



Tradewind VA



Flight Briefing Package

TCC322A 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 1401 UTC

TCC322A OMAA-KMSP (12-Dec-2021) #2

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC322A PJTGC OMAA-KMSP

ALL WEIGHTS IN KILOGRAMS (KG)

STD 12DEC/1740Z

OFP 2 - PREPARED 12DEC/1401Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR322A/TCC322A PJTGC/B777-2LR GE SEL/SALH 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	266	0	26334	20987 LDW	MAX 209106	360000	223167
						PLN 183080	320314	202180
						ACT .....	.....	.....

** TAKE-OFF DATA OMAA 31L **

COND: 320314 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	118134	.....	15:15	
CONT 5%	5907	.....	00:56	
ALTN KORD	4801	.....	00:41	
FINAL RESV	3160	.....	00:30	
HOLD	2105	.....	00:20	
ADD FUEL	1548	.....	00:15	
MIN T/O	135655	.....	17:57	.....
EXTRA	1579	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	138239	.....	18:27	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	18430	.....	02:47	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 22566 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1473 KG / 5000 KG TOW DECR: -1822 KG
2000 FT LOWER: +1856 KG / EET 15:10 CLB: 250/310/84 DES: 84/320/250

OMAA	STD 17:40Z/21:40L	ETD 17:40Z	ACT OFBL	EST T/O 17:55Z	ACT T/O
KMSP	STA 09:45Z/03:45L	ETA 09:20Z	ACT ONBL	EST LDG 09:10Z	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 (03:18-03:31)
 BIKF (03:20-06:11)
 CYR (05:50-06:11)

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 63782 ETP FUEL REQ 10340	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 TL009 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 63782 ETP FUEL REQ 9872	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 TL009 TT 342	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT ETP 1 FOR EINN/BIKF	N57 35.9 W017 50.3	EET 08:29
1E084/320 DESC TO FL250 CRUISE AT 1E0320	73 NM BEFORE 5820N	
PLN FUEL OVER ETP 63766 ETP FUEL REQ 10612	DIV TIME 00:56	
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 408 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 49668 ETP FUEL REQ 16207	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 49668 ETP FUEL REQ 15471	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 24.6 W043 31.3	EET 10:27
1E084/320 DESC TO FL268 CRUISE AT 1E0320	225 NM BEFORE 5750N	
PLN FUEL OVER ETP 49523 ETP FUEL REQ 15389	DIV TIME 01:28	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 688 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 4801 - 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			
						6719	N2425.3 E05440.0	/.....		
BOSE1K	AA820	306	*CLB 021 P10	356/009		10 6709	135.5 / 2.8 N2431.5 E05431.4	04 00.04/.....		
BOSE1K	OBTOL	306	*CLB 021 P11	314/014		8 6701	134.9 / 3.3 N2436.4 E05424.4	02 00.06/.....		
BOSE1K	PUXUT	306	*CLB 021 P11	301/019		3 6698	134.7 / 3.5 N2438.2 E05421.8	00 00.06/.....		
BOSE1K	BOSEV	306	*CLB 021 P10	287/039		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	487 441	5 6654	132.7 / 5.5 N2504.3 E05342.0	01 00.13/.....		
N563	KUSBA	313	FL260 015 P07	290/053	486 439	17 6637	132.3 / 5.9 N2516.6 E05328.8	02 00.15/.....		
N563	TAGDU	313	FL260 015 P07	290/053	486 438	9 6628	132.1 / 6.1 N2523.0 E05321.9	01 00.16/.....		
N563	IMGUX	313	FL260 015 P07	291/053	486 437	10 6618	131.9 / 6.3 N2529.8 E05314.5	02 00.18/.....		
N563 -OB BB	ALPOB	313	FL260 015 P07	292/054	486 437	17 6600	131.6 / 6.7 N2542.3 E05300.9	02 00.20/.....		
L768	ROTAG	295	FL260 016 P07	294/054	486 432	25 6575	131.1 / 7.2 N2553.9 E05236.4	04 00.24/.....		
L768	ITMUB	294	FL260 016 P07	295/054	486 432	12 6563	130.8 / 7.4 N2559.3 E05224.0	01 00.25/.....		
L768	MODOG	294	FL260 016 P07	297/054	486 431	25 6539	130.3 / 8.0 N2610.2 E05159.6	04 00.29/.....		
L768	RAMKI	294	FL260 015 P07	297/054	486 431	3 6535	130.2 / 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	129.7 / 8.6	03	00.33
			P07 298/054	431	6510	N2622.7 E05131.5	/.....	
L768	ALREP	287	FL260 015	486	9	129.5 / 8.7	01	00.34
			P07 298/054	432	6501	N2625.7 E05122.2	/.....	
L768	ORDIG	287	FL260 015	486	6	129.4 / 8.9	01	00.35
			P07 298/054	432	6496	N2627.6 E05116.1	/.....	
L768	MEDMA	287	FL260 025	486	20	129.0 / 9.3	03	00.38
			P07 298/054	432	6476	N2634.4 E05054.9	/.....	
L768	OBMON	286	FL260 025	486	13	128.7 / 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	128.2 / 10.0	02	00.43
			P07 298/052	434	6439	N2645.5 E05016.4	/.....	
L768	ITESA	285	FL260 025	486	15	127.9 / 10.4	02	00.45
			P07 298/051	434	6424	N2650.3 E05000.2	/.....	
L768	JBL JUBAIL	285	FL260 025 112.90	486	33	127.2 / 11.1	04	00.49
			P07 300/050	436	6391	N2700.7 E04924.7	/.....	
L768	LAKSI	296	FL260 019	485	25	126.7 / 11.6	04	00.53
			P06 301/049	436	6365	N2713.1 E04900.1	/.....	
	OERF	296	FL260 023		17	126.3 / 11.9	02	00.55
			P06 294/041		6348	N2721.6 E04843.0	/.....	
L768	ITUDA	296	FL260 023	486	27	125.8 / 12.5	04	00.59
			P06 297/048	437	6321	N2734.5 E04816.8	/.....	
L768	IVOBA	296	FL260 023	485	15	125.5 / 12.8	02	01.01
			P07 296/048	437	6307	N2741.6 E04802.3	/.....	
L768	COPPI	295	FL260 028	486	19	125.1 / 13.2	02	01.03
			P06 297/048	437	6288	N2750.6 E04744.0	/.....	
L768	DUSBO	286	FL260 028	485	48	124.1 / 14.1	07	01.10
			P06 297/046	438	6240	N2806.3 E04652.9	/.....	
L768	HFR HAFR AL	287	FL260 028 113.10	485	43	123.2 / 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 P04 279/050	503 145 455 5894	116.9 / 21.4 N3054.5 E04108.5	19 01.56/.....
V45	BONIS	287	FL300	047 P04 268/048	503 88 457 5806	115.1 / 23.1 N3126.0 E03933.2	12 02.08/.....
	LLBG	286	FL300	047 P02 247/042	22 5784	114.7 / 23.6 N3134.0 E03908.6	03 02.11/.....
V45	TRF TURAIF	286	FL300	052 116.10 P03 262/048	503 22 458 5762	114.3 / 24.0 N3141.8 E03844.1	03 02.14/.....
R652	GRY GURIAT	253	*CLB	058 114.70 P03 261/050	76 5686	112.8 / 25.5 N3124.8 E03717.2	10 02.24/.....
N318 -OJAC	GENEX	284	*CLB	058 P02 260/053	15 5671	112.4 / 25.8 N3129.6 E03700.9	02 02.26/.....
N318	ELOXI	284	FL320	058 P01 259/056	495 14 445 5657	112.1 / 26.2 N3134.0 E03645.6	02 02.28/.....
N318	KINUR	284	FL320	047 P01 259/057	495 8 444 5649	111.9 / 26.3 N3136.4 E03637.2	01 02.29/.....
N318	ALNOR	284	FL320	047 P01 258/057	495 11 444 5639	111.7 / 26.5 N3139.9 E03625.1	01 02.30/.....
N318	QAA01	284	FL320	047 P01 258/058	495 14 444 5624	111.4 / 26.8 N3144.4 E03609.5	02 02.32/.....
N318	MOUAB	272	FL320	057 P01 255/059	495 29 439 5596	110.9 / 27.4 N3148.0 E03536.0	04 02.36/.....
L53	MUVIN	285	FL320	057 P01 255/059	495 3 444 5593	110.8 / 27.4 N3149.0 E03532.7	00 02.36/.....
L53 -LLLL	TALMI	282	FL320	057 P01 255/059	495 2 443 5591	110.8 / 27.5 N3149.6 E03530.2	01 02.37/.....
L53	GOBRI	284	FL320	057 P01 254/059	495 7 445 5584	110.6 / 27.6 N3151.9 E03522.7	01 02.38/.....
L53	ABIMI	284	FL320	057 P01 253/059	495 7 445 5576	110.5 / 27.7 N3154.3 E03514.6	01 02.39/.....
L53	ITERO	284	FL320	057 P01 252/059	494 5 445 5571	110.4 / 27.8 N3156.1 E03508.5	00 02.39/.....
L53	YOGGA	284	FL320	057 P01 251/059	494 8 446 5563	110.2 / 28.0 N3158.7 E03459.7	01 02.40/.....
L53	BGN BEN GURION TEL AVIV	284	FL320	042 113.50 P01 251/059	494 6 446 5557	110.1 / 28.1 N3200.8 E03452.5	01 02.41/.....
L53	ORLEV	269	FL320	025 P01 250/061	495 12 439 5544	109.9 / 28.4 N3201.6 E03438.2	02 02.43/.....
L53	TAPUZ	269	FL320	025	495 6	109.8 / 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	109.5 / 28.8	02 02.46		
				P01 248/063 438 5524	N3202.9 E03413.8	/.....		
L53	SUVAS	296	FL320	025 494 14	109.2 / 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	105.7 / 32.6	07 03.12		
				M00 237/068 462 5321	N3357.2 E03055.1	/.....		
N128	OTHON	299	FL320	010 493 55	104.7 / 33.6	07 03.19		
-LGGG				M00 235/068 463 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	103.8 / 34.5	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	102.1 / 36.1	03 03.38		
RODOS				M00 229/068 490 5119	N3620.4 E02804.9	/.....		
UL609	*BDRY	312	FL320	059 492 25	101.7 / 36.6	03 03.41		
-LTBB				M01 228/073 485 5094	N3638.4 E02744.1	/.....		
UL609	*BDRY	312	FL320	077 492 45	100.9 / 37.3	05 03.46		
-LGGG				M01 225/082 486 5049	N3711.0 E02705.7	/.....		
UL609	LARKI	311	FL320	077 492 18	100.6 / 37.6	03 03.49		
				M01 224/086 486 5032	N3723.9 E02650.3	/.....		
UL609	URNIL	314	FL320	060 492 23	100.2 / 38.0	02 03.51		
				M01 222/091 492 5009	N3741.1 E02631.7	/.....		
UL609	IKARO	314	FL320	060 492 14	100.0 / 38.3	02 03.53		
				M01 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	99.5 / 38.8	02 03.57		
MESTA				M00 220/093 496 4964	N3815.1 E02554.4	/.....		
UG18	NEMIS	318	FL320	055 492 9	99.3 / 38.9	01 03.58		
				M00 220/092 503 4955	N3822.4 E02547.3	/.....		
UG18	MOCNA	317	FL320	055 492 6	99.2 / 39.0	00 03.58		
				M00 219/091 504 4949	N3826.8 E02543.0	/.....		
UG18	LUPIS	317	FL320	055 492 58	98.3 / 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	97.9 / 40.3	03	04.08
				M00	217/073	505 4869	N3930.0 E02440.0	/.....	
UG18	DIKNI	317	*CLB	093		108	96.1 / 42.1	13	04.21
				P00	221/026	4761	N4054.0 E02312.4	/.....	
UG18	FSK	316	FL340	122	116.40	490 15	95.8 / 42.5	02	04.23
	FISKA			P03	226/019	491 4746	N4105.9 E02259.5	/.....	
UL608	DISOR	305	FL340	098	490	14	95.6 / 42.7	01	04.24
-LWSS				P03	234/016	487 4732	N4114.8 E02245.5	/.....	
DCT	LONTA	307	FL340	111	489	82	94.2 / 44.1	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	92.4 / 45.9	05	04.48
				M00	009/059	4545	N4321.8 E01939.6	/.....	
DCT	*BDRY	313	FL340	107	488	17	92.1 / 46.2	02	04.50
-LQSB				M01	016/043	464 4527	N4334.5 E01923.6	/.....	
DCT	*BDRY	313	FL340	107	485	130	89.8 / 48.4	17	05.07
-LDZO				M04	022/080	448 4397	N4509.2 E01719.6	/.....	
DCT	*BDRY	312	FL340	087	485	92	88.1 / 50.1	13	05.20
-LJLA				M04	016/084	440 4306	N4614.6 E01547.8	/.....	
DCT	RADLY	311	FL340	087	485	35	87.5 / 50.7	05	05.25
-LOVV				M05	011/078	438 4271	N4638.8 E01512.6	/.....	
	EDDM	313	FL340	134		97	85.7 / 52.5	13	05.38
				M04	346/031	4175	N4749.6 E01335.7	/.....	
DCT	SIMBA	312	FL340	134	485	34	85.1 / 53.1	04	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	446 4038	N4933.8 E01124.4	/.....	
DCT	GASKA	314	FL340	049	485	64	82.2 / 56.0	09	06.05
				M05	321/030	452 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	82.1 / 56.2	01	06.06
				M05	319/029	454 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	/.....	

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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	296/026	459 3911	N5102.1 E00900.5	/.....	
	EHAM	306	FL340	043		2	81.1 / 57.2	00	06.13
				M05	318/029	3909	N5103.4 E00857.9	/.....	
L604	MAPOX	306	FL340	043	485	7	80.9 / 57.3	01	06.14
				M05	295/025	460 3901	N5108.0 E00848.8	/.....	
DCT	*BDRY	298	FL340	043	485	11	80.8 / 57.5	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	78.1 / 60.2	11	06.37
	SPIJKERBOOR			M05	284/033	453 3732	N5232.4 E00451.2	/.....	
L602	BERGI	303	FL340	017	486	22	77.7 / 60.6	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	268/037	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	453 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	74.5 / 63.8	04	07.05
				M05	231/054	448 3522	N5321.5 W00039.4	/.....	
	EGCC	280	FL340	028		2	74.4 / 63.8	00	07.05
				M05	263/041	3520	N5321.9 W00043.4	/.....	
DCT	DOPEK	280	FL340	028	486	7	74.3 / 63.9	01	07.06
				M05	230/057	448 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	74.1 / 64.2	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	73.8 / 64.5	01	07.10

TCC322A OMAA-KMSP (12-Dec-2021) #2

M05 229/059 445 3480 N5328.0 W00148.8/.....

L60 SONEX 279 FL340 036 486 13 73.5 / 64.7 02 07.12
M05 230/060 444 3467 N5329.9 W00210.4/.....

L60 PENIL 279 FL340 047 487 54 72.6 / 65.6 07 07.19
M05 236/069 433 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 72.1 / 66.2 01 07.23
M05 236/080 451 3383 N5354.3 W00421.9/.....

EINN 305 FL340 048 32 71.5 / 66.7 05 07.28
M04 251/076 3352 N5411.5 W00507.6/.....

DCT *BDRY 304 FL340 040 417 16 71.3 / 67.0 02 07.30
-EGPX M05 233/092 382 3336 N5419.7 W00530.1/.....

DCT *BDRY 304 FL340 040 487 77 70.0 / 68.3 10 07.40
-EISN M04 225/090 450 3259 N5459.4 W00723.4/.....

DCT *BDRY 304 FL340 038 488 36 69.4 / 68.9 05 07.45
-EGPX M03 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 APSOV 303 FL340 038 489 66 68.3 / 70.0 08 07.53
-EGGX M01 221/071 468 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 99 63.8 / 74.5 13 08.29
EINN/BIKF P04 258/034 463 2877 N5735.9 W01750.3/.....

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

DCT 5820N 298 FL360 010 490 73 62.6 / 75.6 10 08.39
58N020W P04 276/042 453 2804 N5800.0 W02000.0/.....

DCT 5930N 295 *DES 010 319 57.1 / 81.1 45 09.24
-CZQX 59N030W P01 277/088 2485 N5900.0 W03000.0/.....

DCT *TOD 289 FL350 010 493 3 57.1 / 81.1 00 09.24
M00 276/101 404 2482 N5900.2 W03005.3/.....

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

TCC322A OMAA-KMSP (12-Dec-2021) #2

DCT	5940N	288	*CLB	010		307	51.5 / 86.8	46	10.10
	59N040W			P01 232/077		2175	N5900.0 W04000.0	/.....	
	*ETP 2	272	FL360	010	492	106	49.7 / 88.6	15	10.25
	BIKF/CYYR			P04 233/057	432	2069	N5827.5 W04315.1	/.....	
DCT	5750N	270	*CLB	010		234	46.0 / 92.2	32	10.57
	57N050W			P09 221/042		1835	N5700.0 W05000.0	/.....	
----- ETOPS EXIT (CYYR) 0248 NM BEFORE HOIST EET 10:59 -----									
DCT	HOIST	267	FL370	010	498	263	42.1 / 96.2	34	11.31
				P11 237/028	468	1572	N5502.0 W05700.0	/.....	
DCT	*BDRY	273	FL370	044	501	292	37.9 / 100.3	37	12.08
-CZUL				P13 281/033	475	1280	N5316.7 W06444.8	/.....	
	CYBG	265	FL370	045		140	36.0 / 102.3	17	12.25
				P13 280/050		1141	N5216.1 W06813.2	/.....	
DCT	OMTOL	262	*CLB	049		150	33.8 / 104.4	20	12.45
				P14 285/048		990	N5105.0 W07145.0	/.....	
N584B	MT	252	FL380	041	209.0	500	32.0 / 106.3	16	13.01
	CHIBOO CHIBOUGAMAU			P12 284/061	459	860	N4948.0 W07429.7	/.....	
DCT	*BDRY	261	FL380	035	497	221	28.7 / 109.6	30	13.31
-CZYZ				P08 289/085	436	639	N4812.7 W07933.8	/.....	
	KSAW	254	FL380	037		75	27.5 / 110.7	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	25.2 / 113.0	01	14.03
	SAULT STE MARIE			P04 285/116	408	417	N4624.7 W08418.9	/.....	
J101	GRB	245	FL380	036	115.50	492	22.0 / 116.2	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	09	14.55
	EAU CLAIRE			P01 281/117		77	N4453.9 W09128.7	/.....	
	KMSP	287	*DES	042		1	19.8 / 118.4	01	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	19.7 / 118.6	02	15.02
				P02 273/055		42	N4502.9 W09217.4	/.....	
EAU9	WOLVS	258	*DES	032		12	19.6 / 118.7	03	15.05

TCC322A OMAA-KMSP (12-Dec-2021) #2

			P02 271/037	29	N4500.3 W09234.4	/.....
EAU9	L000N	258	*DES 034	6	19.5 / 118.7	01 15.06
			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	/.....

TCC322A 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	300/061	-35	FL280	302/058	-35
FL150	296/024	-4	FL260	292/054	-30	FL260	298/055	-30	FL260	301/050	-30
10000	343/012	+7	FL240	290/049	-24	FL240	296/048	-25	FL240	298/042	-25
5000	010/008	+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	273/063	-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	294/042	-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	-52	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	261/051	-41	FL300	252/060	-42	FL300	239/068	-43	FL300	235/066	-44
FL280	262/048	-37	FL280	253/054	-38	FL280	240/061	-39	FL280	234/063	-39
FOXLI			LARKI			LUPIS			FSK		
FL360	233/068	-57	FL360	229/086	-56	FL360	220/076	-53	FL380	227/024	-51
FL340	234/066	-53	FL340	226/087	-53	FL340	220/083	-51	FL360	227/022	-50
FL320	231/064	-49	FL320	224/087	-49	FL320	218/081	-49	FL340	227/020	-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	214/072	-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	012/056	-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	242/048	-65	FL380	224/073	-63
FL360	302/028	-60	FL360	282/035	-61	FL360	238/047	-61	FL360	230/071	-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	235/044	-48	FL300	230/068	-49
APSOV			5820N			HOIST			MT		
FL380	224/061	-55	FL400	273/038	-54	FL410	243/033	-46	FL420	283/053	-45
FL360	223/066	-54	FL380	276/040	-53	FL390	240/032	-45	FL400	283/057	-45
FL340	222/071	-54	FL360	277/042	-52	FL370	237/028	-45	FL380	284/061	-45
FL320	220/073	-51	FL340	278/045	-51	FL350	233/024	-45	FL360	289/069	-46
FL300	219/074	-48	FL320	277/043	-50	FL330	231/021	-45	FL340	293/077	-46
SSM			(DESCENT)								
FL420	281/094	-53	FL370	287/114	-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						

TCC322A OMAA-KMSP (12-Dec-2021) #2

FL340 284/104 -51 7000 268/037 0

END FLIGHTPLAN 00943 TCC322A PJTGC OMAA-KMSP 12DEC2021

TCC322A OMAA-KMSP (12-Dec-2021) #2

[ATC FLIGHTPLAN]

(FPL-TCC322A-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-OMAA1740

-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/PJTGC

EET/OBBB0020 OEJD0043 OJAC0226 LLLL0236 LCCC0248 LGGG0319

LTBB0341 LGGG0346 LWSS0424 LYBA0435 LQSB0450 LDZ00507 LJLA0520

LOVV0525 EDUU0542 EDVV0616 EHAA0626 EGTT0645 EGPX0730 EISN0740

EGPX0745 EGGX0753 58N020W0839 CZQX0924 59N040W1010 57N050W1057

CZUL1208 CZYZ1331 KZMP1402

SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/C

RALT/EINN BIKF CYR

RMK/TCAS

-E/1812)

TCC322A 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

TCC322A 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: OERF/RAH (RAFHA, SAUDI ARABIA)**UTC +03:00**

OERF 121300Z 35006KT CAVOK 19/00 Q1023 NOSIG
OERF 121100Z 1212/1318 04012KT 7000 FEW040 SCT090
BECMG 1218/1220 VRB03KT
BECMG 1306/1308 22010KT

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: EDDM/MUC (MUNICH, GERMANY)**UTC +01:00**

EDDM 121320Z 26006KT CAVOK 04/M00 Q1027 NOSIG
EDDM 121100Z 1212/1318 24005KT 9999 SCT020
TEMPO 1222/1312 4000 -RADZ
BECMG 1223/1302 OVC012
TEMPO 1301/1318 OVC008
BECMG 1312/1314 VRB02KT

TCC322A OMAA-KMSP (12-Dec-2021) #2

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

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

TCC322A 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.-

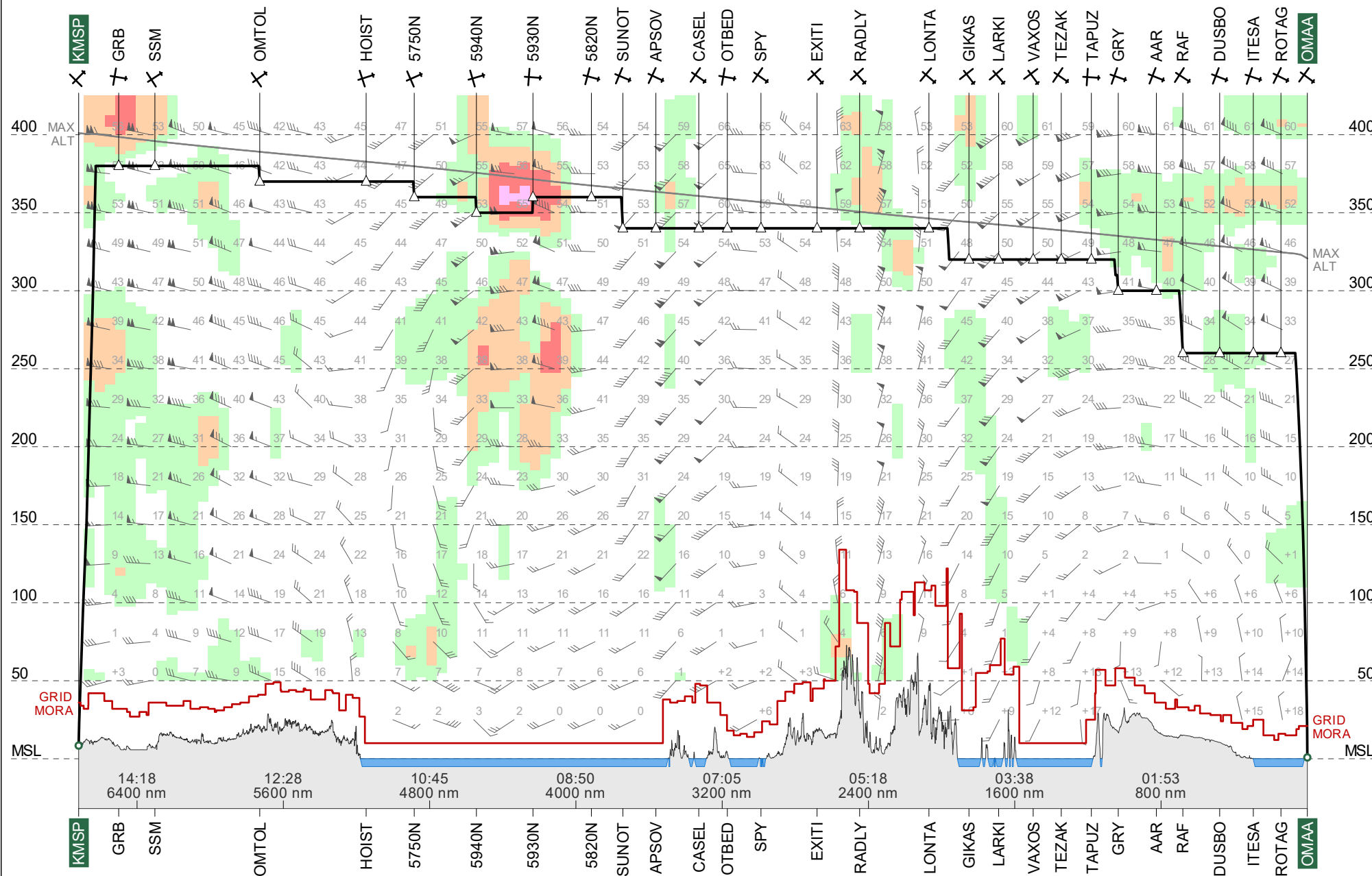
TCC322A OMAA-KMSP (12-Dec-2021) #2

END OF PART TWO OF TWO PARTS)

TR322A #2

KMSP — OMAA

ETD 12 Dec 17:40z
PJTGC B77L



Route Chart

ETOPS 120

TR322A #2
OMAA-KMSP

12 Dec 2021

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Lambert Conical Projection
Standard Parallels: 36N and 47N

