



Tradewind VA



Flight Briefing Package

TCC305B LEBL-KLAS

12-May-2019 #3

RELEASE #3

EL PRAT
(SPAIN)

-

MC CARRAN INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

12 MAY 1510 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		74.561	10:52
CONT 5%		3.728	00:38
HOLD	KLAS	1.981	00:20
ALTN	KVCV	3.313	00:30
FINAL RESV		2.962	00:30
ADD FUEL		1.191	00:12
MIN T/O		87.736	13:02
EXTRA		1.486	00:15
TAXI		936	00:18
RELEASE	LEBL	90.158	13:35
ARR FUEL	KLAS	14.037	02:13

Load Planning (kg)	PJTGD	Plan	Limit
Empty Weight		156.146	
Payload	265+0 Pax	24.910	
Zero Fuel Weight		181.056	209.106
Fuel		90.158	162.613
Ramp Weight		271.214	348.359
Take-Off Weight LEBL	Limit	270.278	279.417
Landing Weight KLAS		195.717	223.167
Underload		9.139	Lim TOW

Cost Planning

Flight Time	10:52\$	61.001
Fuel	76.121\$	60.277
Total	\$	121.278
Per Pax	\$	458
Per 3.000 kg Payload	\$	14.606

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC305B PJTGD LEBL-KLAS

 ALL WEIGHTS IN KILOGRAMS (KG) STD 12MAY/1830Z

OPF 3 - PREPARED 12MAY/1510Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR305B/TCC305B PJTGD/B777-2LR GE SEL/EFAD ROUTE: LEBLKLAS01

DEP: LEBL/BCN 25L ELEV 14 FT COST INDEX: 250 TTL G/C DIST: 5028 NM
 ARR: KLAS/LAS 26L ELEV 2181 FT INIT ALT: FL330 TTL F/P DIST: 5193 NM
 FUEL BIAS: 100.5% TTL AIR DIST: 5228 NM
 AVG WIND CMP: HD003 KT

ALT: KVCV/VCV 17 ELEV 2885 FT 160 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	265	0	24910	9139 TOW	MAX 209106	279417	223167
						PLN 181056	270278	195717
						ACT .....	.....	.....

 ** TAKE-OFF DATA LEBL 25L **

COND: 270278 KG // RWY DRY // +18°C Q1021 160/10 // LMT: STRUCT
 CONFIG: FLAPS 5 // D-T01 +36C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=155 VR=159 V2=164
 ENG OUT: LT TO 'RUBOT' [37.5 DME R 210 'SLL' 112.0] (030 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	74561	.....	10:52	
CONT 5%	3728	.....	00:38	
ALTN KVCV	3313	.....	00:30	
FINAL RESV	2962	.....	00:30	
HOLD	1981	.....	00:20	
ADD FUEL	1191	.....	00:12	
MIN T/O	87736	.....	13:02	.....
EXTRA	1486	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	936	.....	00:18	
RELEASE	90158	.....	13:35	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	14037	.....	02:13	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 10625 KG LIM BY ENRTE
 TRIP CORR FOR 4000 KG TOW INCR: +1392 KG / 4000 KG TOW DECR: -861 KG
 2000 FT LOWER: +1190 KG / EET 10:49 CLB: 250/310/84 DES: 84/320/250

 LEBL STD 18:30Z/20:30L ETD 18:30Z ACT OFBL EST T/O 18:48Z ACT T/O
 KLAS STA 06:45Z/23:45L ETA 05:52Z ACT ONBL EST LDG 05:40Z ACT LDG
 SKD 12:15 PLN 11:22 TTL BLCK EST FLT 10:52 TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (EINN)	29 NM BEFORE	5620N	N55 44.0 W019 16.4	EET 02:53
ETOPS EXIT (CYR)	145 NM BEFORE	URTAK	N58 50.1 W053 25.1	EET 05:05
ETOPS ENTRY (CYR)	348 NM BEFORE	GRAND	N57 23.0 W069 56.3	EET 06:10
ETOPS EXIT (CYWG)	256 NM BEFORE	YRL	N53 22.1 W087 53.3	EET 07:33

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (22:37-22:56)
 BIKF (22:44-01:04)

CYYR (00:44-03:45)
CYWG (03:16-03:45)

ONE ENGINE OUT DECOMP ETP 1 FOR EINN/BIKF N55 57.0 W019 51.7 EET 02:56
84/320/250 DESC TO FL100 CRUISE AT 1E0320 6 NM BEFORE 5620N
PLN FUEL OVER ETP 64340 ETP FUEL REQ 10851 DIV TIME 01:12
ETP TO EINN (N52 42.1 W008 55.5) DIST 430 NM WC HD010 TT 112
ETP TO BIKF (N63 59.1 W022 36.3) DIST 490 NM WC TL043 TT 351
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 1 FOR EINN/BIKF N55 57.0 W019 51.7 EET 02:56
84/320/250 DESC TO FL100 CRUISE AT AE320 6 NM BEFORE 5620N
PLN FUEL OVER ETP 64340 ETP FUEL REQ 10353 DIV TIME 01:12
ETP TO EINN (N52 42.1 W008 55.5) DIST 430 NM WC HD010 TT 112
ETP TO BIKF (N63 59.1 W022 36.3) DIST 490 NM WC TL043 TT 351
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 1 FOR EINN/BIKF N55 58.1 W019 54.7 EET 02:56
1E084/320 DESC TO FL251 CRUISE AT 1E0320 4 NM BEFORE 5620N
PLN FUEL OVER ETP 64312 ETP FUEL REQ 11043 DIV TIME 01:00
ETP TO EINN (N52 42.1 W008 55.5) DIST 432 NM WC HD006 TT 112
ETP TO BIKF (N63 59.1 W022 36.3) DIST 489 NM WC TL055 TT 352
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/CYYR N59 04.6 W042 41.3 EET 04:26
84/320/250 DESC TO FL100 CRUISE AT 1E0320 226 NM BEFORE 5950N
PLN FUEL OVER ETP 54058 ETP FUEL REQ 15858 DIV TIME 01:50
ETP TO BIKF (N63 59.1 W022 36.3) DIST 643 NM WC HD014 TT 054
ETP TO CYYR (N53 19.2 W060 25.6) DIST 684 NM WC TL013 TT 247

ALL ENGINE DECOMP ETP 2 FOR BIKF/CYYR N59 04.6 W042 41.3 EET 04:26
84/320/250 DESC TO FL100 CRUISE AT AE320 226 NM BEFORE 5950N
PLN FUEL OVER ETP 54058 ETP FUEL REQ 15127 DIV TIME 01:50
ETP TO BIKF (N63 59.1 W022 36.3) DIST 643 NM WC HD014 TT 054
ETP TO CYYR (N53 19.2 W060 25.6) DIST 684 NM WC TL013 TT 247

ONE ENGINE OUT ETP 2 FOR BIKF/CYYR N59 04.9 W043 05.6 EET 04:27
1E084/320 DESC TO FL265 CRUISE AT 1E0320 214 NM BEFORE 5950N
PLN FUEL OVER ETP 53893 ETP FUEL REQ 15198 DIV TIME 01:29
ETP TO BIKF (N63 59.1 W022 36.3) DIST 653 NM WC HD006 TT 055
ETP TO CYYR (N53 19.2 W060 25.6) DIST 672 NM WC TL010 TT 247

ONE ENGINE OUT DECOMP ETP 3 FOR CYYR/CYWG N55 22.9 W081 15.6 EET 07:00
84/320/250 DESC TO FL100 CRUISE AT 1E0320 518 NM BEFORE YRL
PLN FUEL OVER ETP 37014 ETP FUEL REQ 16254 DIV TIME 01:57
ETP TO CYYR (N53 19.2 W060 25.6) DIST 737 NM WC TL018 TT 091
ETP TO CYWG (N49 54.6 W097 14.4) DIST 667 NM WC HD021 TT 247

ALL ENGINE DECOMP ETP 3 FOR CYYR/CYWG N55 22.9 W081 15.6 EET 07:00
84/320/250 DESC TO FL100 CRUISE AT AE320 518 NM BEFORE YRL
PLN FUEL OVER ETP 37014 ETP FUEL REQ 15499 DIV TIME 01:57
ETP TO CYYR (N53 19.2 W060 25.6) DIST 737 NM WC TL018 TT 091
ETP TO CYWG (N49 54.6 W097 14.4) DIST 667 NM WC HD021 TT 247

ONE ENGINE OUT ETP 3 FOR CYYR/CYWG N55 19.8 W081 27.5 EET 07:01
1E084/320 DESC TO FL288 CRUISE AT 1E0320 511 NM BEFORE YRL
PLN FUEL OVER ETP 36911 ETP FUEL REQ 15668 DIV TIME 01:32
ETP TO CYYR (N53 19.2 W060 25.6) DIST 744 NM WC TL022 TT 091
ETP TO CYWG (N49 54.6 W097 14.4) DIST 659 NM WC HD034 TT 247

ATC ROUTE: N0495F330 GRAU2F GRAUS DCT POSSY UM601 BLV/N0491F340 UM601 DELOG
 UN864 TERKU UN490 BERAD UM142 OGAGI M142 DOLUR UN38 LESLU/N0485F360
 DCT DOGAL/M084F360 DCT 56N020W 58N030W/N0491F360 59N040W
 59N050W/M084F360 DCT URTAK/N0493F360 DCT IRBIM DCT LAKES/N0486F380
 DCT GRAND DCT YRL DCT HML J107 DPR DCT KD81W DCT KU54Q DCT HVE DCT
 GGAPP SITEE4

ALTERNATE PLANNING

 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KVCV/17 160 FL280 141 TL003 00:30 3313 - BOACH8 HEC J6 HELDE

MOST CRITICAL MORA 14700 FT AT KU54Q

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA	FREQ WND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO	ACC ATO
	LEBL/25L EL PRAT		14	080				89.2 / 0.9			
						5193		N4117.5 E00206.2/.....		
GRAU2F	D208H PRA208008	211	*CLB	080	P05 347/028		9	87.7 / 2.4	03 00.03		
						5184		N4109.9 E00159.9/.....		
GRAU2F	VNV VILLANUEVA	281	*CLB	054	380.0 P07 352/046		14	86.8 / 3.3	03 00.06		
						5170		N4112.6 E00142.4/.....		
GRAU2F	D283T BCN283020	352	*CLB	054	P08 352/058		10	86.3 / 3.9	02 00.08		
						5160		N4122.9 E00140.8/.....		
GRAU2F	RILUK	282	*CLB	054	P05 350/059		15	85.6 / 4.5	02 00.10		
						5145		N4126.2 E00121.1/.....		
GRAU2F	LRD LERIDA	282	*CLB	059	404.0 P00 341/058		32	84.5 / 5.6	04 00.14		
						5112		N4133.2 E00038.9/.....		
GRAU2F	*TOC	334	FL330	059	M00 341/060	495	4	84.4 / 5.8	01 00.15		
						436	5108	N4136.8 E00036.6/.....		
GRAU2F	GRAUS	334	FL330	059	M00 342/058	494	24	84.0 / 6.2	03 00.18		
						434	5084	N4158.7 E00022.6/.....		
DCT	POSSY	296	FL330	135	P00 343/055	493	11	83.8 / 6.4	02 00.20		
						451	5073	N4203.7 E00009.4/.....		
UM601 -LECM	MARIO	296	FL330	135	P00 344/051	493	20	83.4 / 6.7	02 00.22		
						453	5053	N4212.6 W00014.7/.....		
UM601	SURCO	296	FL330	132	P00 345/049	494	16	83.2 / 7.0	02 00.24		
						457	5037	N4219.7 W00034.1/.....		
UM601	XOMBO	296	FL330	132	P01 345/048	494	5	83.1 / 7.1	01 00.25		
						460	5032	N4221.9 W00040.0/.....		
UM601	RONNY	296	FL330	132	P01 346/047	494	9	82.9 / 7.2	01 00.26		
						461	5023	N4225.8 W00050.7/.....		
UM601	RONKO	296	FL330	132	P01 346/045	494	9	82.8 / 7.4	01 00.27		
						462	5014	N4229.8 W00101.8/.....		
UM601	GOSVI	296	FL330	090	P01 346/042	494	17	82.5 / 7.7	02 00.29		
						463	4997	N4237.0 W00122.2/.....		

UM601	TURPU	296	FL330 090	494	8	82.4 / 7.8	02	00.31
			P01 345/041	465	4989	N4240.7 W00132.6/.....	
UM601	PPN PAMPLONA	296	FL330 090	112.30	494	8	82.2 / 7.9	01 00.32
			P01 345/039	466	4981	N4244.0 W00142.1/.....	
UM601	MALOB	303	FL330 090	494	12	82.0 / 8.1	01	00.33
			P01 344/037	464	4969	N4250.7 W00156.3/.....	
	LEBB	303	FL330 098		6	81.9 / 8.2	01	00.34
			P01 000/035		4963	N4253.8 W00202.9/.....	
UM601	CEGAM	303	FL330 098	494	10	81.8 / 8.4	01	00.35
			P01 344/035	466	4953	N4259.0 W00214.2/.....	
UM601	BLV BILBAO	303	*CLB 098	115.90	36	81.2 / 9.0	05	00.40
			P01 342/032		4917	N4318.3 W00256.2/.....	
UM601	DOSUL	324	FL340 080	491	28	80.7 / 9.5	03	00.43
			P01 341/032	459	4889	N4340.8 W00319.0/.....	
UM601	XORNA	324	FL340 080	491	10	80.5 / 9.7	02	00.45
			P01 341/032	460	4879	N4348.8 W00327.1/.....	
UM601	DELOG	324	FL340 080	491	39	79.9 / 10.3	05	00.50
-LFFF			P01 340/030	461	4840	N4419.7 W00359.3/.....	
UN864	PEPET	007	FL340 010	491	46	79.1 / 11.0	06	00.56
			P01 340/030	464	4795	N4505.1 W00352.0/.....	
UN864	INBAB	006	FL340 010	491	30	78.6 / 11.5	04	01.00
			P01 339/030	463	4765	N4534.4 W00348.6/.....	
UN864	NOVAN	007	FL340 010	491	45	77.9 / 12.3	05	01.05
			P01 337/032	463	4720	N4619.3 W00342.0/.....	
	LFRB	003	FL340 010		27	77.4 / 12.7	04	01.09
			P01 349/030		4693	N4646.7 W00340.7/.....	
UN864	IDRIK	003	FL340 021	491	49	76.6 / 13.5	06	01.15
			P01 334/033	461	4643	N4736.0 W00338.5/.....	
UN864	POMTA	004	FL340 021	491	11	76.5 / 13.7	02	01.17
			P01 333/033	461	4632	N4747.2 W00337.7/.....	
UN864	TERKU	003	FL340 031	491	15	76.2 / 13.9	02	01.19
			P01 333/033	461	4617	N4801.8 W00337.0/.....	
UN490	BERAD	314	FL340 031	491	24	75.8 / 14.3	03	01.22
			P01 330/031	459	4593	N4818.1 W00403.7/.....	
UM142	NERLA	333	FL340 023	492	47	75.0 / 15.1	06	01.28
			P01 322/029	461	4546	N4859.6 W00437.9/.....	
UM142	GANTO	332	FL340 023	492	28	74.6 / 15.6	04	01.32
			P01 316/028	463	4518	N4923.8 W00458.9/.....	
UM142	OGAGI	332	FL340 015	492	4	74.5 / 15.6	00	01.32
-EGTT			P01 315/028	464	4514	N4927.4 W00502.0/.....	
M142	DOLUR	332	FL340 015	492	2	74.5 / 15.7	00	01.32
			P01 315/028	464	4512	N4929.1 W00503.4/.....	
	EINN	312	FL340 015		144	72.2 / 18.0	19	01.51

P02 244/030 4368 N5059.4 W00758.8/.....
 UN38 LESLU 311 *CLB 021 1 72.2 / 18.0 00 01.51
 -EISN P01 279/028 4367 N5100.0 W00800.0/.....

----- 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 DOGAL 311 FL360 049 484 313 67.3 / 22.9 40 02.31
 -EGGX P00 212/061 480 4054 N5400.0 W01500.0/.....

----- ETOPS ENTRY (EINN) 0029 NM BEFORE 5620N EET 02:53 -----

*ETP 1 312 FL360 010 485 206 64.3 / 25.8 25 02.56
 EINN/BIKF P02 196/076 500 3847 N5558.1 W01954.7/.....

DCT 5620N 312 FL360 010 485 4 64.3 / 25.9 01 02.57
 56N020W P02 195/076 501 3843 N5600.0 W02000.0/.....

DCT 5830N 304 FL360 010 491 348 59.4 / 30.7 42 03.39
 -CZQX 58N030W P07 178/065 506 3495 N5800.0 W03000.0/.....

DCT 5940N 300 FL360 010 495 319 55.2 / 35.0 37 04.16
 59N040W P10 133/024 514 3176 N5900.0 W04000.0/.....

DCT *BDRY 294 FL360 010 494 81 54.1 / 36.1 10 04.26
 -BGGL P09 108/020 513 3095 N5904.5 W04236.3/.....

*ETP 2 292 FL360 010 494 3 54.1 / 36.1 00 04.26
 -CZQX BIKF/CYYR P09 107/020 513 3093 N5904.6 W04241.3/.....

DCT 5950N 292 FL360 054 494 226 51.1 / 39.1 26 04.52
 -BGGL 59N050W P08 066/013 507 2866 N5900.0 W05000.0/.....

DCT *BDRY 289 FL360 010 494 18 50.8 / 39.3 03 04.55
 -CZQX P09 063/013 507 2849 N5858.7 W05034.4/.....

----- ETOPS EXIT (CYYR) 0145 NM BEFORE URTAK EET 05:05 -----

DCT URTAK 286 FL360 010 493 234 47.7 / 42.4 27 05.22
 P06 016/024 503 2615 N5828.0 W05800.0/.....

DCT IRBIM 303 FL360 010 489 80 46.7 / 43.5 10 05.32
 -CZUL P04 013/025 492 2535 N5839.2 W06032.0/.....

DCT LAKES 270 FL360 078 487 95 45.4 / 44.8 11 05.43
 P01 013/019 500 2440 N5759.9 W06316.0/.....

----- ETOPS ENTRY (CYWR) 0348 NM BEFORE GRAND EET 06:10 -----

DCT GRAND 279 FL380 033 494 565 37.7 / 52.5 0111 06.54
 -CZWG P08 246/025 468 1874 N5542.2 W08000.0/.....

*ETP 3 261 FL380 018 494 47 37.0 / 53.1 06 07.00
 CYWR/CYWG P08 260/026 468 1828 N5522.9 W08115.6/.....

----- ETOPS EXIT (CYWG) 0256 NM BEFORE YRL EET 07:33 -----

DCT	YRL RED LAKE	246	FL380	030	114.00	488	518	30.1 / 60.1	0106	08.06
				P02	314/030	481	1309	N5104.3 W09345.7/.....	
DCT	*BDRY	226	FL380	030		487	174	27.9 / 62.3	21	08.27
-KZMP				P01	321/034	490	1135	N4900.0 W09655.8/.....	
DCT	HML HUMBOLDT	221	FL380	041	112.40	487	11	27.7 / 62.4	01	08.28
				P01	321/035	491	1124	N4852.2 W09707.0/.....	
	KRAP	218	FL380	041		164		25.7 / 64.5	20	08.48
				M01	312/052		961	N4647.5 W09944.7/.....	
J107	DPR DUPREE	214	FL380	046	116.80	483	132	24.0 / 66.1	16	09.04
				M03	326/055	497	828	N4504.7 W10142.9/.....	
DCT	*BDRY	220	FL380	055		483	24	23.7 / 66.4	03	09.07
-KZDV				M03	326/054	489	804	N4447.9 W10208.1/.....	
DCT	KD81W	220	FL380	097		482	112	22.4 / 67.8	14	09.21
				M05	327/051	490	692	N4330.0 W10400.0/.....	
	KSLC	219	FL380	143		183		20.1 / 70.1	22	09.43
				M05	312/026		509	N4122.9 W10658.8/.....	
DCT	KU54Q	216	FL380	147		482	200	17.7 / 72.5	25	10.08
-KZLC				M04	001/015	493	309	N3900.0 W11000.0/.....	
DCT	HVE HANKSVILLE	213	FL380	139	115.90	483	48	17.1 / 73.1	06	10.14
				M04	013/011	493	261	N3825.0 W11042.0/.....	
	KLAS	222	FL380	139		69		16.2 / 73.9	08	10.22
				M04	330/006		192	N3742.6 W11151.1/.....	
DCT	GGAPP	221	FL380	136		483	17	16.0 / 74.1	02	10.24
				M04	022/009	491	175	N3732.0 W11208.1/.....	
SITEE4	*BDRY	228	FL380	136		483	4	16.0 / 74.2	01	10.25
-KZLA				M04	023/009	491	171	N3730.0 W11212.3/.....	
SITEE4	*TOD	228	FL380	136		483	51	15.4 / 74.8	06	10.31
				M04	011/009	490	120	N3703.4 W11307.2/.....	
SITEE4	KSINO	227	*DES	126		55		15.2 / 74.9	07	10.38
				P07	088/010		65	N3634.5 W11405.1/.....	
SITEE4	ZIGGG	226	*DES	103		21		15.1 / 75.0	03	10.41
				P09	055/005		44	N3623.1 W11427.5/.....	
SITEE4	SITEE	226	*DES	103		10		15.1 / 75.1	02	10.43
				P10	026/005		34	N3617.7 W11437.9/.....	
SITEE4	ARVDD	188	*DES	103		11		15.0 / 75.1	02	10.45
				P11	353/004		23	N3607.7 W11442.2/.....	
SITEE4	PRINO	188	*DES	103		4		15.0 / 75.1	00	10.45
				P12	321/002		19	N3604.4 W11443.7/.....	
SITEE4	KLAS/26L MC CARRAN INTL	259	2181	141		19		14.7 / 75.5	07	10.52
								N3604.4 W11507.6/.....	

WIND INFORMATION - OBS 12/MAY 06:00

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(CLIMB)          MARIO          DOSUL          INBAB
FL320  341/068 -49  FL370  345/061 -59  FL380  343/036 -60  FL380  340/034 -60
FL260  348/060 -33  FL350  344/056 -55  FL360  343/035 -56  FL360  340/033 -56
FL190  353/054 -14  FL330  344/052 -50  FL340  342/033 -51  FL340  339/031 -51
FL130  353/039  -4  FL310  345/048 -45  FL320  343/031 -46  FL320  339/029 -46
 6000  341/015  +8  FL290  347/045 -40  FL300  343/029 -41  FL300  338/028 -41

IDRIK          GANTO          DOGAL          5620N
FL380  337/038 -60  FL380  319/032 -60  FL400  211/054 -61  FL400  197/066 -56
FL360  336/036 -56  FL360  318/030 -56  FL380  211/059 -60  FL380  196/074 -56
FL340  334/033 -51  FL340  317/029 -51  FL360  212/062 -56  FL360  196/077 -55
FL320  333/031 -46  FL320  315/028 -46  FL340  214/065 -52  FL340  196/080 -53
FL300  330/029 -41  FL300  312/027 -41  FL320  210/060 -47  FL320  194/076 -48

5830N          5940N          5950N          URTAK
FL400  178/049 -47  FL400  142/023 -45  FL400  064/012 -46  FL400  026/013 -48
FL380  178/056 -48  FL380  137/024 -45  FL380  063/013 -46  FL380  021/017 -48
FL360  178/066 -49  FL360  134/025 -46  FL360  067/014 -48  FL360  016/024 -50
FL340  179/076 -51  FL340  131/026 -47  FL340  070/015 -50  FL340  013/032 -51
FL320  177/077 -50  FL320  121/028 -49  FL320  089/012 -51  FL320  012/037 -51

LAKES          GRAND          YRL          HML
FL400  023/010 -51  FL420  248/020 -48  FL420  313/026 -53  FL420  320/029 -54
FL380  019/014 -53  FL400  246/023 -48  FL400  314/028 -54  FL400  322/033 -55
FL360  014/019 -55  FL380  247/026 -48  FL380  315/031 -55  FL380  322/035 -55
FL340  010/025 -57  FL360  252/032 -50  FL360  316/034 -56  FL360  318/037 -56
FL320  010/026 -54  FL340  256/038 -51  FL340  317/037 -57  FL340  314/038 -56

DPR          KD81W          KU54Q          (DESCENT)
FL420  324/040 -58  FL420  325/038 -60  FL420  344/011 -63  FL370  048/020 -59
FL400  325/048 -59  FL400  326/046 -61  FL400  356/013 -63  FL300  047/018 -42
FL380  326/055 -60  FL380  328/052 -61  FL380  001/015 -61  FL220  065/019 -23
FL360  328/057 -57  FL360  328/053 -58  FL360  357/014 -57  15000  061/012  -8
FL340  330/059 -55  FL340  329/053 -54  FL340  353/014 -52   7000  022/003 +11

```

 END FLIGHTPLAN 03103 TCC305B PJTGD LEBL-KLAS 12MAY2019

[ATC FLIGHTPLAN]

(FPL-TCC305B-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-LEBL1830
-N0495F330 GRAUS DCT POSSY UM601 BLV/N0491F340 UM601 DELOG UN864
TERKU UN490 BERAD UM142 OGAGI M142 DOLUR UN38 LESLU/N0485F360
DCT DOGAL/M084F360 DCT 56N020W 58N030W/N0491F360 59N040W
59N050W/M084F360 DCT URTAK/N0493F360 DCT IRBIM DCT
LAKES/N0486F380 DCT GRAND DCT YRL DCT HML J107 DPR DCT KD81W DCT
KU54Q DCT HVE DCT GGAPP SITEE4
-KLAS1052 KVCV
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/190512 REG/PJTGD
EET/LECM0022 LFFF0050 EGTT0132 EISN0151 EGGX0231 56N020W0257
CZQX0339 59N040W0416 BGGL0426 59N050W0452 CZQX0455 CZUL0532
CZWG0654 KZMP0827 KZDV0907 KZLC1008 KZLA1025
SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/D
RALT/CYWG CYR BIKF EINN
RMK/TCAS
-E/1317)

[PLANNING WEATHER]

ORIGIN: LEBL/BCN (EL PRAT, SPAIN)

UTC +02:00

LEBL 121500Z 15008KT 120V190 CAVOK 18/12 Q1021 NOSIG
LEBL 121100Z 1212/1312 16010KT 9999 FEW025 TX20/1212Z TN12/1306Z
BECMG 1219/1222 VRB05KT

DESTINATION: KLAS/LAS (MC CARRAN INTL, UNITED STATES)

UTC -07:00

KLAS 121456Z 00000KT 10SM FEW250 22/06 A2992 RMK A02 SLP112 T02220061
52014
KLAS 121447Z 1215/1318 VRB05KT P6SM FEW120 FEW250
FM121900 10006KT P6SM FEW120
FM130400 21006KT P6SM SKC

ALTERNATE: KVCV/VCV (SOUTHERN CALIFORNIA LOGISTICS, UNITED STATES) UTC -07:00

KVCV 121445Z 12004KT 10SM SKC A2999
NO TAF AVAILABLE

EDTO AIRPORT: CYWG/YWG (RICHARDSON INTL, CANADA)

UTC -05:00

CYWG 121420Z 34005KT 3SM BR OVC003 06/06 A2983 RMK ST8 SLP109
AMD CYWG 121206Z 1212/1312 28005KT 1/2SM FG OVC003
TEMPO 1212/1214 1/8SM FG VV002
BECMG 1214/1216 P6SM NSW BKN006 OVC020
FM121600 32008KT P6SM BKN020
TEMPO 1216/1217 BKN006 OVC020
FM121800 36008KT P6SM BKN030
FM122000 03008KT P6SM FEW040 SCT240
BECMG 1301/1303 16008KT
FM130600 18010KT P6SM SCT060 BKN180
RMK NXT FCST BY 121800Z

EDTO AIRPORT: CYR/YR (GOOSE BAY, CANADA)

UTC -03:00

CYR 121400Z 05009KT 15SM FEW015 OVC036 03/M01 A2999 RMK SC1SC7 SLP159
CYR 121130Z 1212/1312 05008KT P6SM SCT010 BKN025
TEMPO 1212/1224 5SM -SHRA BR OVC010
FM130000 34005KT P6SM BKN025
TEMPO 1300/1312 BKN020
BECMG 1301/1303 VRB03KT
RMK NXT FCST BY 121800Z

EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 121500Z 10019KT 9999 VCSH BKN043 BKN055 07/M05 Q1024
BIKF 121332Z 1215/1315 10025KT 9999 FEW035 TX09/1312Z TN04/1300Z
BECMG 1217/1219 8000 -RADZ BKN015 OVC025
BECMG 1302/1304 13028G44KT
TEMPO 1307/1311 5000 RA BR OVC010
BECMG 1310/1312 16022KT

EDTO AIRPORT: EINN/SNN (SHANNON, IRELAND)

UTC +01:00

EINN 121500Z 16015KT CAVOK 17/04 Q1033 NOSIG
EINN 121100Z 1212/1312 16015KT 9999 FEW030
TEMPO 1212/1216 15016G26KT
BECMG 1221/1224 13011KT
BECMG 1307/1310 16014KT
TEMPO 1310/1312 15015G26KT

ADEQUATE: LEBB/BIO (BILBAO, SPAIN)

UTC +02:00

LEBB 121500Z 06010KT 020V140 9999 FEW045 20/10 Q1029 NOSIG
LEBB 121100Z 1212/1312 12005KT 9999 SCT035 TX19/1215Z TN08/1305Z
TEMPO 1212/1219 03010KT

ADEQUATE: LFRB/BES (BRETAGNE, FRANCE)

UTC +02:00

LFRB 121500Z AUTO VRB04KT 9999 FEW043 SCT060 18/10 Q1034 NOSIG
LFRB 121100Z 1212/1318 13008KT 9999 FEW043

ADEQUATE: KRAP/RAP (RAPID CITY REGL, UNITED STATES)

UTC -06:00

KRAP 121452Z 34006KT 10SM CLR 10/02 A2990 RMK A02 SLP133 T01000017 50004
KRAP 121124Z 1212/1312 34010KT P6SM FEW250
FM130000 VRB05KT P6SM FEW250

ADEQUATE: KSLC/SLC (SALT LAKE CITY INTL, UNITED STATES)

UTC -06:00

KSLC 121454Z 14008KT 10SM FEW220 16/03 A3001 RMK A02 SLP128 T01610028
50008 VISNO NW RNWY
KSLC 121120Z 1212/1318 16007KT P6SM SKC
FM121900 30009KT P6SM SKC
FM130300 15006KT P6SM SKC

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

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

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

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

C NEBIN 5430/20 5630/30 5630/40 5530/50 KODIK
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

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

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

F ADARA 5230/20 5430/30 5430/40 5330/50 PELTU
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
MAY 12/1130Z TO MAY 12/1900Z
PART TWO OF TWO PARTS-

G DINIM 52/20 54/30 54/40 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 132 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. OPERATORS ARE REMINDED THAT ADS-C AND CPDLC IS MANDATED FOR LEVELS 350-390 IN NAT AIRSPACE.
3. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS TRACK B

TRACK C
TRACK D
TRACK E
TRACK F
TRACK G

END OF PBCS OTS

4.FOR STRATEGIC LATERAL OFFSET AND CONTINGENCY PROCEDURES FOR OPS IN
NAT FLOW REFER TO NAT PROGRAMME COORDINATION WEBSITE
WWW.PARIS.ICAO.INT.

SLOP SHOULD BE STANDARD PROCEDURE, NOT JUST FOR AVOIDING WX/TURB.

5.80 PERCENT OF GROSS NAVIGATION ERRORS RESULT FROM POOR COCKPIT
PROCEDURES. CONDUCT EFFECTIVE WAYPOINT CHECKS.

6.OPERATORS ARE REMINDED THAT CLEARANCES MAY DIFFER FROM THE
FLIGHT PLAN, FLY THE CLEARANCE.

7.UK AIP. ENR 2.2.4.2 PARA 5.2 STATES THAT NAT OPERATORS SHALL FILE
PRM'S.

8.FLIGHTS REQUESTING WESTBOUND OCEANIC CLEARANCE VIA ORCA DATALINK
SHALL INCLUDE IN RMK/ FIELD THE HIGHEST ACCEPTABLE FLIGHT LEVEL WHICH
CAN

BE MAINTAINED AT OAC ENTRY POINT.

9.ALL ADSC CPDLC EQUIPPED FLIGHTS NOT LOGGED ON TO A DOMESTIC ATSU
PRIOR TO ENTERING THE SHANWICK OCA MUST INITIATE A LOGON TO EGGX
BETWEEN 10

AND 25 MINUTES PRIOR TO OCA ENTRY.-

END OF PART TWO OF TWO PARTS)

(NAT-1/3 TRACKS FLS 320/400 INCLUSIVE

MAY 13/0100Z TO MAY 13/0800Z

PART ONE OF THREE PARTS-

R JOOPY 49/50 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 N269A N277A-

S NICS0 48/50 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 N211E N205B-

T OMSAT 4730/50 4930/40 5130/30 5230/20 TOBOR RILED
EAST LVLS 350 360 370 380 390
WEST LVLS NIL
EUR RTS EAST NIL
NAR N183A N175E-

U PORTI 47/50 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 N155A N141D-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 320/400 INCLUSIVE

MAY 13/0100Z TO MAY 13/0800Z

PART TWO OF THREE PARTS-

V SUPRY 46/50 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 N93A N79A-

W RAFIN 45/50 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 N59C N49C-

X DOVEY 42/60 44/50 46/40 48/30 49/20 BEDRA NASBA
EAST LVLS 320 330 350 360 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

Y SOORY 43/50 45/40 47/30 48/20 48/15 OMOKO GUNSO
EAST LVLS 320 330 350 360 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 320/400 INCLUSIVE
MAY 13/0100Z TO MAY 13/0800Z
PART THREE OF THREE PARTS-

Z 35/60 42/50 44/40 46/30 47/20 47/15 ETIKI REGHI
EAST LVLS 320 330 350 360 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

- 1.THE TMI IS 133 AND OPERATORS ARE REMINDED TO INCLUDE THE NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
- 2.OPERATORS ARE REMINDED THAT ADS-C AND CPDLC ARE MANDATED FOR LEVELS 350-390 IN NAT AIRSPACE.
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK S
TRACK T
TRACK U
END OF PBCS OTS.
- 4.CLEARANCE DELIVERY FREQUENCY ASSIGNMENTS FOR AIRCRAFT OPERATING FROM AVPUT TO TALGO INCLUSIVE:AVPUT TO LIBOR 132.02,
MAXAR TO VESMI 134.2, AVUTI TO JANJO 128.7,KODIK TO TUDEP 135.45,
UMESI TO JOOPY 135.05, MUSAK TO SUPRY 128.45,RAFIN TO TALGO 119.42.
- 5.80% OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT PROCEDURES ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.
- 6.OPERATORS ARE ADVISED THAT VERSION 24 OF THE GANDER DATA LINK OCEANIC CLEARANCE DELIVERY CREW PROCEDURES IS NOW VALID AND AVAILABLE AS NAT OPS BULLETIN 2015-004 ON THE WWW.PARIS.ICAO.INT WEBSITE.
- 7.OPERATORS ARE REMINDED THAT EASTBOUND AIRCRAFT INTENDING TO OPERATE IN THE OTS ARE REQUIRED TO COMPLY WITH NAR FLIGHT PLANNING RULES AS DEFINED IN THE CANADA FLIGHT SUPPLEMENT OR WITH ROUTES AS CONTAINED IN THE DAILY BOSTON ADVISORY.
- 8.OPERATORS ARE ADVISED TO CONSULT NOTAM A0596/19 REGARDING ADS-C.
9. F320 EXPIRES AT 30W AT 0600Z ON TRACKS Y AND Z. -

END OF PART THREE OF THREE PARTS)

TR305B #3

KLAS ← — LEBL

ETD 12 May 18:30z
PJTGD B77L



Route Chart

ETOPS 120

TR305B #3
LEBL-KLAS

12 May 2019
PJTGD B77L

Lambert Conical Projection
Standard Parallels: 43N and 51N



Wind Chart

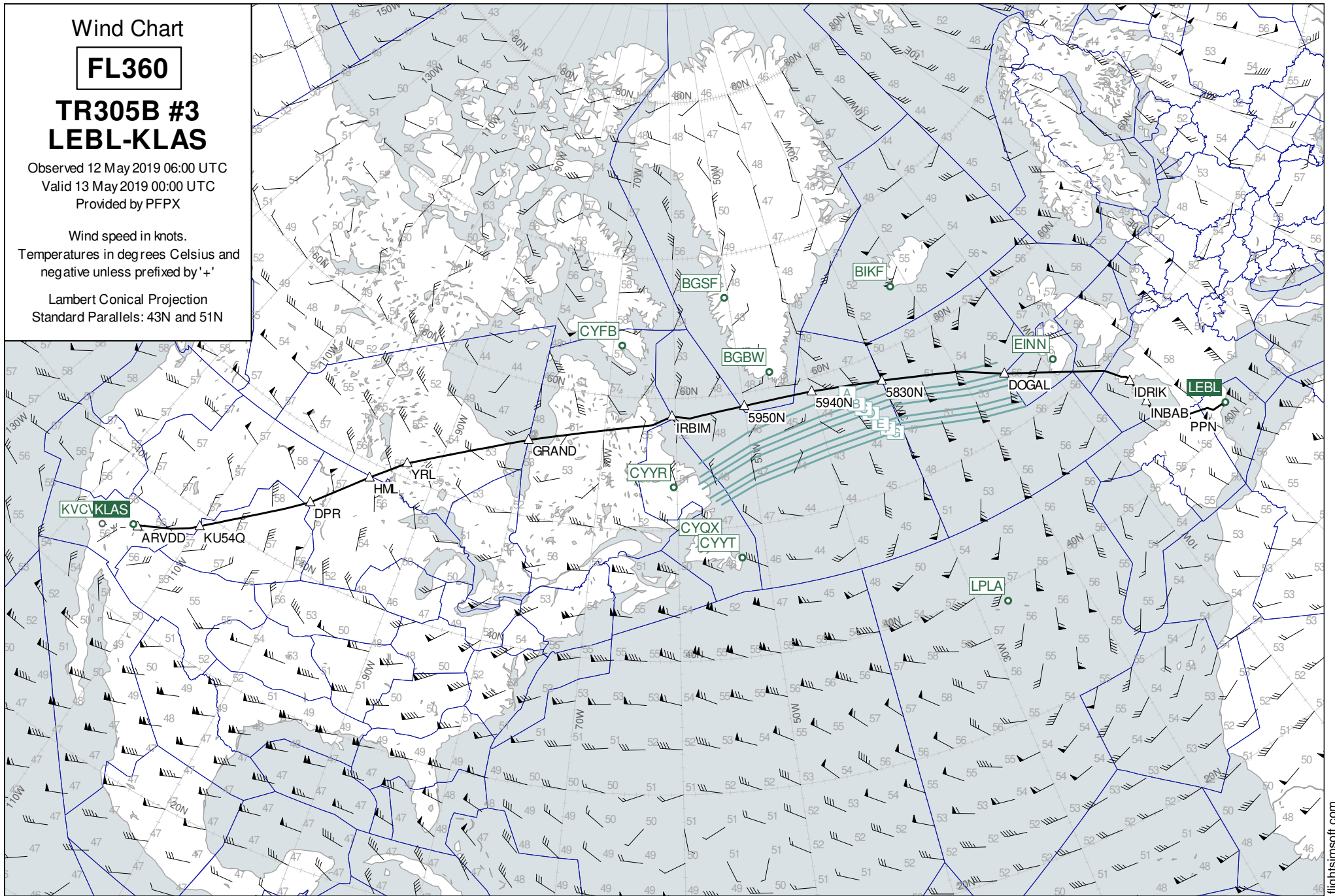
FL360

TR305B #3 LEBL-KLAS

Observed 12 May 2019 06:00 UTC
Valid 13 May 2019 00:00 UTC
Provided by PFPX

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 43N and 51N



Wind Chart

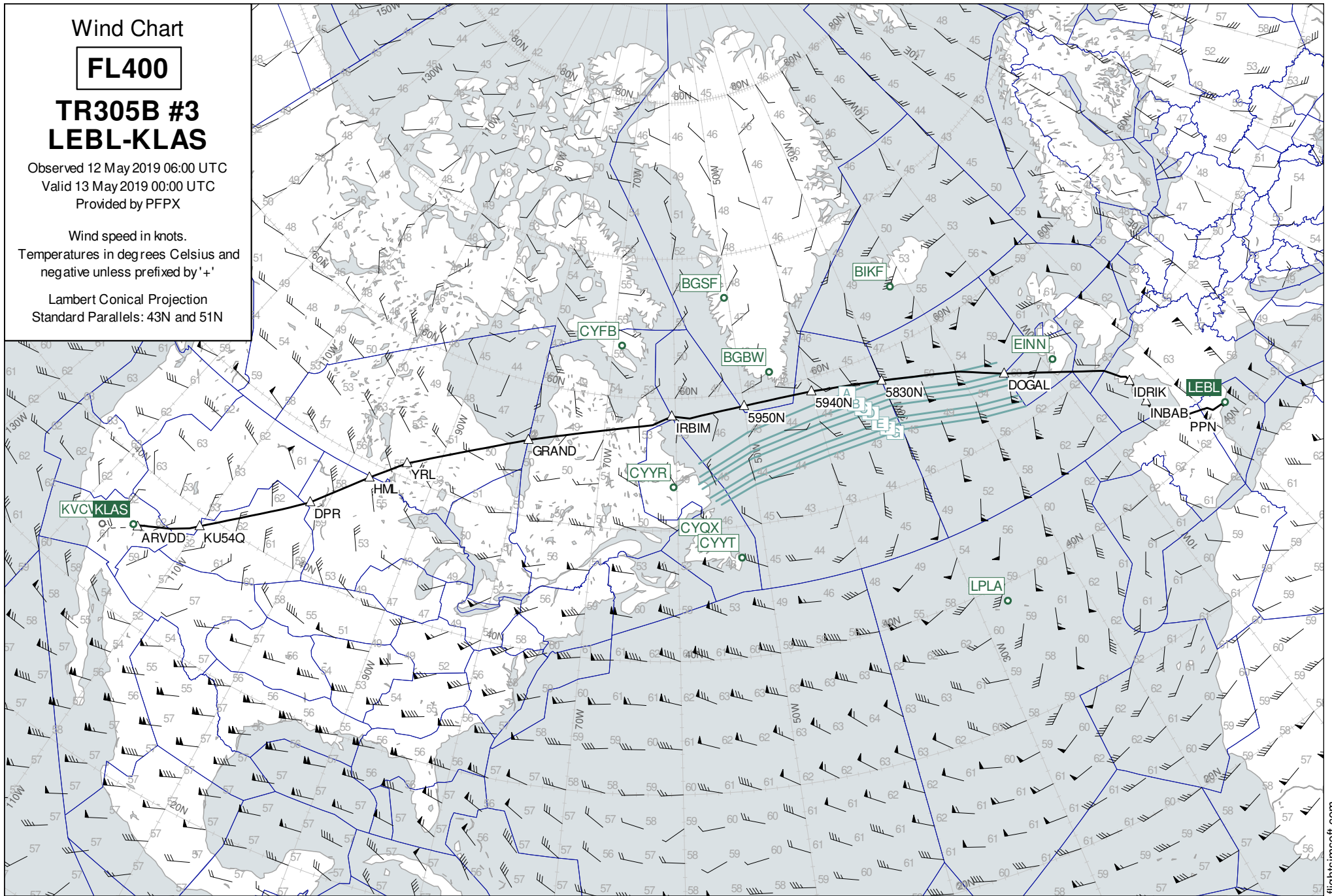
FL400

TR305B #3 LEBL-KLAS

Observed 12 May 2019 06:00 UTC
Valid 13 May 2019 00:00 UTC
Provided by PFPX

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 43N and 51N



Destination Area

FL150

TR305B #3
LEBL-KLAS

Observed 12 May 2019 06:00 UTC
Valid 13 May 2019 06:00 UTC
Provided by PFPX

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 35N and 36N

