



Tradewind VA



Flight Briefing Package

TCC202D KCLT-OBBI

31-Mar-2018 #1

RELEASE #1

CHARLOTTE/DOUGLAS INTL
(UNITED STATES)

-

BAHRAIN INTL
(BAHRAIN)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

31 MAR 1756 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		85.443	12:19
CONT 5%		4.272	00:42
HOLD	OBBI	2.018	00:20
ALTN	OEDF	1.994	00:16
FINAL RESV		3.026	00:30
ADD FUEL		1.510	00:15
MIN T/O		98.263	14:22
EXTRA		1.513	00:15
TAXI		468	00:18
RELEASE	KCLT	100.244	14:55
ARR FUEL	OBBI	14.125	02:10

Load Planning (kg)	FOHGG	Plan	Limit
Empty Weight		156.137	
Payload	286+0 Pax	26.884	
Zero Fuel Weight		183.021	209.106
Fuel		100.244	145.026
Ramp Weight		283.265	347.452
Take-Off Weight KCLT		282.797	336.144
Landing Weight OBBI	Limit	197.354	223.167
Underload		25.813	Lim LDW

Cost Planning		
Flight Time	12:19\$	69.118
Fuel	86.119\$	72.439
Total	\$	141.557
Per Pax	\$	495
Per 5.000 kg Payload	\$	26.327

TRADEWIND PACIFIC FLIGHTPLAN - IFR TCC202D FOHGG KCLT-OBBI

ALL WEIGHTS IN KILOGRAMS (KG) STD 31MAR/2150Z

OPF 1 - PREPARED 31MAR/1756Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR202D/TCC202D FOHGG/B777-2LR GE SEL/EGAE ROUTE: KCLTOBBI01

DEP: KCLT/CLT 18C ELEV 748 FT COST INDEX: 250 TTL G/C DIST: 6213 NM
ARR: OBBI/BAH 30R ELEV 6 FT INIT ALT: FL330 TTL F/P DIST: 6374 NM
FUEL BIAS: 100.0% TTL AIR DIST: 5894 NM
AVG WIND CMP: TL039 KT

ALT: OEDF/DMM 34R ELEV 72 FT 55 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156137	286	0	26884	25813 LDW	MAX 209106	336144	223167
						PLN 183021	282797	197354
						ACT .....	.....	.....

** TAKE-OFF DATA KCLT 18C **

COND: 282797 KG // RWY DRY // +16°C Q1027 090/09 // LMT: CLIMB
CONFIG: FLAPS 5 // D-TO +54C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=161 VR=165 V2=167
ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	85443	.....	12:19	
CONT 5%	4272	.....	00:42	
ALTN OEDF	1994	.....	00:16	
FINAL RESV	3026	.....	00:30	
HOLD	2018	.....	00:20	
ADD FUEL	1510	.....	00:15	
MIN T/O	98263	.....	14:22	.....
EXTRA	1513	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	468	.....	00:18	
RELEASE	100244	.....	14:55	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	14125	.....	02:10	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145026 KG / MAX EXTRA FUEL 27326 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1305 KG / 5000 KG TOW DECR: -1353 KG
2000 FT LOWER: +2164 KG / EET 12:16 CLB: 250/310/84 DES: 84/320/250

	STD	ETD	ACT	EST	ACT
KCLT	21:50Z/17:50L	21:50Z	OFBL	T/O 22:08Z	T/O
OBBI	11:45Z/14:45L	10:35Z	ONBL	LDG 10:27Z	LDG
	SKD 13:55	PLN 12:45	TTL BLCK	EST FLT 12:19	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (CYYT)	119 NM BEFORE 5040N	N49 47.4 W043 03.9	EET 03:24
ETOPS EXIT (EINN)	21 NM BEFORE 5320N	N52 58.9 W020 34.3	EET 05:04

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

CYYT (02:40-04:48)
EINN (04:07-04:48)

ONE ENGINE OUT ETP 1 FOR CYYT/EINN N51 25.3 W033 28.0 EET 04:06

1E084/320 DESC TO FL247 CRUISE AT 1E0320 134 NM BEFORE 5230N
 PLN FUEL OVER ETP 66103 ETP FUEL REQ 19855 DIV TIME 01:58
 ETP TO CYYT (N47 37.1 W052 45.1) DIST 784 NM WC HD040 TT 261
 ETP TO EINN (N52 42.1 W008 55.4) DIST 906 NM WC TL021 TT 075
 *** FUEL DUMP REQUIRED ***

ONE ENGINE OUT DECOMP ETP 1 FOR CYYT/EINN N51 38.2 W032 15.4 EET 04:12
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 87 NM BEFORE 5230N
 PLN FUEL OVER ETP 65464 ETP FUEL REQ 21322 DIV TIME 02:29
 ETP TO CYYT (N47 37.1 W052 45.1) DIST 831 NM WC HD024 TT 261
 ETP TO EINN (N52 42.1 W008 55.4) DIST 859 NM WC HD014 TT 077
 *** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 1 FOR CYYT/EINN N51 38.2 W032 15.4 EET 04:12
 84/320/250 DESC TO FL100 CRUISE AT AE320 87 NM BEFORE 5230N
 PLN FUEL OVER ETP 65464 ETP FUEL REQ 20337 DIV TIME 02:29
 ETP TO CYYT (N47 37.1 W052 45.1) DIST 831 NM WC HD024 TT 261
 ETP TO EINN (N52 42.1 W008 55.4) DIST 859 NM WC HD014 TT 077
 *** FUEL DUMP REQUIRED ***

ATC ROUTE: N0484F330 BARMY3 TYI J209 ORF DCT LINND DCT WHALE/N0485F350 N251A
 JOOPY NATV 49N050W/M084F350 NATV GISTI DCT BAKUR/N0483F350 DCT KONAN
 UL607 SPI/N0490F370 UL607 MATUG UZ660 ENITA Z660 ROKEM Z650 PEPIK
 DCT ERGOM DCT TEGRI L605 NEKUL P975 ARTAT UP975 ERGUN UL124 EVSAS
 UM688 PEBAD P975 SIDAD UP975 LONOS UL438 KOBOK KOBOK1

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
OEDF/34R	55	10000	025	HD023	00:16	1994	-	BAH DCT KFA
OTHH/34R	151	13000	025	TL006	00:29	3634	+1640	BAH N697 GOLKO N318 VELAM Z225 LABOV Y001 BAYAN BAYA1E

MOST CRITICAL MORA 16000 FT AT RATVO

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WIND/SPD	FREQ GS	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	KCLT/18C		748	045				99.8 / 0.5		
	CHARLOTTE/DOUGLAS IN						6374	N3514.0 W08057.1	/.....	
BARMY3	MESHY	094	*CLB	045			26	97.7 / 2.9	06	00.06
				P03 269/037			6348	N3515.0 W08028.9	/.....	
BARMY3	GULFY	089	*CLB	045			18	96.9 / 3.6	02	00.08
				P02 270/044			6330	N3518.0 W08006.8	/.....	
BARMY3	BARMY	078	*CLB	045			13	96.4 / 4.1	02	00.10
				P00 272/050			6316	N3522.0 W07951.5	/.....	
BARMY3	*BDRY	079	*CLB	038			2	96.4 / 4.2	00	00.10
-KZDC				M00 272/051			6314	N3523.0 W07948.9	/.....	
BARMY3	BATTA	079	*CLB	038			37	95.3 / 5.3	05	00.15
				M04 276/062			6277	N3536.0 W07905.2	/.....	
BARMY3	*TOC	080	FL330	038		484	7	94.8 / 5.4	00	00.15
				M05 275/062	541	6270		N3538.0 W07857.6	/.....	
BARMY3	TYI	080	FL330	035	117.80	484	64	93.9 / 6.4	07	00.22
	TAR RIVER ROCKY MOUN			M05 270/064	544	6206		N3559.0 W07742.2	/.....	

J209	ORF NORFOLK	062	FL330	032	116.90	484	91	92.6 / 7.7	11	00.33
				M05	267/071	542	6115	N3654.0 W07612.0	/.....	
J209	*BDRY	064	FL330	024		484	120	90.9 / 9.4	13	00.46
-KZWY				M05	261/079	550	5995	N3804.0 W07411.6	/.....	
DCT	LINND	067	FL330	018		484	141	88.9 / 11.4	15	01.01
-KZNY				M04	257/084	560	5854	N3925.0 W07143.6	/.....	
DCT	*BDRY	064	FL330	010		486	148	86.9 / 13.4	16	01.17
-KZBW				M03	255/089	563	5706	N4057.0 W06911.4	/.....	
DCT	WHALE	067	*CLB	018			124	85.2 / 15.1	13	01.30
-CZQM				M02	258/087		5582	N4212.0 W06700.0	/.....	
N251A	*BDRY	070	FL350	025		489	462	79.1 / 21.0	48	02.18
-CZQX				P12	244/081	574	5120	N4623.0 W05759.7	/.....	

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

N251A	JOOPY	079	FL350	031		492	274	75.6 / 24.7	29	02.47
				P08	234/086	576	4846	N4830.0 W05200.0	/.....	
N251A	*BDRY	087	FL350	010		490	43	75.1 / 25.2	04	02.51
				P06	234/095	579	4803	N4845.0 W05060.8	/.....	
NATV	4950N 49N050W	088	FL350	010		489	42	74.5 / 25.7	05	02.56
				P05	235/104	583	4761	N4900.0 W05000.0	/.....	

----- ETOPS ENTRY (CYYT) 0119 NM BEFORE 5040N EET 03:24 -----

NATV	5040N 50N040W	100	FL350	010		485	395	69.7 / 30.6	40	03.36
				P01	284/091	573	4366	N5000.0 W04000.0	/.....	
	*ETP 1 CYYT/EINN	085	FL350	010		485	310	65.5 / 34.8	36	04.12
				P01	305/032	573	4057	N5138.0 W03215.4	/.....	
NATV	5230N 52N030W	088	FL350	010		487	87	64.3 / 36.0	10	04.22
-EGGX				P00	307/020	500	3970	N5200.0 W03000.0	/.....	

----- ETOPS EXIT (EIKY) 0021 NM BEFORE 5320N EET 05:04 -----

NATV	5320N 53N020W	094	FL350	010		483	371	59.1 / 41.2	44	05.06
				M04	256/017	500	3599	N5300.0 W02000.0	/.....	
NATV	MALOT	097	FL350	010		482	181	56.6 / 43.7	22	05.28
-EISN				M05	259/034	516	3418	N5300.0 W01500.0	/.....	
NATV	GISTI	097	FL350	010		482	36	56.1 / 44.2	04	05.32
				M05	263/040	521	3382	N5300.0 W01400.0	/.....	
DCT	BAKUR	102	FL350	048		483	307	52.2 / 48.1	34	06.06
-EGTT				M03	296/061	543	3075	N5215.0 W00541.8	/.....	
DCT	KONAN	103	FL350	042		488	294	48.5 / 51.8	33	06.39
-EBUR				P01	307/052	536	2782	N5108.0 E00200.0	/.....	
UL607	KOK KOKSY	095	FL350	019	114.50	488	25	48.1 / 52.1	03	06.42
				P02	307/050	531	2757	N5106.0 E00239.1	/.....	

UL607	FERDI	106	FL350	022	489	39	47.7 / 52.6	04	06.46
				P02 307/048	534	2718	N5055.0 E00338.2	/.....	
UL607	BUPAL	107	FL350	028	489	38	47.2 / 53.1	05	06.51
				P03 306/044	532	2680	N5043.0 E00436.0	/.....	
UL607	REMBA	106	FL350	028	489	12	47.0 / 53.2	01	06.52
				P03 305/043	531	2667	N5040.0 E00455.8	/.....	
UL607	SPI SPRIMONT	107	*CLB	036 113.10		28	46.7 / 53.6	03	06.55
				P03 304/040		2639	N5031.0 E00537.4	/.....	
UL607	PELIX	100	*CLB	036		5	46.5 / 53.7	01	06.56
				P06 302/037		2633	N5030.0 E00546.7	/.....	
UL607 -EDVV	MATUG	100	FL370	043	490	24	46.2 / 54.0	02	06.58
				P06 298/033	523	2610	N5025.0 E00622.1	/.....	
UL607 -EDUU	*BDRY	096	FL370	043	490	8	46.1 / 54.1	01	06.59
				P06 297/031	522	2602	N5024.0 E00635.5	/.....	
UZ660	GUBAX	096	FL370	043	491	52	45.4 / 54.8	06	07.05
				P07 291/027	519	2550	N5017.0 E00755.6	/.....	
UZ660	RASPU	096	FL370	049	491	85	44.4 / 55.9	10	07.15
				P07 276/022	514	2465	N5004.0 E01006.9	/.....	
UZ660	BOREP	105	FL370	049	491	21	44.1 / 56.1	03	07.18
				P07 273/021	513	2443	N4958.0 E01038.6	/.....	
UZ660	BAMAS	105	FL370	045	491	17	43.9 / 56.4	02	07.20
				P07 271/021	512	2426	N4953.0 E01103.7	/.....	
UZ660	KEPOM	106	FL370	045	491	14	43.7 / 56.5	01	07.21
				P07 267/020	511	2413	N4948.0 E01123.9	/.....	
UZ660 -LKAA	ENITA	095	FL370	051	491	43	43.2 / 57.1	05	07.26
				P07 256/019	510	2370	N4942.0 E01228.4	/.....	
Z660	ETVIS	099	FL370	051	491	14	43.0 / 57.3	02	07.28
				P06 252/019	508	2356	N4939.0 E01249.0	/.....	
Z660	ROKEM	099	FL370	072	491	35	42.5 / 57.7	04	07.32
				P06 241/019	506	2321	N4932.0 E01342.6	/.....	
Z650	IVOLI	102	FL370	072	491	113	41.1 / 59.2	14	07.46
				P05 215/023	499	2208	N4900.0 E01627.4	/.....	
Z650 -LZBB	PEPIK	114	FL370	045	491	28	40.7 / 59.5	03	07.49
				P05 212/024	493	2180	N4847.0 E01705.7	/.....	
DCT -LHCC	ERGOM	127	FL370	071	491	88	39.5 / 60.7	11	08.00
				P05 211/028	485	2092	N4749.0 E01844.9	/.....	
DCT -LRBB	TEGRI	129	FL370	046	491	134	37.7 / 62.5	17	08.17
				P05 218/038	486	1958	N4616.0 E02106.2	/.....	
L605	GESBA	121	FL370	054	490	35	37.3 / 63.0	04	08.21
				P05 220/043	492	1923	N4555.0 E02147.4	/.....	
L605	NEKUL	121	FL370	106	490	41	36.7 / 63.5	05	08.26
				P05 223/048	493	1881	N4531.0 E02235.2	/.....	
P975	UBOGU	112	FL370	107	489	99	35.5 / 64.8	12	08.38
				P04 230/055	507	1782	N4446.0 E02440.0	/.....	

P975 -LBSR	RONBU	113	FL370	032 P00 230/062	487 506	89 1692	34.4 / 65.9 N4403.0 E02630.8	10	08.48
P975 -LTBB	ARTAT	120	FL370	050 M05 242/056	480 500	170 1522	32.2 / 68.1 N4222.0 E02937.4	21	09.09
UP975 -LTAA	ERMUP	103	FL370	010 M06 247/048	479 514	66 1456	31.4 / 68.9 N4200.0 E03101.3	07	09.16
UP975	ROKVA	104	FL370	078 M06 250/046	479 514	30 1426	31.0 / 69.2 N4150.0 E03139.4	04	09.20
UP975	UNVUS	105	FL370	089 M06 252/045	479 514	23 1403	30.7 / 69.5 N4142.0 E03208.4	03	09.23
UP975	ASMOB	105	FL370	089 M06 252/045	479 514	4 1398	30.7 / 69.6 N4140.0 E03214.9	00	09.23
UP975	RELTU	105	FL370	089 M06 253/044	479 514	4 1394	30.6 / 69.6 N4139.0 E03219.4	01	09.24
UP975	APTOX	105	FL370	089 M06 254/044	479 514	9 1385	30.5 / 69.7 N4136.0 E03230.2	01	09.25
UP975	TEPKI	105	FL370	089 M06 257/042	479 514	24 1362	30.2 / 70.0 N4127.0 E03260.5	02	09.27
UP975	PIPUR	113	FL370	109 M06 259/041	479 510	13 1349	30.1 / 70.2 N4121.0 E03314.3	02	09.29
UP975	ORMAN	113	FL370	109 M06 260/041	479 511	8 1342	30.0 / 70.2 N4118.0 E03323.1	01	09.30
UP975	ERGUN	112	FL370	109 M06 272/036	479 512	70 1272	29.1 / 71.1 N4045.0 E03444.3	08	09.38
UL124	ASVOD	101	FL370	117 M05 285/031	480 512	136 1136	27.5 / 72.7 N4005.0 E03734.3	16	09.54
UL124	KONUK	105	FL370	141 M04 285/030	481 512	94 1042	26.4 / 73.9 N3931.0 E03928.0	11	10.05
UL124	EVSAS	103	FL370	141 M04 285/031	482 512	35 1007	25.9 / 74.3 N3919.0 E04011.3	04	10.09
UM688	BAYIR	122	FL370	133 M03 284/033	482 513	72 935	25.1 / 75.2 N3836.0 E04124.2	08	10.17
UM688	ULTED	121	FL370	122 M03 284/034	483 514	25 911	24.8 / 75.5 N3821.0 E04150.5	03	10.20
UM688	EMBAG	121	FL370	158 M02 283/035	483 515	23 888	24.5 / 75.7 N3808.0 E04213.5	03	10.23
UM688	OTKEP	121	FL370	158 M02 283/036	483 516	27 861	24.2 / 76.0 N3752.0 E04240.5	03	10.26
UM688 -ORBB	RATVO	116	FL370	160 M01 279/038	485 520	71 790	23.4 / 76.9 N3714.0 E04356.0	08	10.34
UM688	OTIDO	135	FL370	160 M01 276/039	485 514	29 761	23.0 / 77.2 N3652.0 E04420.5	04	10.38
UM688	DERNU	152	FL370	143 P00 266/039	487 499	102 659	21.8 / 78.5 N3518.0 E04507.8	12	10.50

UM688	SOBIL	172	FL370	110	488	48	21.2 / 79.1	06	10.56
				P01 261/038	484	611	N3430.0 E04510.1	/.....	
UM688	VAXEN	172	FL370	097	489	72	20.2 / 80.0	09	11.05
				P01 254/038	480	539	N3318.0 E04515.0	/.....	
UM688	SISIN	137	FL370	077	488	36	19.8 / 80.4	04	11.09
				P01 249/040	499	503	N3250.0 E04541.2	/.....	
UM688	PEBAD	138	FL370	077	490	151	17.9 / 82.3	18	11.27
				P02 235/055	489	352	N3050.0 E04730.9	/.....	
P975 -OKAC	SIDAD	134	FL370	027	489	78	17.0 / 83.3	10	11.37
				P02 233/055	491	274	N2953.0 E04830.7	/.....	
UP975	LOVAR	150	FL370	022	491	32	16.6 / 83.7	04	11.41
				P03 232/053	479	242	N2924.0 E04846.1	/.....	
UP975	SESRA	152	FL370	022	491	18	16.4 / 83.9	02	11.43
				P03 232/052	477	224	N2908.0 E04855.8	/.....	
UP975	DANAL	149	FL370	022	491	19	16.1 / 84.1	03	11.46
				P03 231/050	479	206	N2851.0 E04905.8	/.....	
UP975	IMDOX	149	FL370	014	491	19	15.9 / 84.4	02	11.48
				P03 231/048	479	187	N2835.0 E04915.6	/.....	
UP975 -OBBS	LONOS	150	FL370	014	491	5	15.8 / 84.4	00	11.48
				P03 231/048	479	182	N2830.0 E04917.2	/.....	
UL438	LOPOL	136	FL370	014	490	15	15.6 / 84.6	02	11.50
				P03 230/046	490	166	N2819.0 E04929.7	/.....	
UL438	ATBAG	136	FL370	014	490	13	15.5 / 84.8	02	11.52
				P03 230/045	490	153	N2809.0 E04939.7	/.....	
UL438	GODRI	143	FL370	014	491	7	15.4 / 84.9	01	11.53
				P03 230/044	484	146	N2803.0 E04943.1	/.....	
UL438	RAKSO	142	FL370	019	491	12	15.2 / 85.0	01	11.54
				P03 230/044	485	134	N2753.0 E04951.5	/.....	
UL438	GOGRA	143	FL370	019	491	5	15.2 / 85.1	01	11.55
				P03 230/044	485	129	N2749.0 E04954.7	/.....	
UL438	*TOD	143	*DES	019		5	15.1 / 85.1	01	11.56
				P03 230/044		125	N2745.0 E04957.7	/.....	
UL438	OBNA	143	*DES	019		23	15.1 / 85.2	02	11.58
				P05 236/034		102	N2727.0 E05011.0	/.....	
UL438	DEKTA	141	*DES	015		13	15.0 / 85.2	02	12.00
				P08 239/028		89	N2716.0 E05020.7	/.....	
UL438	VELOG	141	*DES	015		17	15.0 / 85.3	02	12.02
				P10 256/025		72	N2702.0 E05031.9	/.....	
UL438	KOBOK	142	*DES	025		4	15.0 / 85.3	01	12.03
				P10 260/025		67	N2659.0 E05034.8	/.....	
KOBOK1	ELELO	175	*DES	025		26	14.8 / 85.4	04	12.07
				P11 269/030		41	N2632.0 E05035.0	/.....	
KOBOK1	OBSAS	120	*DES	025		11	14.8 / 85.5	03	12.10
				P12 277/030		30	N2626.0 E05045.4	/.....	

KOBOK1	RIGAG	206	*DES 025	5	14.7 / 85.5	01	12.11
			P12 287/029	25	N2622.0 E05043.6	/.....	
KOBOK1	NAGAT	120	*DES 025	11	14.7 / 85.6	02	12.13
			P14 310/029	14	N2616.0 E05053.3	/.....	
KOBOK1	OBBI/30R	267	6 025	14	14.3 / 85.9	06	12.19
	BAHRAIN INTL				N2616.0 E05039.8	/.....	

WIND INFORMATION - OBS 31/MAR 12:00

(CLIMB)			ORF			LINND			JOOPY		
FL320	277/062	-53	FL370	254/078	-59	FL370	252/091	-55	FL390	233/070	-47
FL250	273/052	-35	FL350	261/073	-58	FL350	254/089	-56	FL370	234/078	-47
FL190	271/043	-20	FL330	267/072	-55	FL330	257/084	-55	FL350	235/086	-46
12000	268/035	-6	FL310	271/073	-51	FL310	262/078	-52	FL330	235/095	-45
6000	241/020	+2	FL290	273/071	-47	FL290	266/074	-48	FL310	235/103	-43
5040N			5230N			5320N			MALOT		
FL390	291/060	-57	FL390	316/026	-52	FL390	292/016	-55	FL390	279/024	-57
FL370	288/075	-56	FL370	313/024	-53	FL370	275/016	-56	FL370	269/029	-58
FL350	285/092	-54	FL350	308/021	-54	FL350	256/018	-58	FL350	260/035	-59
FL330	283/093	-51	FL330	303/018	-53	FL330	249/019	-57	FL330	255/038	-58
FL310	279/077	-47	FL310	299/014	-51	FL310	251/017	-53	FL310	253/038	-53
BAKUR			KONAN			BUPAL			GUBAX		
FL390	294/040	-55	FL390	297/037	-51	FL390	298/034	-50	FL410	288/025	-50
FL370	296/050	-56	FL370	302/044	-52	FL370	303/039	-51	FL390	290/027	-49
FL350	297/062	-57	FL350	307/052	-53	FL350	306/045	-52	FL370	291/028	-50
FL330	297/070	-56	FL330	308/058	-53	FL330	307/050	-52	FL350	293/028	-50
FL310	297/073	-52	FL310	307/060	-51	FL310	306/056	-52	FL330	294/029	-51
BOREP			ROKEM			IVOLI			ERGOM		
FL410	274/021	-49	FL410	254/020	-50	FL410	235/021	-50	FL410	230/026	-51
FL390	277/022	-49	FL390	250/020	-50	FL390	227/022	-50	FL390	224/026	-50
FL370	274/022	-50	FL370	242/019	-50	FL370	215/024	-51	FL370	212/029	-51
FL350	270/021	-50	FL350	232/019	-51	FL350	204/027	-52	FL350	200/033	-52
FL330	265/021	-51	FL330	226/019	-52	FL330	194/032	-53	FL330	188/036	-53
TEGRI			UBOGU			ARTAT			UNVUS		
FL410	230/036	-51	FL410	238/044	-54	FL410	250/051	-62	FL410	257/045	-64
FL390	222/038	-51	FL390	235/051	-53	FL390	246/056	-64	FL390	254/047	-65
FL370	218/039	-51	FL370	230/055	-53	FL370	243/056	-62	FL370	252/045	-63
FL350	216/040	-52	FL350	226/060	-52	FL350	239/055	-59	FL350	250/043	-59
FL330	212/039	-52	FL330	222/063	-51	FL330	237/054	-55	FL330	248/041	-55
ERGUN			ASVOD			EVSAS			EMBAG		
FL410	269/039	-64	FL410	277/034	-62	FL410	274/033	-61	FL410	269/037	-59
FL390	272/038	-65	FL390	284/033	-63	FL390	281/032	-62	FL390	277/036	-60
FL370	272/037	-62	FL370	285/031	-61	FL370	285/031	-61	FL370	284/036	-59
FL350	272/036	-59	FL350	286/029	-59	FL350	289/030	-59	FL350	291/036	-57
FL330	271/033	-55	FL330	285/027	-55	FL330	291/029	-55	FL330	296/035	-54
OTIDO			DERNU			VAXEN			PEBAD		
FL410	262/041	-57	FL410	253/043	-56	FL410	248/044	-56	FL410	237/052	-56
FL390	269/040	-58	FL390	258/041	-57	FL390	249/042	-56	FL390	237/052	-55
FL370	277/039	-57	FL370	267/040	-56	FL370	255/038	-55	FL370	235/056	-54
FL350	285/040	-56	FL350	277/039	-55	FL350	264/035	-54	FL350	233/061	-53
FL330	290/040	-53	FL330	285/040	-53	FL330	273/032	-52	FL330	232/061	-50
LOVAR			RAKSO			(DESCENT)					
FL410	232/051	-56	FL410	230/048	-57	FL360	241/044	-51			
FL390	231/049	-55	FL390	229/045	-55	FL290	256/037	-38			
FL370	233/053	-54	FL370	231/044	-54	FL210	264/021	-18			
FL350	235/060	-53	FL350	234/044	-52	FL140	280/023	-2			
FL330	235/060	-49	FL330	236/043	-48	7000	298/024	+14			

END FLIGHTPLAN 02076 TCC202D FOHGG KCLT-OBBI 31MAR2018

[ATC FLIGHTPLAN]

(FPL-TCC202D-IS

-B77L/H-SDE1FGHIJ1RWXYZ/LB1

-KCLT2150

-N0484F330 BARMY3 TYI J209 ORF DCT LINND DCT WHALE/N0485F350

N251A JOOPY NATV 49N050W/M084F350 NATV GISTI DCT BAKUR/N0483F350

DCT KONAN UL607 SPI/N0490F370 UL607 MATUG UZ660 ENITA Z660 ROKEM

Z650 PEPIK DCT ERGOM DCT TEGRI L605 NEKUL P975 ARTAT UP975 ERGUN

UL124 EVSAS UM688 PEBAD P975 SIDAD UP975 LONOS UL438 KOBOK

KOBOK1

-OBBI1219 OEDF

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/180331 REG/FOHGG

EET/KZDC0010 KZWW0046 KZBW0117 CZQM0130 CZQX0218 4950N0256

5040N0336 EGGX0422 5320N0506 EISN0528 MALOT0528 GISTI0532

BAKUR0606 EGT0606 EBUR0639 EDVV0658 EDUU0659 LKAA0726 LZBB0749

LHCC0800 LRBB0817 LBSR0848 LTBB0909 LTAA0916 ORBB1034 OKAC1137

OBBI1149

SEL/EGAE CODE/3B755A RVR/75 OPR/TRADEWIND CHARTER

ORGN/NTAATPCP PER/D

RALT/CYYT EINN

RMK/TCAS

-E/1437)

[PLANNING WEATHER]

ORIGIN: KCLT/CLT (CHARLOTTE/DOUGLAS INTL, UNITED STATES)

UTC -04:00

KCLT 311652Z 09009KT 10SM FEW250 16/M03 A3033 RMK A02 SLP270 T01561028
KCLT 311548Z 3116/0118 09006KT P6SM FEW250
FM311700 12005KT P6SM SKC
FM312000 19004KT P6SM FEW250
FM010700 21005KT P6SM SCT250

DESTINATION: OBBI/BAH (BAHRAIN INTL, BAHRAIN)

UTC +03:00

OBBI 311730Z 34014KT 8000 SKC 24/11 Q1012 NOSIG
OBBI 310500Z 3106/0112 33020G30KT 7000 NSC
PROB30 TEMPO 3106/3112 4000 DU

ALTERNATE: OEDF/DMM (KING FAHD INTL, SAUDI ARABIA)

UTC +03:00

OEDF 311700Z 36008KT CAVOK 23/07 Q1012 NOSIG
OEDF 310810Z 3112/0118 35015G27KT 7000 NSC

ALTERNATE: OTHH/DOH (HAMAD INTL, QATAR)

UTC +03:00

OTHH 311700Z AUTO 33016KT CAVOK 24/11 Q1010 NOSIG
OTHH 311053Z 3112/0118 33020KT 8000 NSC

EDTO AIRPORT: CYYT/YYT (ST JOHNS INTL, CANADA)

UTC -02:30

CYYT 311700Z 24016KT 10SM BKN007 OVC010 10/09 A2947 RMK SF55C3 SLP985
DENSITY ALT 500FT
AMD CYYT 311612Z 3116/0112 24015KT 2SM -RA -DZ BR OVC003
TEMPO 3116/3120 6SM BR OVC006
FM312000 26020KT P6SM SCT006 OVC012
TEMPO 3120/3123 2SM -RA -DZ BR OVC006
FM312300 27025G35KT P6SM SCT012 OVC025
TEMPO 3123/0102 4SM -SHRASN BR OVC012
FM010200 27030G40KT P6SM SCT015 BKN030
TEMPO 0102/0108 P6SM -SHSN BKN015 OVC030
FM010800 28030G40KT P6SM FEW030 RMK NXT FCST BY 311800Z

EDTO AIRPORT: EINN/SNN (SHANNON, IRELAND)

UTC +01:00

EINN 311730Z 03005KT 9999 FEW014 BKN060 09/01 Q1009 NOSIG
AMD EINN 311616Z 3116/0112 02008KT 9999 FEW020 BKN040
BECMG 3121/3124 06007KT
BECMG 0106/0109 09012KT
TEMPO 0110/0112 10015G25KT

KSBY/SBY (SALISBURY-OCEAN CITY WICOMICO, UNITED STATES)

UTC -04:00

KSBY 311654Z 00000KT 10SM CLR 12/M03 A3032 RMK A02 SLP268 T01221033
KSBY 311120Z 3112/0112 34007KT P6SM SKC
FM311600 05006KT P6SM SKC
FM311800 15006KT P6SM SKC
FM312000 17007KT P6SM SKC
FM010700 19007KT P6SM BKN150

KACK/ACK (NANTUCKET MEML, UNITED STATES)

UTC -04:00

KACK 311653Z 34010KT 10SM CLR 08/M07 A3024 RMK A02 SLP239 T00831067
KACK 311120Z 3112/0112 33014KT P6SM SKC
FM311700 35006KT P6SM SKC
FM312000 20006KT P6SM SKC
FM010800 19015KT P6SM BKN080

CYHZ/YHZ (STANFIELD INTL, CANADA)

UTC -03:00

CYHZ 311700Z 29021G28KT 270V330 15SM FEW030 FEW260 05/M02 A2990 RMK CF1CI1
SLP132
AMD CYHZ 311706Z 3117/0112 29020G30KT P6SM FEW030
BECMG 3122/3124 28012KT
BECMG 0101/0103 24010KT
FM011000 20012KT P6SM BKN180 RMK NXT FCST BY 311800Z

LFVP/FSP (ST PIERRE, CF)

UTC -02:00

LFVP 311700Z 28014KT 8000 BKN004 03/02 Q1000 NOSIG
LFVP 311400Z 3115/3124 24015KT 1300 -RA BR OVC002
PROB40 TEMPO 3115/3117 0400 FG VV001
BECMG 3117/3120 28025KT 9999 NSW BKN015
BECMG 3120/3123 28030G45KT SCT018

EIKY/KIR (KERRY, IRELAND)

UTC +01:00

EIKY 311700Z 32004KT 280V010 9999 +RA BKN032 BKN038 08/04 Q1009
EIKY 311400Z 3115/3121 35008KT 9999 SCT020 BKN030

EGKB/BQH (BIGGIN HILL, UNITED KINGDOM)

UTC +01:00

EGKB 311720Z 29006KT 250V320 9999 FEW022 BKN045 07/03 Q0999
AMD EGKB 311609Z 3116/3121 27010KT 9999 BKN016
TEMPO 3116/3121 -SHRA BKN010
PROB40 TEMPO 3116/3121 6000 SHRA BKN006

EDDF/FRA (FRANKFURT/MAIN, GERMANY)

UTC +02:00

EDDF 311720Z VRB07G18KT CAVOK 13/M01 Q0999 NOSIG
EDDF 311100Z 3112/0118 VRB03KT 9999 SCT045
BECMG 3112/3114 28006KT
TEMPO 3118/0103 BKN035
BECMG 3121/3123 22005KT
TEMPO 0103/0118 4500 SHRA BKN020TCU
BECMG 0106/0109 25011KT
PROB30 TEMPO 0112/0116 27015G25KT TSRA BKN015CB

LKKU/UHE (KUNOVICE, CZECH REPUBLIC)

UTC +02:00

NO WX DATA AVAILABLE

LRSB/SBZ (SIBIU, ROMANIA)

UTC +03:00

LRSB 311730Z 16006KT 130V190 CAVOK 17/03 Q1002
LRSB 311100Z 3112/0112 18010KT 9999 SCT050
BECMG 3119/3121 12010KT
TEMPO 0102/0106 3000 -RA -SHRA SCT035CB BKN060
BECMG 0104/0106 VRB04KT
PROB30 TEMPO 0110/0112 3000 TSRA SCT035CB BKN060

LTAS/ONQ (CAYCUMA, TURKEY)

UTC +03:00

LTAS 311350Z 36010KT 9999 FEW035 SCT100 BKN180 18/03 Q1016
LTAS 311340Z 3115/3124 VRB02KT 9999 SCT035

LTCD/ERC (ERZINCAN, TURKEY)

UTC +03:00

LTCD 311650Z VRB02KT 9999 FEW045 10/M01 Q1020 NOSIG
LTCD 311340Z 3115/3124 24007KT 9999 FEW045
BECMG 3115/3117 CAVOK

ORSU/ISU (SULAIMANIYAH INTL, IRAQ)

UTC +03:00

ORSU 311600Z 30006KT 8000 NSC 11/10 Q1018
ORSU 311000Z 3112/0112 28006KT 8000 SCT045
BECMG 3118/3120 VRB04KT CAVOK
TEMPO 0106/0112 26006KT 9999 SCT045

OIAA/ABD (ABADAN, IRAN)

UTC +04:30

OIAA 311700Z 29008KT CAVOK 24/03 Q1012
OIAA 311100Z 3112/0118 32006MPS 7000 NSC

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/3 TRACKS FLS 310/390 INCLUSIVE
MAR 31/1130Z TO MAR 31/1900Z
PART ONE OF THREE PARTS-

A ERAKA 60/20 61/30 61/40 60/50 URTAK
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370
EUR RTS WEST NIL
NAR NIL-

B GOMUP 59/20 60/30 60/40 59/50 AVUTI
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 310/390 INCLUSIVE
MAR 31/1130Z TO MAR 31/1900Z
PART TWO OF THREE PARTS-

C PIKIL 57/20 58/30 58/40 56/50 JANJO
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

D RESNO 56/20 57/30 57/40 55/50 LOMSI
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

E VENER 5530/20 5630/30 5630/40 5430/50 MELDI
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

F DOGAL 55/20 56/30 56/40 54/50 NEEKO
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 310/390 INCLUSIVE
MAR 31/1130Z TO MAR 31/1900Z
PART THREE OF THREE PARTS-

G MALOT 54/20 55/30 55/40 53/50 RIKAL
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

REMARKS.

1. TMI IS 090 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 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 THREE OF THREE PARTS)

(NAT-1/3 TRACKS FLS 310/400 INCLUSIVE
 APR 01/0100Z TO APR 01/0800Z
 PART ONE OF THREE PARTS-

T ALLRY 51/50 52/40 54/30 55/20 RESNO NETKI
 EAST LVLS 320 330 340 350 360 370 380 390 400
 WEST LVLS NIL
 EUR RTS EAST NIL
 NAR N389B N381B-

U ELSIR 50/50 51/40 53/30 54/20 DOGAL BEXET
 EAST LVLS 320 330 340 350 360 370 380 390 400
 WEST LVLS NIL
 EUR RTS EAST NIL
 NAR N333B N323A-

V JOOPY 49/50 50/40 52/30 53/20 MALOT GISTI
 EAST LVLS 320 330 340 350 360 370 380 390 400
 WEST LVLS NIL
 EUR RTS EAST NIL
 NAR N269A N261A-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 310/400 INCLUSIVE
 APR 01/0100Z TO APR 01/0800Z
 PART TWO OF THREE PARTS-

W NICSO 48/50 49/40 51/30 52/20 LIMRI XETBO
 EAST LVLS 320 330 340 350 360 370 380 390 400
 WEST LVLS NIL
 EUR RTS EAST NIL
 NAR N211E N197A-

X PORTI 47/50 48/40 50/30 51/20 DINIM ELSOX

EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N155A N139A-

Y SUPRY 46/50 47/40 49/30 50/20 SOMAX ATSUR
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N93A N75A-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 310/400 INCLUSIVE
APR 01/0100Z TO APR 01/0800Z
PART THREE OF THREE PARTS-

Z MUNEY 44/50 46/40 48/30 49/20 BEDRA NERTU
EAST LVLS 310 360 380
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

- 1.TMI IS 091 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF TH OCEANIC CLEARANCE READ BACK.
- 2.OPERATORS ARE REMINDED THAT ADS-C AND CPDLC ARE MANDATED FOR LEVELS 350-390 I NAT AIRSPACE.
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
NO ASSIGNED PBCS TRACKS
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.RLATSM PHASE 2 IS NOW IN EFFECT. OPERATORS ATTENTION IS DRAWN TO AIC 25/15.
- 7.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.
- 8.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.-

END OF PART THREE OF THREE PARTS)











