



Tradewind VA



Flight Briefing Package

TCC202C 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 1753 UTC

Fuel Planning (lb)	US Flag (Jet)	Fuel	Time
TRIP		188.062	12:20
10 PCT		16.222	01:14
HOLD	OBBI	4.476	00:20
ALTN	OEDF	4.410	00:16
INTL HOLD		6.712	00:30
CONT		3.287	00:15
MIN T/O		223.169	14:55
EXTRA		3.357	00:15
TAXI		1.026	00:18
RELEASE	KCLT	227.552	15:28
ARR FUEL	OBBI	38.008	02:42

Load Planning (lb)	N777TA	Plan	Limit
Empty Weight		344.243	
Payload	265+0 Pax	55.120	
Zero Fuel Weight		399.363	461.000
Fuel		227.552	358.500
Ramp Weight		626.915	768.000
Take-Off Weight KCLT		625.889	741.071
Landing Weight OBBI	Limit	437.827	491.999
Underload		54.172	Lim LDW

Cost Planning		
Flight Time	12:20\$	69.258
Fuel	189.544\$	72.318
Total	\$	141.576
Per Pax	\$	534
Per 3.000 lb Payload	\$	7.706

TRADEWIND ALASKA FLIGHTPLAN - IFR TCC202C N777TA KCLT-OBBI

ALL WEIGHTS IN POUNDS (LB)

STD 31MAR/2145Z

OFP 1 - PREPARED 31MAR/1753Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR202C/TCC202C N777TA/B777-2LR GE SEL/EGAF 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: 5890 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	344243	265	0	55120	54172	LDW	MAX 461000	741071	491999
							PLN 399363	625889	437827
							ACT .....	.....	.....

** TAKE-OFF DATA KCLT 18C **

COND: 625889 LB // RWY DRY // +16°C Q1027 090/09 // LMT: FIELD
CONFIG: FLAPS 5 // D-TO +53C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=161 VR=165 V2=168
ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	188062	.....	12:20	
10 PCT	16222	.....	01:14	
ALTN OEDF	4410	.....	00:16	
INTL HOLD	6712	.....	00:30	
HOLD	4476	.....	00:20	
CONT	3287	.....	00:15	
MIN T/O	223169	.....	14:55	.....
EXTRA	3357	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1026	.....	00:18	
RELEASE	227552	.....	15:28	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	38008	.....	02:42	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 358500 LB / MAX EXTRA FUEL 57529 LB LIM BY LDW
TRIP CORR FOR 10000 LB TOW INCR: +2546 LB / 10000 LB TOW DECR: -2682 LB
2000 FT LOWER: +4031 LB / EET 12:18 CLB: 250/310/84 DES: 84/320/250

KCLT	STD 21:45Z/17:45L	ETD 21:45Z	ACT OFBL	EST T/O 22:03Z	ACT T/O
OBBI	STA 11:40Z/14:40L	ETA 10:31Z	ACT ONBL	EST LDG 10:23Z	ACT LDG
	SKD 13:55	PLN 12:46	TTL BLCK	EST FLT 12:20	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 (02:36-04:44)
EINN (04:02-04:44)

ONE ENGINE OUT ETP 1 FOR CYYT/EINN

N51 25.3 W033 28.0 EET 04:07

1E084/320 DESC TO FL246 CRUISE AT 1E0320 134 NM BEFORE 5230N
 PLN FUEL OVER ETP 152371 ETP FUEL REQ 43869 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 150962 ETP FUEL REQ 47085 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 150962 ETP FUEL REQ 44908 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: N0483F330 BARMY3 TYI J209 ORF DCT LINND/N0480F350 DCT WHALE N251A
 JOOPY NATV 49N050W/M084F350 NATV GISTI DCT BAKUR/N0482F350 DCT KONAN
 UL607 BUPAL/N0488F370 UL607 MATUG UZ660 ENITA Z660 ROKEM Z650 PEPK
 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	4410	-	BAH DCT KFA
OTHH/34R	151	13000	025	TL006	00:29	8031	+3621	BAH N697 GOLKO N318 VELAM Z225 LABOV Y001 BAYAN BAYA1E

MOST CRITICAL MORA 16000 FT AT RATVO

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL REM / USED	LEG	ACC
-FIR	NAME		ISA	WND/SPD	GS	REM	POSITION	ETO / ATO		
	KCLT/18C		748	045				226.5 / 1.0		
	CHARLOTTE/DOUGLAS IN					6374	N3514.0 W08057.1	/.....		
BARMY3	MESHY	094	*CLB	045		26	221.9 / 6.3	06 00.06		
			P03	269/037		6348	N3515.0 W08028.9	/.....		
BARMY3	GULFY	089	*CLB	045		18	220.2 / 8.0	02 00.08		
			P02	270/044		6330	N3518.0 W08006.8	/.....		
BARMY3	BARMY	078	*CLB	045		13	219.2 / 9.1	02 00.10		
			P00	272/050		6316	N3522.0 W07951.5	/.....		
BARMY3	*BDRY	079	*CLB	038		2	219.0 / 9.2	00 00.10		
-KZDC			M00	272/051		6314	N3523.0 W07948.9	/.....		
BARMY3	BATTA	079	*CLB	038		37	216.6 / 11.6	05 00.15		
			M04	275/062		6277	N3536.0 W07905.2	/.....		
BARMY3	*TOC	080	FL330	038		483	215.5 / 12.0	01 00.16		
			M05	275/062	540	6269	N3538.0 W07856.8	/.....		
BARMY3	TYI	080	FL330	035	117.80	483	213.5 / 14.1	07 00.23		
	TAR RIVER ROCKY MOUN		M05	270/064	543	6206	N3559.0 W07742.2	/.....		

-EBUR				P01	307/052	536	2782	N5108.0	E00200.0	/.....
UL607	KOK	095	FL350	019	114.50	487	25	112.8 / 114.8	02	06.42
	KOKSY			P02	307/050	530	2757	N5106.0	E00239.1	/.....
UL607	FERDI	106	FL350	022		488	39	111.7 / 115.8	05	06.47
				P02	307/047	533	2718	N5055.0	E00338.2	/.....
UL607	BUPAL	107	*CLB	028			38	110.6 / 116.9	04	06.51
				P03	306/044		2680	N5043.0	E00436.0	/.....
UL607	REMBA	106	FL370	028		488	12	110.1 / 117.5	02	06.53
				P06	302/037	524	2667	N5040.0	E00455.8	/.....
UL607	SPI	107	FL370	036	113.10	488	28	109.3 / 118.2	03	06.56
	SPRIMONT			P06	300/035	524	2639	N5031.0	E00537.4	/.....
UL607	PELIX	100	FL370	036		488	5	109.2 / 118.4	00	06.56
				P06	300/035	522	2633	N5030.0	E00546.7	/.....
UL607	MATUG	100	FL370	043		488	24	108.5 / 119.1	03	06.59
-EDVV				P06	298/032	521	2610	N5025.0	E00622.1	/.....
UL607	*BDRY	096	FL370	043		488	8	108.3 / 119.3	01	07.00
-EDUU				P06	297/031	521	2602	N5024.0	E00635.5	/.....
UZ660	GUBAX	096	FL370	043		489	52	106.8 / 120.7	06	07.06
				P07	291/027	517	2550	N5017.0	E00755.6	/.....
UZ660	RASPU	096	FL370	049		489	85	104.5 / 123.1	10	07.16
				P07	276/022	513	2465	N5004.0	E01006.9	/.....
UZ660	BOREP	105	FL370	049		490	21	103.9 / 123.7	03	07.19
				P07	273/021	511	2443	N4958.0	E01038.6	/.....
UZ660	BAMAS	105	FL370	045		489	17	103.4 / 124.2	02	07.21
				P07	270/021	510	2426	N4953.0	E01103.7	/.....
UZ660	KEPOM	106	FL370	045		489	14	103.0 / 124.6	01	07.22
				P07	267/020	510	2413	N4948.0	E01123.9	/.....
UZ660	ENITA	095	FL370	051		489	43	101.8 / 125.8	05	07.27
-LKAA				P07	255/019	508	2370	N4942.0	E01228.4	/.....
Z660	ETVIS	099	FL370	051		489	14	101.4 / 126.1	02	07.29
				P06	252/019	507	2356	N4939.0	E01249.0	/.....
Z660	ROKEM	099	FL370	072		489	35	100.4 / 127.1	04	07.33
				P06	241/019	504	2321	N4932.0	E01342.6	/.....
Z650	IVOLI	102	FL370	072		489	113	97.2 / 130.4	14	07.47
				P05	215/023	497	2208	N4900.0	E01627.4	/.....
Z650	PEPIK	114	FL370	045		489	28	96.4 / 131.2	03	07.50
-LZBB				P05	211/024	491	2180	N4847.0	E01705.7	/.....
DCT	ERGOM	127	FL370	071		489	88	93.8 / 133.8	11	08.01
-LHCC				P05	211/028	483	2092	N4749.0	E01844.9	/.....
DCT	TEGRI	129	FL370	046		490	134	89.9 / 137.7	17	08.18
-LRBB				P05	218/038	484	1958	N4616.0	E02106.2	/.....
L605	GESBA	121	FL370	054		489	35	88.9 / 138.7	04	08.22
				P05	220/043	490	1923	N4555.0	E02147.4	/.....
L605	NEKUL	121	FL370	106		488	41	87.7 / 139.9	05	08.27

				P04 223/048 492 1881	N4531.0 E02235.2	/.....		
P975	UBOGU	112	FL370	107 488 99	84.9 / 142.6	12 08.39		
				P04 230/055 506 1782	N4446.0 E02440.0	/.....		
P975	RONBU	113	FL370	032 485 89	82.4 / 145.1	10 08.49		
-LBSR				P00 230/062 504 1692	N4403.0 E02630.8	/.....		
P975	ARTAT	120	FL370	050 479 170	77.7 / 149.9	21 09.10		
-LTBB				M05 242/056 499 1522	N4222.0 E02937.4	/.....		
UP975	ERMUP	103	FL370	010 478 66	75.9 / 151.6	08 09.18		
-LTAA				M06 247/048 513 1456	N4200.0 E03101.3	/.....		
UP975	ROKVA	104	FL370	078 478 30	75.1 / 152.4	03 09.21		
				M06 250/046 513 1426	N4150.0 E03139.4	/.....		
UP975	UNVUS	105	FL370	089 478 23	74.5 / 153.1	03 09.24		
				M06 252/045 513 1403	N4142.0 E03208.4	/.....		
UP975	ASMOB	105	FL370	089 478 4	74.4 / 153.2	00 09.24		
				M06 253/044 513 1398	N4140.0 E03214.9	/.....		
UP975	RELTU	105	FL370	089 478 4	74.2 / 153.3	01 09.25		
				M06 253/044 513 1394	N4139.0 E03219.4	/.....		
UP975	APTOX	105	FL370	089 478 9	74.0 / 153.5	01 09.26		
				M06 254/044 513 1385	N4136.0 E03230.2	/.....		
UP975	TEPKI	105	FL370	089 478 24	73.4 / 154.2	03 09.29		
				M06 257/042 513 1362	N4127.0 E03260.5	/.....		
UP975	PIPUR	113	FL370	109 478 13	73.0 / 154.5	01 09.30		
				M06 259/041 509 1349	N4121.0 E03314.3	/.....		
UP975	ORMAN	113	FL370	109 478 8	72.8 / 154.7	01 09.31		
				M06 260/041 510 1342	N4118.0 E03323.1	/.....		
UP975	ERGUN	112	FL370	109 478 70	71.0 / 156.6	08 09.39		
				M06 272/036 511 1272	N4045.0 E03444.3	/.....		
UL124	ASVOD	101	FL370	117 479 136	67.4 / 160.2	16 09.55		
				M05 285/031 511 1136	N4005.0 E03734.3	/.....		
UL124	KONUK	105	FL370	141 480 94	64.9 / 162.7	11 10.06		
				M04 285/030 510 1042	N3931.0 E03928.0	/.....		
UL124	EVSAS	103	FL370	141 480 35	63.9 / 163.6	04 10.10		
				M04 285/031 511 1007	N3919.0 E04011.3	/.....		
UM688	BAYIR	122	FL370	133 481 72	62.0 / 165.5	09 10.19		
				M03 284/033 511 935	N3836.0 E04124.2	/.....		
UM688	ULTED	121	FL370	122 481 25	61.4 / 166.2	03 10.22		
				M03 284/034 512 911	N3821.0 E04150.5	/.....		
UM688	EMBAG	121	FL370	158 482 23	60.8 / 166.8	02 10.24		
				M02 283/035 513 888	N3808.0 E04213.5	/.....		
UM688	OTKEP	121	FL370	158 482 27	60.1 / 167.5	03 10.27		
				M02 283/036 515 861	N3752.0 E04240.5	/.....		
UM688	RATVO	116	FL370	160 483 71	58.2 / 169.3	09 10.36		
-ORBB				M01 279/038 518 790	N3714.0 E04356.0	/.....		
UM688	OTIDO	135	FL370	160 484 29	57.5 / 170.1	03 10.39		

				M01	276/039	512	761	N3652.0	E04420.5	/.....		
UM688	DERNU	152	FL370	143		485	102	54.7 / 172.8	12	10.51		
				P00	266/039	497	659	N3518.0	E04507.8	/.....		
UM688	SOBIL	172	FL370	110		486	48	53.4 / 174.1	06	10.57		
				P01	261/039	482	611	N3430.0	E04510.1	/.....		
UM688	VAXEN	172	FL370	097		486	72	51.4 / 176.2	09	11.06		
				P01	254/038	478	539	N3318.0	E04515.0	/.....		
UM688	SISIN	137	FL370	077		486	36	50.4 / 177.1	05	11.11		
				P01	249/040	497	503	N3250.0	E04541.2	/.....		
UM688	PEBAD	138	FL370	077		487	151	46.4 / 181.2	18	11.29		
				P02	235/055	487	352	N3050.0	E04730.9	/.....		
P975 -OKAC	SIDAD	134	FL370	027		487	78	44.3 / 183.3	10	11.39		
				P02	233/055	489	274	N2953.0	E04830.7	/.....		
UP975	LOVAR	150	FL370	022		488	32	43.4 / 184.2	04	11.43		
				P03	232/053	476	242	N2924.0	E04846.1	/.....		
UP975	SESRA	152	FL370	022		488	18	42.9 / 184.7	02	11.45		
				P03	232/052	474	224	N2908.0	E04855.8	/.....		
UP975	DANAL	149	FL370	022		488	19	42.4 / 185.2	02	11.47		
				P03	231/050	477	206	N2851.0	E04905.8	/.....		
UP975	IMDOX	149	FL370	014		488	19	41.8 / 185.7	03	11.50		
				P03	231/048	476	187	N2835.0	E04915.6	/.....		
UP975 -OBBS	LONOS	150	FL370	014		488	5	41.7 / 185.9	00	11.50		
				P03	231/048	476	182	N2830.0	E04917.2	/.....		
UL438	LOPOL	136	FL370	014		488	15	41.3 / 186.3	02	11.52		
				P03	231/046	487	166	N2819.0	E04929.7	/.....		
UL438	ATBAG	136	FL370	014		488	13	40.9 / 186.6	02	11.54		
				P03	230/045	487	153	N2809.0	E04939.7	/.....		
UL438	GODRI	143	FL370	014		488	7	40.7 / 186.8	01	11.55		
				P03	230/044	482	146	N2803.0	E04943.1	/.....		
UL438	RAKSO	142	FL370	019		488	12	40.4 / 187.1	01	11.56		
				P03	231/044	482	134	N2753.0	E04951.5	/.....		
UL438	GOGRA	143	FL370	019		488	5	40.3 / 187.3	01	11.57		
				P03	231/044	482	129	N2749.0	E04954.7	/.....		
UL438	*TOD	143	*DES	019			4	40.2 / 187.4	00	11.57		
				P03	231/044		125	N2746.0	E04956.4	/.....		
UL438	OBNA	143	*DES	019			23	40.1 / 187.5	03	12.00		
				P05	237/034		102	N2727.0	E05011.0	/.....		
UL438	DEKTA	141	*DES	015			13	40.0 / 187.6	02	12.02		
				P08	239/028		89	N2716.0	E05020.7	/.....		
UL438	VELOG	141	*DES	015			17	39.9 / 187.7	02	12.04		
				P10	257/024		72	N2702.0	E05031.9	/.....		
UL438	KOBOK	142	*DES	025			4	39.9 / 187.7	01	12.05		
				P10	260/025		67	N2659.0	E05034.8	/.....		
KOBOK1	ELELO	175	*DES	025			26	39.6 / 188.0	04	12.09		

			P11 269/030	41	N2632.0 E05035.0	/.....
KOBOK1	OBSAS	120	*DES 025	11	39.5 / 188.2	02 12.11
			P12 277/030	30	N2626.0 E05045.4	/.....
KOBOK1	RIGAG	206	*DES 025	5	39.4 / 188.2	01 12.12
			P12 287/029	25	N2622.0 E05043.6	/.....
KOBOK1	NAGAT	120	*DES 025	11	39.2 / 188.4	03 12.15
			P14 310/029	14	N2616.0 E05053.3	/.....
KOBOK1	OBBI/30R	267	6 025	14	38.5 / 189.1	05 12.20
	BAHRAIN INTL				N2616.0 E05039.8	/.....

WIND INFORMATION - OBS 31/MAR 12:00

(CLIMB)			ORF			WHALE			JOOPY		
FL320	277/062	-53	FL370	254/078	-59	FL390	251/080	-51	FL390	232/070	-48
FL250	273/052	-35	FL350	261/074	-58	FL370	253/086	-51	FL370	233/078	-47
FL190	271/043	-20	FL330	267/072	-55	FL350	254/092	-52	FL350	235/086	-46
12000	268/035	-6	FL310	271/073	-51	FL330	258/088	-52	FL330	235/095	-45
6000	241/020	+2	FL290	273/072	-47	FL310	266/072	-51	FL310	235/104	-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	283/094	-51	FL330	304/017	-53	FL330	249/019	-57	FL330	256/038	-58
FL310	279/077	-47	FL310	299/014	-51	FL310	251/018	-53	FL310	253/038	-53
BAKUR			KONAN			REMBA			GUBAX		
FL390	295/040	-55	FL390	297/037	-51	FL410	296/030	-50	FL410	288/025	-50
FL370	296/050	-56	FL370	302/044	-52	FL390	298/033	-50	FL390	290/026	-49
FL350	297/062	-57	FL350	307/052	-53	FL370	302/038	-51	FL370	291/027	-50
FL330	297/070	-56	FL330	308/058	-53	FL350	306/043	-52	FL350	292/028	-50
FL310	297/073	-52	FL310	307/059	-51	FL330	307/049	-52	FL330	293/029	-51
BOREP			ROKEM			IVOLI			ERGOM		
FL410	274/021	-49	FL410	254/020	-50	FL410	234/021	-50	FL410	230/026	-51
FL390	276/022	-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	211/029	-51
FL350	269/021	-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	-62
FL350	215/040	-52	FL350	226/061	-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	290/030	-59	FL350	291/036	-57
FL330	271/033	-55	FL330	285/027	-55	FL330	292/029	-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	266/040	-56	FL370	255/038	-55	FL370	235/056	-54
FL350	285/040	-56	FL350	277/039	-55	FL350	263/035	-54	FL350	233/061	-53
FL330	290/040	-53	FL330	284/040	-53	FL330	273/032	-52	FL330	232/061	-50
LOVAR			RAKSO			(DESCENT)					
FL410	232/051	-56	FL410	230/048	-57	FL360	240/044	-51			
FL390	231/049	-55	FL390	229/045	-55	FL290	255/037	-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 02075 TCC202C N777TA KCLT-OBBI 31MAR2018

[ATC FLIGHTPLAN]

(FPL-TCC202C-IS

-B77L/H-SDE1FGHIJ1RWXYZ/LB1

-KCLT2145

-N0483F330 BARMY3 TYI J209 ORF DCT LINND/N0480F350 DCT WHALE
N251A JOOPY NATV 49N050W/M084F350 NATV GISTI DCT BAKUR/N0482F350
DCT KONAN UL607 BUPAL/N0488F370 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

-OBBI1220 OEDF

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/180331 REG/N777TA

EET/KZDC0010 KZWY0046 KZBW0117 CZQM0130 CZQX0218 4950N0256

5040N0336 EGGX0422 5320N0507 EISN0528 MALOT0528 GISTI0532

BAKUR0607 EGT0607 EBUR0640 EDVV0659 EDUU0700 LKAA0727 LZBB0750

LHCC0801 LRBB0818 LBSR0849 LTBB0910 LTAA0918 ORBB1036 OKAC1139

OBBI1150

SEL/EGAF CODE/AA84B2 RVR/75 OPR/TRADEWIND CHARTER

ORGN/PANCTAAP PER/D

RALT/CYYT EINN

RMK/TCAS

-E/1510)

[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 SF5SC3 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 NICS0 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)











