL380	242/049	-65	FL380	223/073	-63
FL360	302/028	-60	FL360	282/035	-61	FL360	238/047	-61	FL360	229/071	-60
FL340	297/026	-57	FL340	284/034	-57	FL340	234/047	-57	FL340	236/070	-57
FL320	294/022	-53	FL320	284/030	-52	FL320	234/045	-53	FL320	233/069	-53
FL300	291/018	-48	FL300	283/026	-47	FL300	235/043	-48	FL300	230/069	-49
APSOV			5820N			HOIST			MT		
FL380	224/061	-55	FL400	274/038	-54	FL410	243/032	-46	FL420	283/053	-45
FL360	223/066	-54	FL380	276/040	-53	FL390	241/032	-45	FL400	283/057	-45
FL340	222/071	-54	FL360	277/042	-52	FL370	238/028	-45	FL380	284/062	-45
FL320	220/072	-51	FL340	278/045	-51	FL350	234/024	-45	FL360	289/069	-46
FL300	219/074	-48	FL320	277/043	-50	FL330	231/020	-45	FL340	293/077	-46
SSM			(DESCENT)								
FL420	281/094	-53	FL370	287/115	-55						
FL400	284/108	-53	FL300	290/108	-47						
FL380	285/116	-52	FL220	286/078	-29						
FL360	285/110	-52	15000	288/047	-15						

TCC322B OMAA-KMSP (12-Dec-2021) #2

FL340 284/104 -51 7000 268/037 0

END FLIGHTPLAN 00944 TCC322B PJTGD OMAA-KMSP 12DEC2021

TCC322B OMAA-KMSP (12-Dec-2021) #2

[ATC FLIGHTPLAN]

(FPL-TCC322B-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-OMAA1745

-N0486F260 BOSE1K BOSEV N563 ALPOB L768 RAF/N0503F300 L768 AAR
V45 TRF R652 GRY/N0499F310 N318 GENEX/N0495F320 N318 MOUAB L53
SUVAS N128 OTHON UN128 RDS UL609 MES UG18 DIKNI/N0490F340 UG18
FSK UL608 DISOR DCT LONTA UL608 DOLEV DCT RADLY DCT SIMBA DCT
EXITI DCT GASKA L604 MAPOX DCT SPY L602 MIMVA DCT OTBED DCT
NISBI DCT DOPEK DCT ARTIX DCT MOGMO DCT MAMUL L60 PENIL L10
KELLY DCT APSOV DCT SUNOT/M085F360 DCT 58N020W 59N030W 59N040W
57N050W/N0498F370 DCT HOIST DCT OMTOL/N0500F380 N584B MT DCT SSM
J101 GRB EAU9

-KMSP1515 KORD

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/211212 REG/PJTGD

EET/OBBB0020 OEJD0043 OJAC0226 LLLL0236 LCCC0248 LGGG0319

LTBB0341 LGGG0346 LWSS0424 LYBA0435 LQSB0450 LDZ00507 LJLA0520

LOVV0524 EDUU0542 EDVV0616 EHAA0626 EGTT0645 EGPX0730 EISN0740

EGPX0745 EGGX0753 58N020W0839 CZQX0924 59N040W1010 57N050W1057

CZUL1208 CZYZ1331 KZMP1402

SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/D

RALT/EINN BIKF CYR

RMK/TCAS

-E/1812)

TCC322B OMAA-KMSP (12-Dec-2021) #2

[PLANNING WEATHER]

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

UTC +04:00

OMAA 121300Z 32009KT 9999 SCT040 25/14 Q1017 NOSIG
OMAA 121100Z 1212/1318 32011KT 8000 SCT040
BECMG 1218/1220 27005KT
PROB30 1300/1304 16005KT 4000 HZ
BECMG 1309/1311 34010KT

DESTINATION: KMSP/MSP (MINNEAPOLIS-ST PAUL INTL/WOLD-, UNITED STATE UTC -06:00)

KMSP 121253Z 22005KT 10SM CLR M03/M08 A2978 RMK A02 SLP097 T10281078
KMSP 121120Z 1212/1318 21008KT P6SM SKC
FM121900 21010KT P6SM SCT200
FM130200 21006KT P6SM FEW250

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

UTC -06:00

KORD 121251Z 22008KT 10SM CLR 01/M05 A3008 RMK A02 SLP193 T00061050
KORD 121122Z 1212/1318 22011KT P6SM SKC
FM121530 22014G23KT P6SM SKC
FM121800 22016G29KT P6SM FEW250
FM130100 21015G24KT P6SM FEW250 WS014/21050KT
FM130900 21012KT P6SM FEW250 WS014/25045KT
FM131300 22011KT P6SM FEW250

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

UTC -04:00

CYJR 121328Z 07007G17KT 2 1/2SM -SN SCT002 BKN005 OVC027 M06/M07 A2893 RMK
SF4SF3SC1 PRESFR SLP802
CYJR 121140Z 1212/1312 07015KT 1 1/2SM -SN VV010
TEMPO 1212/1215 1/2SM SN VV003
PROB30 1212/1215 1/4SM +SN VV002
FM121500 06008KT 3SM -SN OVC012
TEMPO 1215/1217 3/4SM -SN BR VV005
PROB30 1215/1217 1SM -FZDZ BR
FM121700 22005KT P6SM SCT008 OVC015
TEMPO 1217/1220 2SM -SHSN VV008
BECMG 1217/1219 25010KT
FM122000 25010G20KT 2SM -SHSN OVC025
FM122300 26018G28KT 5SM -SHSN BLSN BKN030
FM130300 26020G32KT 4SM -SHSN BLSN BKN030
RMK NXT FCST BY 121800Z

EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 121330Z 16020KT 9999 VCSH SCT015CB BKN020 05/03 Q0977
BIKF 121030Z 1212/1312 18020KT 9999 -SHRA SCT015CB BKN025 TX06/1212Z
TN03/1303Z
TEMPO 1212/1312 3000 SHRA BKN010CB

TCC322B OMAA-KMSP (12-Dec-2021) #2**EDTO AIRPORT: EINN/SNN (SHANNON INTL, IRELAND)****UTC +00:00**

EINN 121330Z 17018KT 9999 FEW018 BKN022 14/11 Q1006 NOSIG

EINN 121100Z 1212/1312 17013KT 9999 FEW010 BKN020

BECMG 1213/1215 18020G30KT

TEMPO 1215/1219 -RA BKN012

PROB40 TEMPO 1215/1218 17025G40KT

BECMG 1217/1219 22020G32KT

BECMG 1219/1221 28018G30KT

BECMG 1221/1223 28010KT

BECMG 1300/1302 VRB03KT

ADEQUATE: OEPA/AQI (HAFR AL BATIN, SAUDI ARABIA)**UTC +03:00**

OEPA 121300Z 36006KT CAVOK 20/M01 Q1022 NOSIG

OEPA 121000Z 1212/1318 32012KT CAVOK

BECMG 1218/1220 28006KT

ADEQUATE: LLBG/TLV (BEN GURION, ISRAEL)**UTC +02:00**

LLBG 121320Z 30004KT 9000 NSC 22/14 Q1016 NOSIG

LLBG 121102Z 1212/1312 30008KT CAVOK

BECMG 1215/1217 13004KT

BECMG 1309/1311 30008KT TX26/1212Z TN15/1304Z

ADEQUATE: LGAV/ATH (ELEFThERIOS VENIZELOS INTL, GREECE)**UTC +02:00**

LGAV 121320Z 21011KT 9999 FEW020 16/07 Q1012 NOSIG

LGAV 121100Z 1212/1312 21014KT 9999 FEW020 SCT040

TEMPO 1212/1215 21015G25KT

BECMG 1219/1221 28010KT

TEMPO 1212/1215 FEW018 SCT025 BKN070

ADEQUATE: LOWW/VIE (SCHWECHAT, AUSTRIA)**UTC +01:00**

LOWW 121320Z 32019KT 9999 FEW025 03/M01 Q1025 NOSIG

LOWW 121115Z 1212/1318 34014KT CAVOK TX05/1318Z TN01/1221Z

TEMPO 1212/1214 33020G30KT

TEMPO 1301/1318 -RA

ADEQUATE: EHAM/AMS (SCHIPHOL, NETHERLANDS)**UTC +01:00**

EHAM 121325Z 25014KT 4000 BR SCT003 BKN004 11/11 Q1020 NOSIG

EHAM 121115Z 1212/1318 23011KT 4000 -DZ BKN004

PROB40 TEMPO 1212/1223 2500 DZ SCT002 BKN003

BECMG 1214/1217 5000 BR BKN007

PROB30 TEMPO 1216/1220 8000 NSW BKN015

BECMG 1223/1302 20010KT 9999 NSW FEW012 BKN030

PROB30 TEMPO 1302/1310 7000 -RADZ BKN012

TCC322B OMAA-KMSP (12-Dec-2021) #2

ADEQUATE: EGCC/MAN (MANCHESTER, UNITED KINGDOM)

UTC +00:00

EGCC 121320Z 19007KT 150V230 9999 FEW030 BKN038 14/11 Q1015
EGCC 121105Z 1212/1318 19010KT 9999 SCT020
PROB30 TEMPO 1212/1214 8000 -RADZ BKN009
PROB30 TEMPO 1218/1303 20015G25KT
TEMPO 1222/1312 8000 -RA BKN014
BECMG 1303/1306 25004KT

ADEQUATE: CYBG/YBG (BAGOTVILLE, CANADA)

UTC -05:00

CYBG 121300Z 26021G30KT 25SM SCT075 M02/M08 A2944 RMK AC3 SLP978
CYBG 121140Z 1212/1312 27025G35KT P6SM BKN040
TEMPO 1212/1221 P6SM -SHSN
BECMG 1216/1218 27020G30KT
FM122100 26012G22KT P6SM BKN040
FM130200 25010KT 4SM -SN BKN030
FM130400 25010G20KT 2SM -SN OVC025
FM130800 26010G20KT 6SM -SN OVC040
RMK NXT FCST BY 121500Z

ADEQUATE: KSAW/MQT (SAWYER INTL, UNITED STATES)

UTC -05:00

KSAW 121245Z 22009KT 10SM CLR M08/M11 A2970
KSAW 121138Z 1212/1312 22010KT P6SM SKC WS020/26045KT
FM121400 22013G22KT P6SM FEW250 WS020/25045KT
FM121600 22014G29KT P6SM SKC WS020/25050KT
FM122100 23011G20KT P6SM FEW250 WS020/26045KT
FM130000 22010KT P6SM BKN200 WS020/27040KT
FM130200 22010KT P6SM BKN200

TCC322B OMAA-KMSP (12-Dec-2021) #2

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 310/390 INCLUSIVE
DEC 12/1130Z TO DEC 12/1900Z
PART ONE OF TWO PARTS-

A GOMUP 59/20 61/30 62/40 61/50 SAVRY
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

B SUNOT 58/20 60/30 61/40 60/50 URTAK
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
DEC 12/1130Z TO DEC 12/1900Z
PART TWO OF TWO PARTS-

C PIKIL 57/20 59/30 60/40 59/50 AVUTI
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

REMARKS.

1. TMI IS 346 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.
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.-

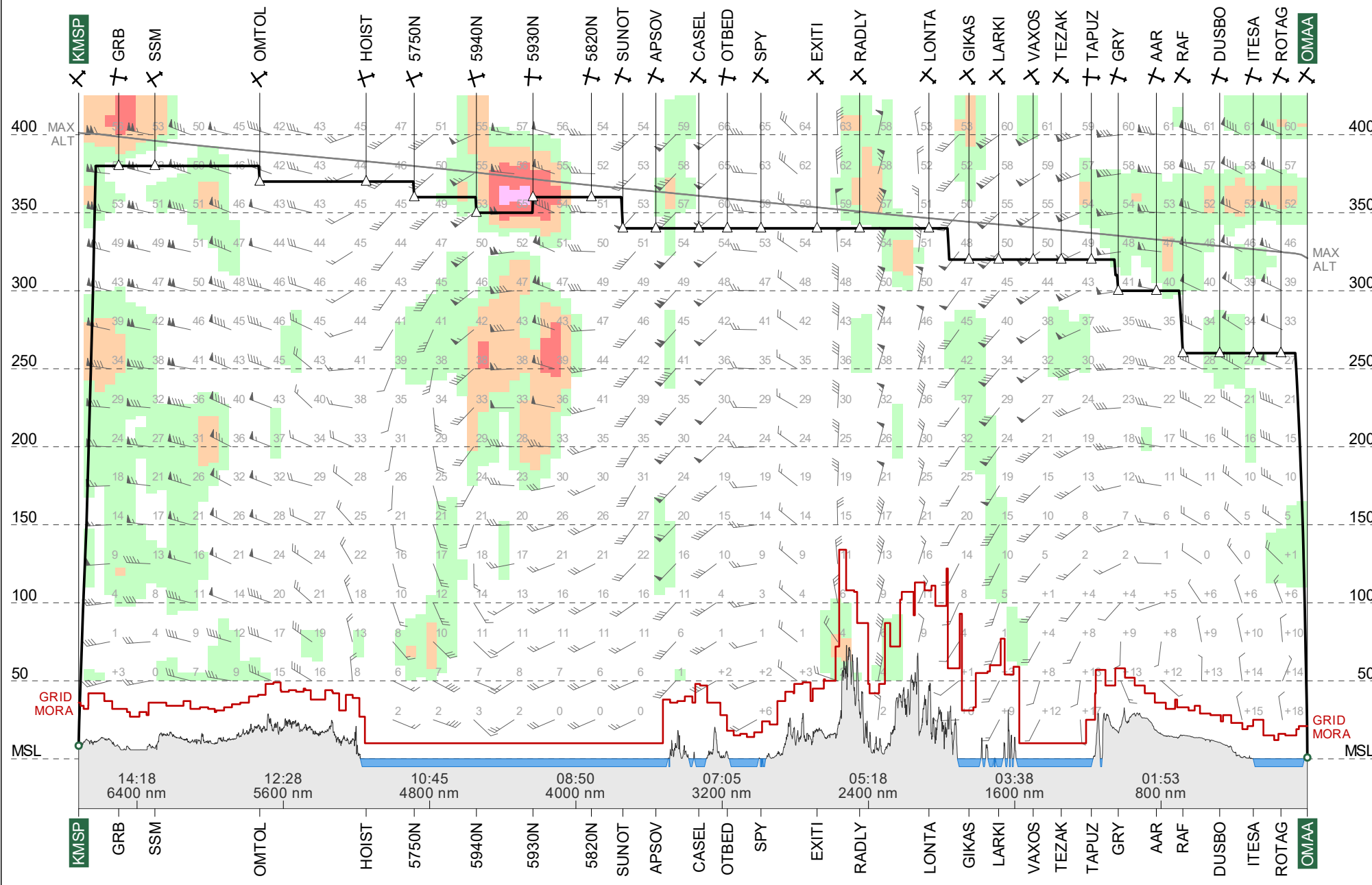
TCC322B OMAA-KMSP (12-Dec-2021) #2

END OF PART TWO OF TWO PARTS)

TR322B #2

KMSP — OMAA

ETD 12 Dec 17:45z
PJTGD B77L



Route Chart

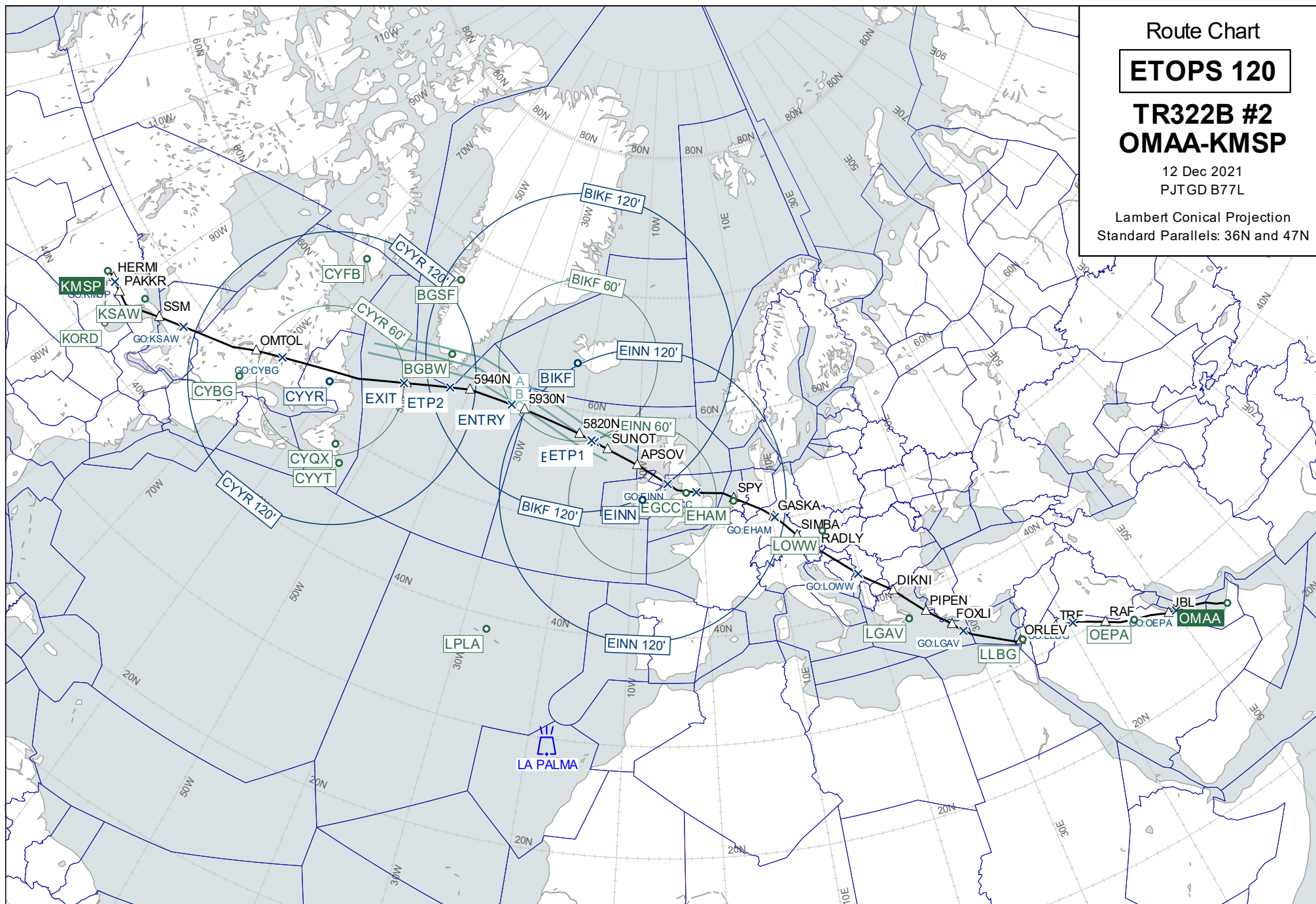
ETOPS 120

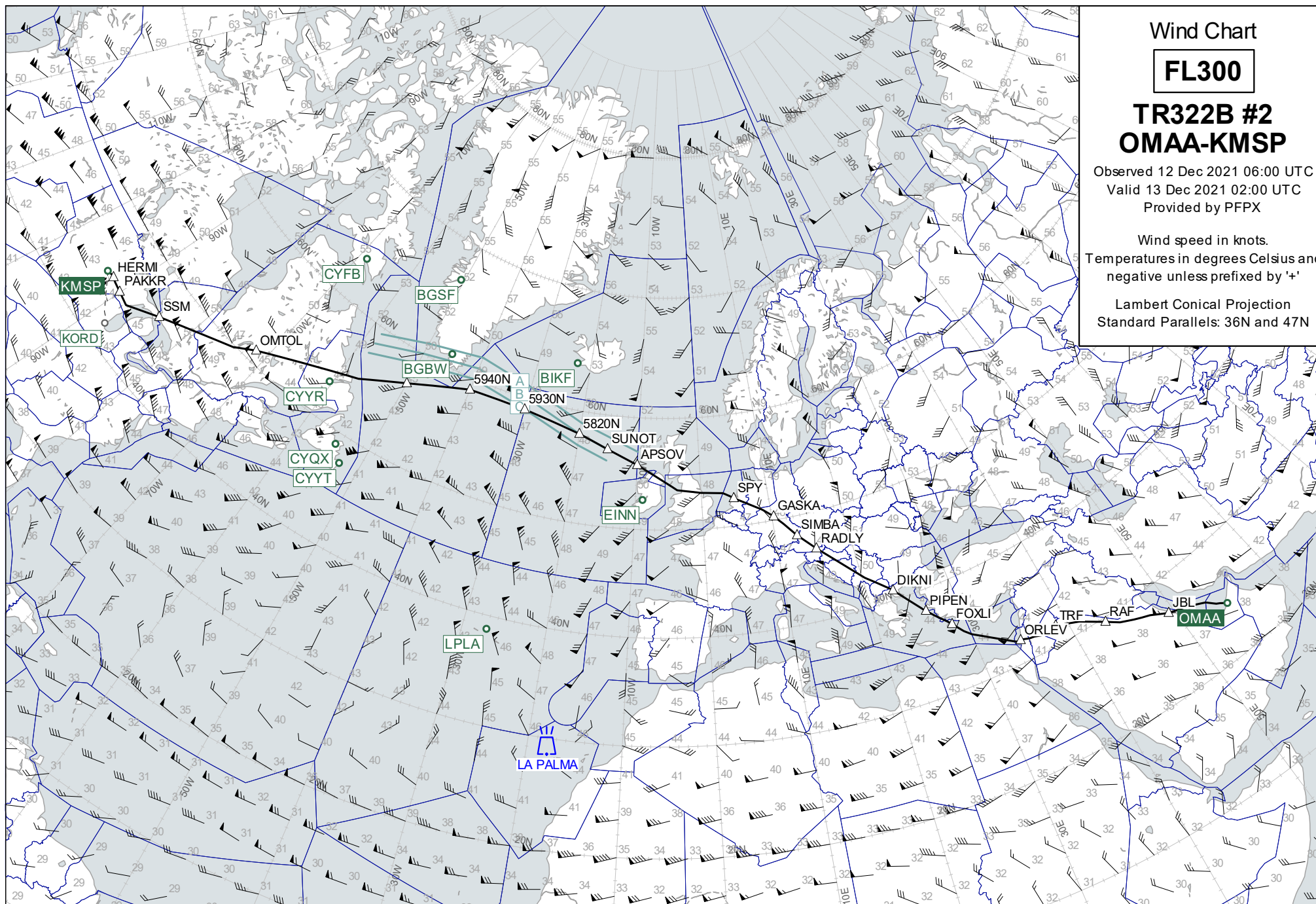
TR322B #2
OMAA-KMSP

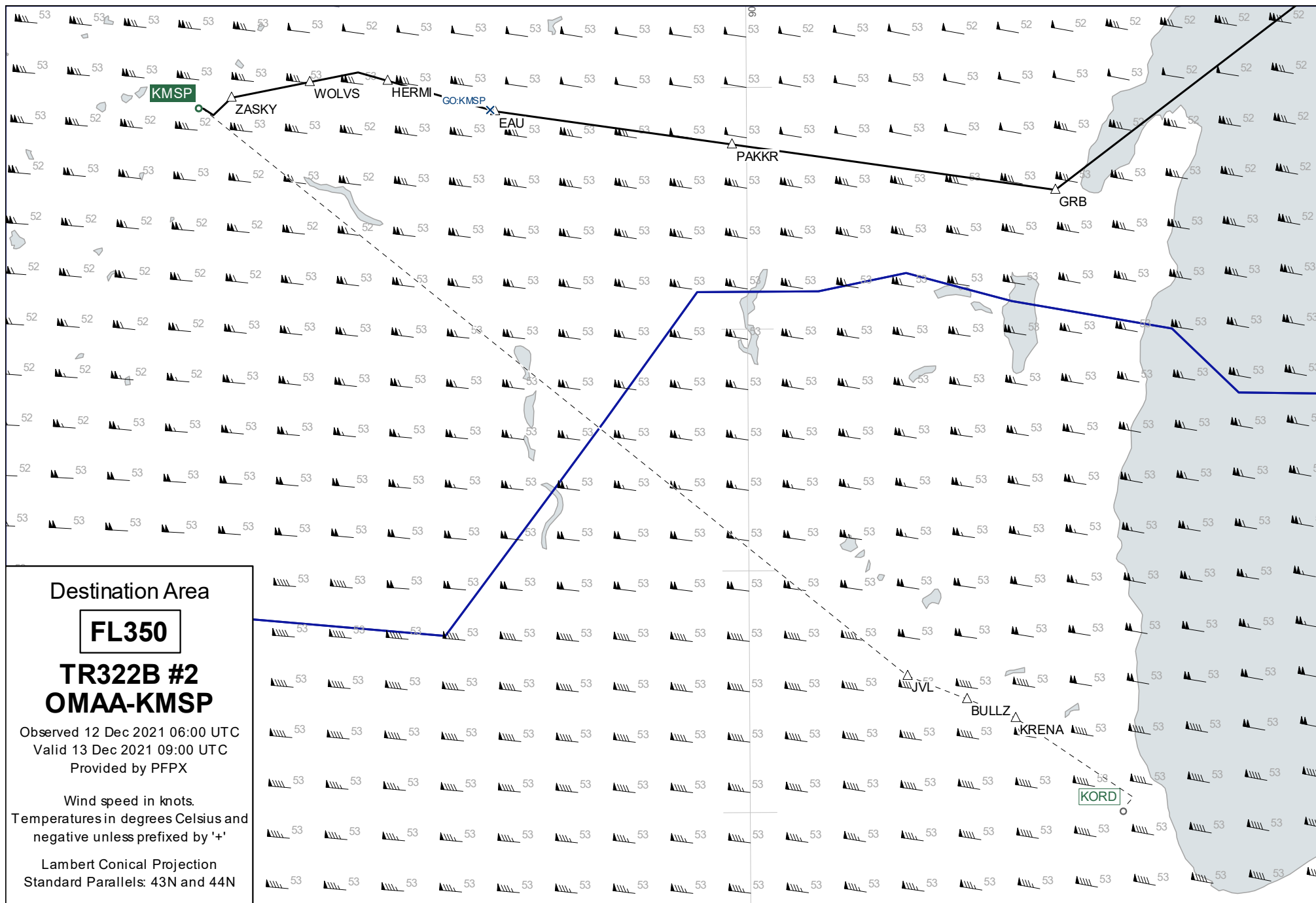
12 Dec 2021

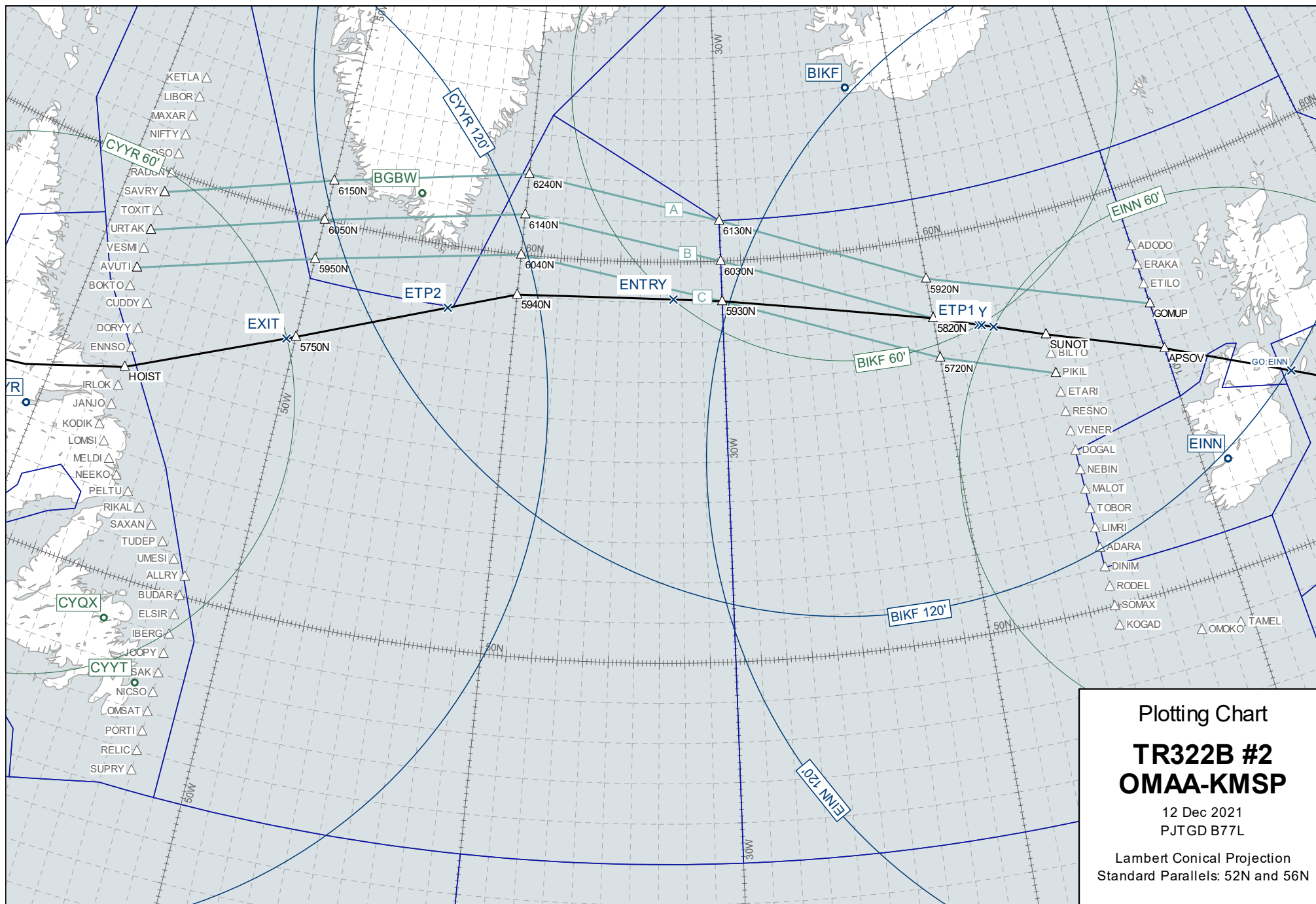
PJTGD B77L

Lambert Conical Projection
Standard Parallels: 36N and 47N









Plotting Chart
TR322B #2
OMAA-KMSP
 12 Dec 2021
 PJTGD B77L
 Lambert Conical Projection
 Standard Parallels: 52N and 56N