



Tradewind VA



Flight Briefing Package

TCC309B LOWW-KATL

04-Jul-2021 #1

RELEASE #1

SCHWECHAT
(AUSTRIA)

-

HARTSFIELD - JACKSON ATLANTA I
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

04 JUL 1705 UTC

TCC309B LOWW-KATL (04-Jul-2021) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC309B PJTGD LOWW-KATL

 ALL WEIGHTS IN KILOGRAMS (KG) STD 04JUL/2130Z

OPF 1 - PREPARED 04JUL/1705Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR309B/TCC309B PJTGD/B777-2LR GE SEL/EFAD ROUTE: LOWWKATL02

DEP: LOWW/VIE 16 ELEV 600 FT COST INDEX: 250 TTL G/C DIST: 4336 NM
 ARR: KATL/ATL 26R ELEV 1026 FT INIT ALT: FL320 TTL F/P DIST: 4419 NM
 FUEL BIAS: 102.5% TTL AIR DIST: 4410 NM
 AVG WIND CMP: TL001 KT

ALT: KBNA/BNA 31 ELEV 599 FT 189 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM		ZFW	TOW	LDW
STANDARD	156746	264	0	26136	25426 LDW	MAX	209106	308900	223167
						PLN	182882	261077	197741
						ACT	.....	.....	.....

 ** TAKE-OFF DATA LOWW 16 **

COND: 261077 KG // RWY DRY // +26°C Q1009 160/07 // LMT: OBS(A)
 CONFIG: FLAPS 5 // D-T01 +50C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=157 VR=159 V2=161
 ENG OUT: CLIMB STRAIGHT AHEAD TO 2100FT. TURN RIGHT TO SNU (D115.50) CLIMBING
 TO 5000FT AND HOLD (350/R).

	FUEL	CORR	ENDUR	
TRIP	63336	.....	09:10	
CONT 5%	3167	.....	00:31	
ALTN KBNA	3977	.....	00:42	
FINAL RESV	3094	.....	00:30	
HOLD	2058	.....	00:20	
ADD FUEL	1018	.....	00:10	
MIN T/O	76650	.....	11:22	.....
EXTRA	1545	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	79200	.....	11:52	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	14189	.....	02:17	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 26971 KG LIM BY LDW
 TRIP CORR FOR 4000 KG TOW INCR: +773 KG / 4000 KG TOW DECR: -739 KG
 2000 FT LOWER: +823 KG / EET 09:04 CLB: 250/310/84 DES: 84/320/250

LOWW	STD 21:30Z/23:30L	ETD 21:30Z	ACT OFBL	EST T/O 21:45Z	ACT T/O
KATL	STA 08:25Z/04:25L	ETA 07:05Z	ACT ONBL	EST LDG 06:55Z	ACT LDG
	SKD 10:55	PLN 09:35	TTL BLCK	EST FLT 09:10	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 51.3 W019 11.4 EET 02:58

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ETOPS EXIT (CYR) 10 NM BEFORE 5650N N56 02.4 W049 43.2 EET 05:04

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (01:40-02:13)
 BIKF (02:02-04:07)
 CYR (03:43-04:07)

ONE ENGINE OUT DECOMP ETP 1 FOR EINN/BIKF N56 11.7 W021 25.5 EET 03:08
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 288 NM BEFORE 5730N
 PLN FUEL OVER ETP 52504 ETP FUEL REQ 11965 DIV TIME 01:20
 ETP TO EINN (N52 42.1 W008 55.5) DIST 484 NM WC HD002 TT 110
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 470 NM WC HD014 TT 356
 *** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 1 FOR EINN/BIKF N56 11.7 W021 25.5 EET 03:08
 84/320/250 DESC TO FL100 CRUISE AT AE320 288 NM BEFORE 5730N
 PLN FUEL OVER ETP 52504 ETP FUEL REQ 11421 DIV TIME 01:20
 ETP TO EINN (N52 42.1 W008 55.5) DIST 484 NM WC HD002 TT 110
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 470 NM WC HD014 TT 356
 *** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 1 FOR EINN/BIKF N56 14.7 W021 48.2 EET 03:09
 1E084/320 DESC TO FL264 CRUISE AT 1E0320 275 NM BEFORE 5730N
 PLN FUEL OVER ETP 52322 ETP FUEL REQ 12271 DIV TIME 01:08
 ETP TO EINN (N52 42.1 W008 55.5) DIST 497 NM WC HD006 TT 110
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 466 NM WC HD035 TT 357
 *** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 2 FOR BIKF/CYR N56 54.5 W041 26.8 EET 04:29
 1E084/320 DESC TO FL276 CRUISE AT 1E0320 289 NM BEFORE 5650N
 PLN FUEL OVER ETP 43179 ETP FUEL REQ 15466 DIV TIME 01:29
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 698 NM WC TL008 TT 045
 ETP TO CYR (N53 19.2 W060 25.6) DIST 685 NM WC HD004 TT 260

ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/CYR N56 52.8 W041 49.5 EET 04:31
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 277 NM BEFORE 5650N
 PLN FUEL OVER ETP 43001 ETP FUEL REQ 16059 DIV TIME 01:51
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 708 NM WC TL012 TT 045
 ETP TO CYR (N53 19.2 W060 25.6) DIST 672 NM WC HD008 TT 259

ALL ENGINE DECOMP ETP 2 FOR BIKF/CYR N56 52.8 W041 49.5 EET 04:31
 84/320/250 DESC TO FL100 CRUISE AT AE320 277 NM BEFORE 5650N
 PLN FUEL OVER ETP 43001 ETP FUEL REQ 15330 DIV TIME 01:51
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 708 NM WC TL012 TT 045
 ETP TO CYR (N53 19.2 W060 25.6) DIST 672 NM WC HD008 TT 259

ATC ROUTE: N0500F320 BUWU1B BUWUT DCT DITIS DCT SOPGA DCT VARIK DCT
 ROBEL/N0491F360 L602 SPY DCT RAVLO Y70 OTBED DCT NISBI DCT DOPEK DCT
 ARTIX DCT MOGMO DCT MAMUL L60 PENIL M144 BAGSO DCT RESNO DCT 56N020W
 57N030W 57N040W 56N050W DCT JANJO/N0491F380 DCT YRI DCT YJN DCT SYR
 J59 PSB Q71 KONGO J145 HLRRY ONDRE1

ALTERNATE PLANNING

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 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KBNA/31 189 8000 066 TL005 00:42 3977 - JAGIR SWFFT2

MOST CRITICAL MORA 9000 FT AT PUPDG

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WND/SPD	FREQ GS	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
	LOWW/16 SCHWECHAT		600	042				78.2 / 1.0		4419 N4807.2 E01634.7/.....
BUWU1B	WW267	160	*CLB	042	P07 159/002		3	77.2 / 2.0		4416 N4804.0 E01636.0	02 00.02/.....
BUWU1B	WW160	051	*CLB	042	P07 267/006		9	76.5 / 2.7		4406 N4809.2 E01647.6	02 00.04/.....
BUWU1B	WW468	345	*CLB	042	P08 267/008		12	75.8 / 3.4		4395 N4820.6 E01644.6	02 00.06/.....
BUWU1B	WW470	328	*CLB	042	P09 265/010		7	75.5 / 3.7		4388 N4826.6 E01639.9	01 00.07/.....
BUWU1B	WW471	286	*CLB	042	P06 274/019		23	74.6 / 4.6		4366 N4834.4 E01607.9	03 00.10/.....
BUWU1B	WW472	289	*CLB	050	P03 282/035		23	73.8 / 5.4		4342 N4843.5 E01535.9	03 00.13/.....
BUWU1B	BUWUT	289	FL320	050	P03 282/037	500	12	73.6 / 5.6		463 4330 N4848.3 E01518.8	02 00.15/.....
DCT	DITIS	301	FL320	050	P03 282/037	500	10	73.4 / 5.8		465 4321 N4853.9 E01507.0	01 00.16/.....
DCT -LKAA	*BDRY	306	FL320	055	P02 248/029	499	6	73.3 / 5.9		465 4314 N4858.0 E01459.6	01 00.17/.....
	EDDC	306	FL320	055	P05 291/045		23	72.9 / 6.3		4291 N4912.9 E01432.6	03 00.20/.....
DCT	SOPGA	306	FL320	072	P03 265/040	499	92	71.4 / 7.8		466 4200 N5010.6 E01243.1	12 00.32/.....
DCT -EDUU	VARIK	294	FL320	055	P03 260/039	500	15	71.2 / 8.0		465 4185 N5017.5 E01222.9	01 00.33/.....
DCT	ROBEL	293	*CLB	055	P02 237/035		83	69.8 / 9.4		4102 N5053.9 E01026.1	11 00.44/.....
L602	*TOC	292	FL360	052	P07 241/036	489	17	69.3 / 9.8		465 4085 N5101.1 E01002.1	02 00.46/.....
L602	KEMAD	292	FL360	052	P07 238/036	491	15	69.1 / 10.1		468 4070 N5107.4 E00940.5	02 00.48/.....

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L602 -EDVV	*BDRY	299	FL360	042	491	24	68.7 / 10.5	03	00.51
				P08	218/023	473 4046	N5120.1 E00907.5/.....	
	EHAM	298	FL360	043		52	67.9 / 11.3	07	00.58
				P10	253/046	3995	N5146.4 E00756.4/.....	
L602	HMM HAMM	298	FL360	037	115.65	491 10	67.8 / 11.4	01	00.59
				P08	218/032	484 3985	N5151.4 E00742.5/.....	
L602	REBGU	293	FL360	037		492 30	67.3 / 11.9	04	01.03
				P08	212/031	487 3954	N5204.4 E00658.2/.....	
L602	RELBI	293	FL360	022		492 6	67.2 / 12.0	00	01.03
				P08	211/031	487 3948	N5207.1 E00648.8/.....	
L602 -EHAA	RKN REKKEN	294	FL360	022	116.80	492 2	67.2 / 12.0	01	01.04
				P08	211/030	488 3946	N5208.0 E00645.8/.....	
L602	TENLI	288	FL360	022		492 20	66.9 / 12.3	02	01.06
				P08	209/030	485 3926	N5214.8 E00615.0/.....	
L602	FLEVO	287	FL360	024		493 25	66.5 / 12.7	03	01.09
				P09	208/029	487 3901	N5223.1 E00536.1/.....	
L602	SPY SPIJKERBOOR	287	FL360	024	113.30	494 29	66.1 / 13.1	04	01.13
				P10	208/028	488 3872	N5232.4 E00451.2/.....	
DCT -EGTT	RAVLO	289	FL360	017		495 66	65.1 / 14.1	08	01.21
				P11	205/024	491 3806	N5255.0 E00308.9/.....	
Y70	BODSO	281	FL360	016		496 39	64.5 / 14.7	05	01.26
				P12	206/023	489 3767	N5303.1 E00205.7/.....	
Y70	SUPEL	281	FL360	018		496 55	63.7 / 15.5	06	01.32
				P12	215/022	486 3711	N5313.7 E00035.5/.....	
Y70	ABTOS	280	FL360	018		496 6	63.6 / 15.6	01	01.33
				P12	216/022	486 3705	N5314.8 E00025.6/.....	
Y70	OTBED	280	FL360	018		496 14	63.4 / 15.8	02	01.35
				P12	217/021	486 3691	N5317.3 E00001.9/.....	
DCT	NISBI	280	FL360	028		495 25	63.0 / 16.2	03	01.38
				P11	188/020	495 3666	N5321.5 W00039.4/.....	
	EGCC	280	FL360	028		8	62.9 / 16.3	01	01.39
				P14	201/018	3658	N5322.7 W00052.1/.....	
DCT	DOPEK	280	FL360	028		495 2	62.9 / 16.3	00	01.39
				P11	176/021	495 3656	N5323.1 W00055.5/.....	
DCT	ARTIX	280	FL360	036		494 4	62.8 / 16.4	01	01.40
				P11	174/021	498 3652	N5323.7 W00102.2/.....	
DCT	MOGMO	280	FL360	036		494 6	62.7 / 16.5	00	01.40
				P10	175/021	499 3646	N5324.7 W00112.9/.....	
DCT	MAMUL	279	FL360	036		494 2	62.7 / 16.5	01	01.41

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				P11 175/021 499 3643	N5325.1 W00116.8/.....
L60	ADELU	279	FL360 036	494 9	62.6 / 16.6	01 01.42
				P11 176/020 499 3634	N5326.5 W00132.2/.....
L60	BOLBI	279	FL360 036	494 10	62.4 / 16.8	01 01.43
				P11 177/019 498 3624	N5328.0 W00148.8/.....
L60	SONEX	279	FL360 036	494 13	62.2 / 17.0	02 01.45
				P11 179/018 497 3611	N5329.9 W00210.4/.....
L60	PENIL	279	FL360 047	494 54	61.5 / 17.7	06 01.51
				P10 181/016 495 3557	N5337.0 W00339.8/.....
M144	BABRA	276	FL360 047	494 10	61.3 / 17.9	01 01.52
				P10 181/016 495 3547	N5337.7 W00356.7/.....
M144	GIGTO	276	FL360 048	494 5	61.3 / 17.9	01 01.53
				P10 181/016 494 3542	N5338.0 W00405.9/.....
M144	UNDUX	275	FL360 048	494 8	61.1 / 18.1	01 01.54
				P10 181/015 494 3534	N5338.5 W00418.7/.....
M144	SOPAX	275	FL360 048	494 5	61.1 / 18.1	01 01.55
				P10 181/015 494 3529	N5338.8 W00427.1/.....
M144	RAMOX	275	FL360 048	494 14	60.9 / 18.3	01 01.56
				P10 182/015 494 3515	N5339.6 W00450.4/.....
M144	OGTUG	275	FL360 048	494 11	60.7 / 18.5	02 01.58
				P10 181/014 494 3504	N5340.2 W00508.8/.....
M144	BAGSO	275	FL360 017	494 13	60.5 / 18.7	01 01.59
-EISN				P10 181/014 494 3492	N5340.8 W00530.0/.....
	EINN	289	FL360 017	2	60.5 / 18.7	00 01.59
				P12 199/010 3489	N5341.5 W00534.0/.....
DCT	*BDRY	289	FL360 043	494 185	57.9 / 21.3	23 02.22
-EGGX				P10 110/007 502 3304	N5429.8 W01037.8/.....

----- 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	RESNO	288	FL360 036	494 155	55.7 / 23.5	18 02.40
				P09 087/007 501 3150	N5500.0 W01500.0/.....

----- ETOPS ENTRY (EINN) 0029 NM BEFORE 5620N EET 02:58 -----

DCT	5620N	297	FL360 010	493 180	53.2 / 26.0	22 03.02
	56N020W			P08 028/015 495 2969	N5600.0 W02000.0/.....

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	*ETP 1	293	FL360	010	492	62	52.3 / 26.9	07	03.09
	EINN/BIKF			P07 018/019	495	2907	N5614.7 W02148.2/.....	
DCT	5730N	293	FL360	010	491	275	48.5 / 30.7	34	03.43
-CZQX	57N030W			P05 006/027	490	2632	N5700.0 W03000.0/.....	
DCT	5740N	288	FL360	010	489	327	43.9 / 35.3	40	04.23
	57N040W			P02 329/027	477	2305	N5700.0 W04000.0/.....	
	*ETP 2	282	FL360	010	489	60	43.0 / 36.2	08	04.31
	BIKF/CYYR			P02 327/025	477	2245	N5652.8 W04149.5/.....	
----- ETOPS EXIT (CYYR) 0010 NM BEFORE 5650N EET 05:04 -----									
DCT	5650N	276	FL360	010	490	277	39.1 / 40.1	35	05.06
	56N050W			P03 312/020	478	1968	N5600.0 W05000.0/.....	
DCT	JANJO	267	*CLB	017		268	35.3 / 43.9	33	05.39
				P05 234/017		1700	N5402.0 W05700.0/.....	
DCT	*BDRY	257	FL380	053	490	287	31.4 / 47.8	36	06.15
-CZUL				P05 071/013	498	1413	N5113.7 W06323.4/.....	
	CYBG	251	FL380	049		81	30.4 / 48.8	10	06.25
				P05 018/023		1332	N5023.0 W06502.5/.....	
DCT	YRI	249	FL380	055	113.90	491	27.4 / 51.8	28	06.53
	RIVIERE DU LOUP			P05 026/027	517	1093	N4745.4 W06935.3/.....	
	CYUL	244	FL380	053		127	25.9 / 53.3	14	07.07
				P03 004/027		966	N4617.4 W07150.5/.....	
DCT	YJN	241	FL380	046	115.80	489	24.8 / 54.4	11	07.18
	ST-JEAN			P04 016/033	518	878	N4515.4 W07319.3/.....	
DCT	*BDRY	240	FL380	028	489	22	24.5 / 54.7	02	07.20
-KZBW				P04 018/042	518	856	N4500.0 W07341.4/.....	
DCT	SYR	239	FL380	083	117.00	486	22.7 / 56.5	18	07.38
	SYRACUSE			P01 355/046	516	701	N4309.6 W07612.3/.....	
J59	AUDIL	223	FL380	048	486	20	22.4 / 56.8	02	07.40
-KZNY				P00 354/046	523	680	N4252.3 W07626.6/.....	
	KPIT	223	FL380	048		8	22.3 / 56.9	01	07.41
-KZBW				P00 339/037		673	N4245.6 W07632.1/.....	
J59	EXTOL	223	FL380	048	486	7	22.3 / 56.9	01	07.42
-KZNY				P00 353/046	522	665	N4239.5 W07637.1/.....	
J59	*BDRY	223	FL380	048	486	7	22.2 / 57.0	01	07.43
				P01 354/048	522	659	N4233.7 W07641.8/.....	
J59	CNTER	223	FL380	048	485	24	21.9 / 57.3	03	07.46
				M00 351/046	521	635	N4213.2 W07658.4/.....	
J59	ZUUCS	222	FL380	050	487	59	21.2 / 58.0	07	07.53
				P01 345/043	517	576	N4122.3 W07738.5/.....	

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J59	PSB PHILIPSBURG	221	FL380	050	115.50	487	32	20.8 / 58.4	03	07.56
				P01	340/042	515	544	N4055.0 W07759.6/.....	
Q71	*BDRY -KZOB	240	FL380	055		487	7	20.7 / 58.5	01	07.57
				P01	338/044	511	537	N4050.3 W07806.7/.....	
Q71	PSYKO	240	FL380	055		488	63	19.9 / 59.3	08	08.05
				P01	333/040	498	474	N4008.6 W07909.2/.....	
Q71	EMNEM	239	FL380	071		488	57	19.2 / 60.0	07	08.12
				P01	326/037	492	417	N3931.5 W08004.5/.....	
Q71	*BDRY -KZID	238	FL380	052		488	30	18.9 / 60.3	03	08.15
				P01	328/038	491	387	N3911.7 W08033.2/.....	
Q71	GEFFS	237	FL380	052		488	16	18.7 / 60.5	02	08.17
				P01	321/038	490	371	N3900.8 W08048.8/.....	
Q71	ASERY	224	FL380	072		488	39	18.2 / 61.0	05	08.22
				P01	317/034	495	332	N3828.6 W08117.6/.....	
Q71	WISTA	223	FL380	056		488	14	18.0 / 61.2	02	08.24
				P01	315/033	494	317	N3817.0 W08127.8/.....	
Q71	KONGO	223	FL380	070		488	57	17.3 / 61.9	07	08.31
				P01	307/026	489	261	N3730.3 W08208.2/.....	
J145	HLRRY	206	FL380	061		488	27	17.0 / 62.2	03	08.34
				P01	304/025	494	234	N3704.5 W08219.2/.....	
	KATL	212	FL380	061			0	17.0 / 62.2	00	08.34
				P02	304/018		233	N3704.1 W08219.4/.....	
ONDRE1	*BDRY -KZTL	212	FL380	086		219	11	16.8 / 62.4	01	08.35
				P01	304/026	220	222	N3654.1 W08225.1/.....	
ONDRE1	ADEIN	211	FL380	086		488	43	16.3 / 62.9	05	08.40
				P01	304/021	491	179	N3615.0 W08247.0/.....	
ONDRE1	PUPDG	212	FL380	090		488	32	15.9 / 63.3	04	08.44
				P01	300/017	490	148	N3546.5 W08303.7/.....	
ONDRE1	ALADY	212	FL380	089		488	22	15.6 / 63.6	03	08.47
				P01	293/016	487	125	N3526.2 W08315.4/.....	
ONDRE1	*TOD	211	FL380	089		488	0	15.6 / 63.6	00	08.47
				P01	293/016	488	125	N3526.1 W08315.5/.....	
ONDRE1	WEALL	211	*DES	089			24	15.6 / 63.6	03	08.50
				P10	311/015		101	N3504.3 W08327.8/.....	
ONDRE1	KNOWW	212	*DES	089			29	15.5 / 63.7	04	08.54
				P14	336/011		72	N3438.0 W08342.9/.....	
ONDRE1	STRWY	211	*DES	078			20	15.4 / 63.8	03	08.57
				P13	027/010		52	N3419.8 W08353.3/.....	

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ONDRE1	ONDRE	213	*DES 078	9	15.4 / 63.8	01	08.58
			P13 043/010	42	N3411.7 W08358.4/.....	
ONDRE1	SMELY	213	*DES 078	13	15.3 / 63.9	03	09.01
			P12 060/009	29	N3400.0 W08405.8/.....	
ONDRE1	VOLTS	176	*DES 046	5	15.3 / 63.9	01	09.02
			P12 060/008	24	N3355.1 W08404.7/.....	
ONDRE1	KATL/26R	231	1026 046	24	14.9 / 64.3	08	09.10
	HARTSFIELD - JACKSON				N3339.0 W08424.6/.....	

TCC309B LOWW-KATL (04-Jul-2021) #1

WIND INFORMATION - OBS 04/JUL 12:00

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(CLIMB)                SOPGA                KEMAD                REBGU
FL310 264/026 -43  FL360 229/033 -50  FL400 235/022 -47  FL400 235/022 -46
FL250 272/015 -28  FL340 228/045 -52  FL380 233/024 -47  FL380 235/023 -46
FL180 276/007 -12  FL320 224/036 -47  FL360 220/025 -48  FL360 222/024 -47
FL120 303/008 -3   FL300 216/027 -42  FL340 207/028 -50  FL340 210/026 -48
6000  297/004 +9   FL280 216/024 -37  FL320 193/032 -46  FL320 190/028 -46

RAVLO                ABTOS                PENIL                RESNO
FL400 219/023 -45  FL400 219/025 -44  FL400 192/017 -43  FL400 044/001 -43
FL380 219/023 -44  FL380 219/024 -43  FL380 185/017 -43  FL380 065/002 -43
FL360 217/023 -45  FL360 213/022 -44  FL360 166/018 -44  FL360 116/005 -48
FL340 215/023 -46  FL340 204/019 -44  FL340 150/021 -46  FL340 125/009 -52
FL320 206/024 -44  FL320 198/021 -44  FL320 139/025 -47  FL320 125/010 -50

5620N                5730N                5740N                5650N
FL400 038/008 -44  FL400 351/019 -50  FL400 333/024 -56  FL400 304/020 -57
FL380 030/011 -45  FL380 352/022 -51  FL380 338/026 -57  FL380 317/019 -58
FL360 026/018 -48  FL360 351/026 -52  FL360 337/027 -54  FL360 328/021 -54
FL340 024/025 -51  FL340 350/030 -53  FL340 337/028 -52  FL340 339/023 -50
FL320 025/024 -49  FL320 354/027 -49  FL320 327/026 -47  FL320 337/021 -45

YRI                YJN                SYR                ZUUCS
FL420 033/016 -51  FL420 012/025 -52  FL420 357/034 -55  FL420 340/035 -56
FL400 036/022 -51  FL400 017/032 -53  FL400 359/042 -56  FL400 341/042 -56
FL380 039/027 -51  FL380 018/040 -53  FL380 000/048 -55  FL380 342/047 -55
FL360 046/026 -50  FL360 018/047 -51  FL360 001/050 -52  FL360 344/046 -52
FL340 055/025 -49  FL340 017/054 -49  FL340 002/052 -49  FL340 347/046 -48

PSYKO                GEFFS                KONGO                (DESCENT)
FL420 332/036 -58  FL420 329/031 -59  FL420 315/022 -59  FL370 323/012 -53
FL400 332/039 -57  FL400 330/036 -58  FL400 314/025 -58  FL290 338/016 -33
FL380 331/040 -55  FL380 329/038 -56  FL380 314/027 -56  FL220 354/016 -15
FL360 329/038 -52  FL360 325/036 -51  FL360 313/028 -51  14000 021/016 0
FL340 326/035 -47  FL340 320/034 -46  FL340 312/029 -46  7000 032/010 +13

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 END FLIGHTPLAN 00649 TCC309B PJTGD LOWW-KATL 04JUL2021

TCC309B LOWW-KATL (04-Jul-2021) #1

[ATC FLIGHTPLAN]

(FPL-TCC309B-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-LOWW2130
-N0500F320 BUWUT DCT DITIS DCT SOPGA DCT VARIK DCT
ROBEL/N0491F360 L602 SPY DCT RAVLO Y70 OTBED DCT NISBI DCT DOPEK
DCT ARTIX DCT MOGMO DCT MAMUL L60 PENIL M144 BAGSO DCT RESNO DCT
56N020W 57N030W 57N040W 56N050W DCT JANJO/N0491F380 DCT YRI DCT
YJN DCT SYR J59 PSB Q71 KONGO J145 HLRRY ONDRE1
-KATL0910 KBNA
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/210704 REG/PJTGD
EET/LKAA0017 EDUU0033 EDVV0051 EHAA0103 EGT0121 EISN0159
EGGX0222 56N020W0302 CZQX0343 57N040W0423 56N050W0506 CZUL0615
KZBW0720 KZNY0743 KZOB0757 KZID0815 KZTL0835
SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/D
RALT/EINN BIKF CYR
RMK/TCAS
-E/1137)

TCC309B LOWW-KATL (04-Jul-2021) #1

[PLANNING WEATHER]

ORIGIN: LOWW/VIE (SCHWECHAT, AUSTRIA)

UTC +02:00

LOWW 041620Z 15006KT 100V180 CAVOK 26/11 Q1009 NOSIG
LOWW 041415Z 0415/0521 16007KT CAVOK TX27/0516Z TN18/0502Z
BECMG 0421/0423 VRB03KT
BECMG 0502/0504 32010KT
TEMPO 0504/0508 30015G25KT
BECMG 0518/0520 VRB04KT

DESTINATION: KATL/ATL (HARTSFIELD - JACKSON ATLANTA I, UNITED STATE UTC -04:00)

KATL 041552Z 12006KT 10SM SCT040 27/17 A3003 RMK A02 SLP161 T02670167
KATL 041535Z 0416/0518 12005KT P6SM FEW060
FM050000 21004KT P6SM SKC
FM051500 13005KT P6SM SKC

ALTERNATE: KBNA/BNA (NASHVILLE INTL, UNITED STATES)

UTC -05:00

KBNA 041553Z 05004KT 10SM FEW043 27/14 A3005 RMK A02 SLP169 T02670144
KBNA 041120Z 0412/0512 00000KT P6SM SKC
FM041600 04005KT P6SM SCT060

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

UTC -03:00

CYR 041600Z 03005KT 15SM FEW050 24/08 A2999 RMK CU1 SLP156
CYR 041130Z 0412/0512 VRB03KT P6SM FEW120
BECMG 0414/0416 07008KT
FM050000 VRB03KT P6SM FEW060
RMK NXT FCST BY 041800Z

EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 041630Z 22006KT 180V250 9999 SCT010 BKN120 11/09 Q1007
BIKF 041348Z 0415/0515 18010KT 9999 SCT018 BKN050 TX15/0415Z TN09/0504Z
PROB40 TEMPO 0415/0507 2000 BR OVC002
BECMG 0422/0500 29005KT

TCC309B LOWW-KATL (04-Jul-2021) #1**EDTO AIRPORT: EINN/SNN (SHANNON INTL, IRELAND)****UTC +01:00**

EINN 041630Z 27010KT 9999 FEW010 SCT018CB BKN029 15/13 Q1003 RESHRA TEMPO
4000 BKN010

EINN 041100Z 0412/0512 24012KT 9999 FEW008 BKN015
BECMG 0412/0414 27013KT
TEMPO 0412/0417 4000 -SHRA BKN010 SCT018CB
PROB30 TEMPO 0417/0419 -SHRA BKN012
BECMG 0420/0422 23010KT
BECMG 0422/0424 18007KT
BECMG 0508/0510 25010KT
PROB30 TEMPO 0510/0512 -SHRA SCT020CB

ADEQUATE: EDDC/DRS (DRESDEN, GERMANY)**UTC +02:00**

EDDC 041620Z 16003KT 090V200 CAVOK 26/10 Q1008 NOSIG
EDDC 041100Z 0412/0512 VRB03KT CAVOK
BECMG 0412/0414 13005KT
BECMG 0422/0424 23006KT
PROB30 TEMPO 0504/0509 RA

ADEQUATE: EHAM/AMS (SCHIPHOL, NETHERLANDS)**UTC +02:00**

EHAM 041625Z 31007KT 9999 -RADZ FEW035 18/15 Q1008 NOSIG
EHAM 041114Z 0412/0518 27005KT 9999 SCT025
TEMPO 0413/0417 6000 SHRA RA SCT025CB BKN030
PROB30 TEMPO 0413/0417 24015G25KT 4000 TSRA SCT020CB BKN025
PROB40 TEMPO 0501/0505 6000 SHRA RA BKN012 SCT015CB
BECMG 0504/0507 22011KT BKN012
BECMG 0508/0510 SCT025
BECMG 0513/0516 17007KT
PROB30 TEMPO 0513/0518 6000 SHRA SCT020TCU

ADEQUATE: EGCC/MAN (MANCHESTER, UNITED KINGDOM)**UTC +01:00**

EGCC 041620Z AUTO 24008KT 9999 -RA SCT020/// SCT034/// //CB 16/15
Q1003 TEMPO 3000 +SHRA
AMD EGCC 041609Z 0416/0518 21009KT 9999 SCT030
TEMPO 0416/0503 6000 SHRA BKN012
PROB40 TEMPO 0416/0422 2000 +SHRA +TSGS BKN009 BKN015CB
PROB40 TEMPO 0422/0508 BKN008
PROB40 TEMPO 0508/0512 7000 SHRA BKN014

ADEQUATE: CYBG/YBG (BAGOTVILLE, CANADA)**UTC -04:00**

CYBG 041600Z 12008KT 25SM FEW050 BKN240 20/04 A2999 RMK SC1CI6 SLP158
CYBG 041430Z 0415/0512 10007KT P6SM FEW100 BKN250
FM041800 09015KT P6SM FEW250
BECMG 0500/0502 VRB03KT
RMK NXT FCST BY 041800Z

TCC309B LOWW-KATL (04-Jul-2021) #1

ADEQUATE: CYUL/YUL (PIERRE ELLIOTT TRUDEAU INTL, CANADA)

UTC -04:00

CYUL 041600Z 35007KT 340V100 30SM FEW038 SCT060 BKN250 20/11 A2992 RMK
CU2SC1CI4 SLP134 DENSITY ALT 800FT

CYUL 041442Z 0415/0512 05012KT P6SM SCT050

TEMPO 0415/0424 BKN050

FM050300 VRB03KT P6SM FEW060

RMK NXT FCST BY 041800Z

ADEQUATE: KPIT/PIT (PITTSBURGH INTL, UNITED STATES)

UTC -04:00

KPIT 041551Z VRB03KT 10SM SCT045 SCT070 23/16 A2992 RMK A02 SLP133 MDT CU
T02280161

KPIT 041500Z 0415/0518 24004KT P6SM SCT060

FM042000 33008KT P6SM SCT250

FM051500 18005KT P6SM BKN250

TCC309B LOWW-KATL (04-Jul-2021) #1

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 310/390 INCLUSIVE
JUL 04/1130Z TO JUL 04/1900Z
PART ONE OF TWO PARTS-

A SUNOT 58/20 59/30 59/40 58/50 DORYY
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

B PIKIL 57/20 58/30 58/40 57/50 HOIST
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
JUL 04/1130Z TO JUL 04/1900Z
PART TWO OF TWO PARTS-

C RESNO 56/20 57/30 57/40 56/50 JANJO
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

REMARKS.

1. TMI IS 185 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

TCC309B LOWW-KATL (04-Jul-2021) #1

AND 25 MINUTES PRIOR TO OCA ENTRY.-

END OF PART TWO OF TWO PARTS)

(NAT-1/2 TRACKS FLS 320/400 INCLUSIVE
JUL 05/0100Z TO JUL 05/0800Z
PART ONE OF TWO PARTS-

W NICS0 48/50 49/40 49/30 50/20 SOMAX ATSUR
EAST LVLS 320 340 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N213A N211E N197A-

X PORTI 47/50 48/40 48/30 49/20 BEDRA NASBA
EAST LVLS 320 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N155A N139A-

Y SUPRY 46/50 47/40 47/30 48/20 48/15 OMOKO GUNSO
EAST LVLS 320 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N93A N75A-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 320/400 INCLUSIVE
JUL 05/0100Z TO JUL 05/0800Z
PART TWO OF TWO PARTS-

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

REMARKS:

- 1.TMI IS 186 AND OPERATORS ARE REMINDED TO INCLUDE TMI NUMBER IN OCEANIC CLEARANCE READ BACK.
- 2.ADS-C AND CPDLC ARE 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.AS PER NOTAM H2005/21,GANDER OCEANIC VERBAL CLEARANCE DELIVERY SVC NOT AVBL.
EASTBOUND OCEANIC FLT WILL REC CLEARANCE BY MONCTON, MONTREAL OR GANDER ACC.
OPR ARE TO REQUEST THEIR CLR ON CONTROL FREQ.DATA LINK CLR SERVICE UNCHANGED.
- 5.80 PERCENT OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT PROCEDURES
ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.
- 6.SEE NAT OPS BULLETIN 2020?001 FOR DATALINK CREW PROCEDURES.

TCC309B LOWW-KATL (04-Jul-2021) #1

ICAO WEBSITE WWW.ICAO.INT

7.EASTBOUND AIRCRAFT OPERATING IN THE OTS MUST COMPLY WITH NAR FLIGHT PLANNING RULES IN CANADA FLIGHT SUPPLEMENT OR DAILY BOSTON ADVISORY

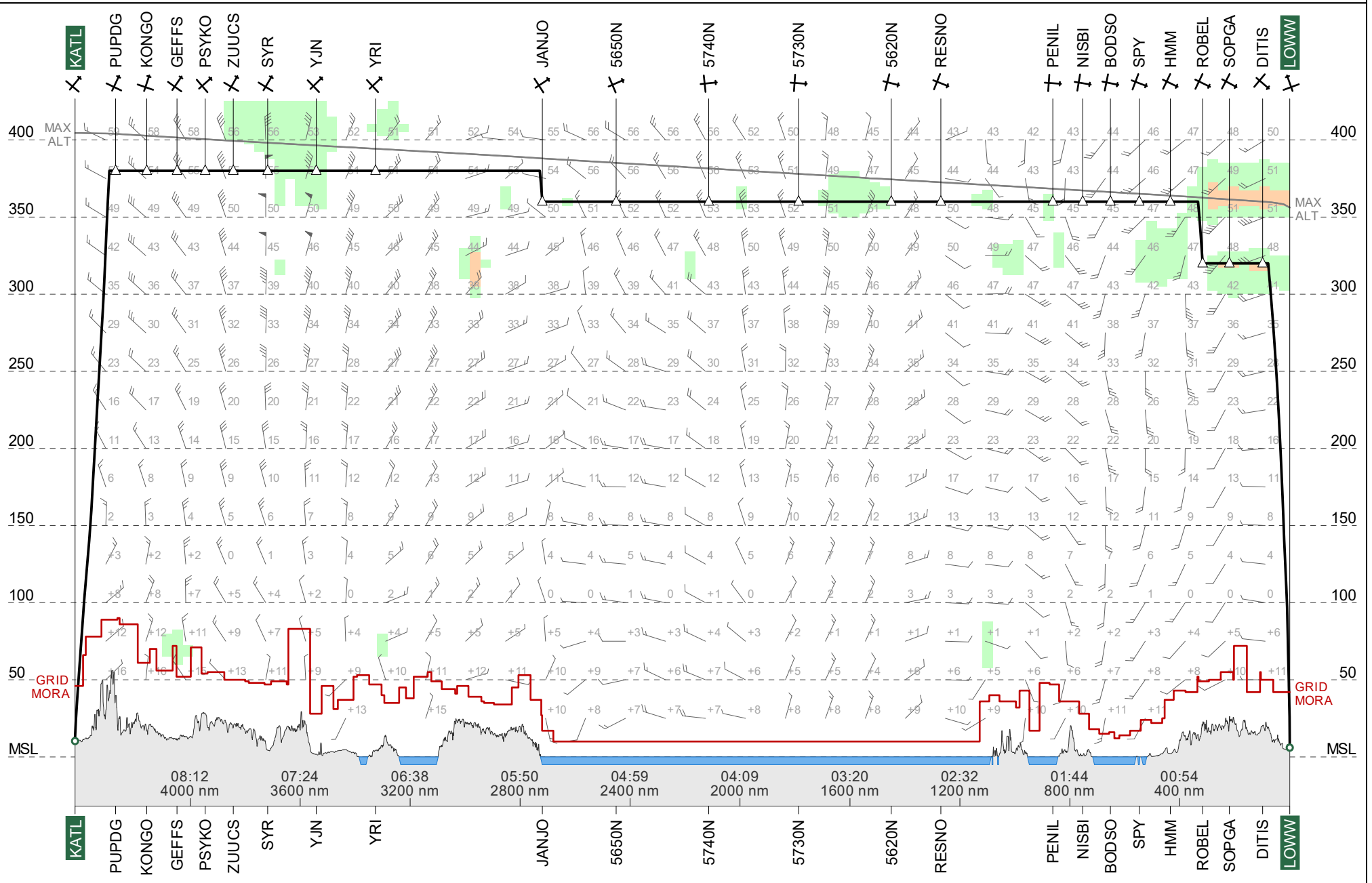
8.AIRCRAFT EXITING THE NAT INTO TO A DOMESTIC AGENCY SHOULD CONTINUE TO OPERATE TRANSPONDERS ON CODE 2000 UNTIL OTHERWISE ADVISED BY ATC SEE ICAO NAT DOC 007 6.8 FOR MORE INFO.-

END OF PART TWO OF TWO PARTS)

TR309B #1

KATL ← LOWW

ETD 04 Jul 21:30z
PJTGD B77L



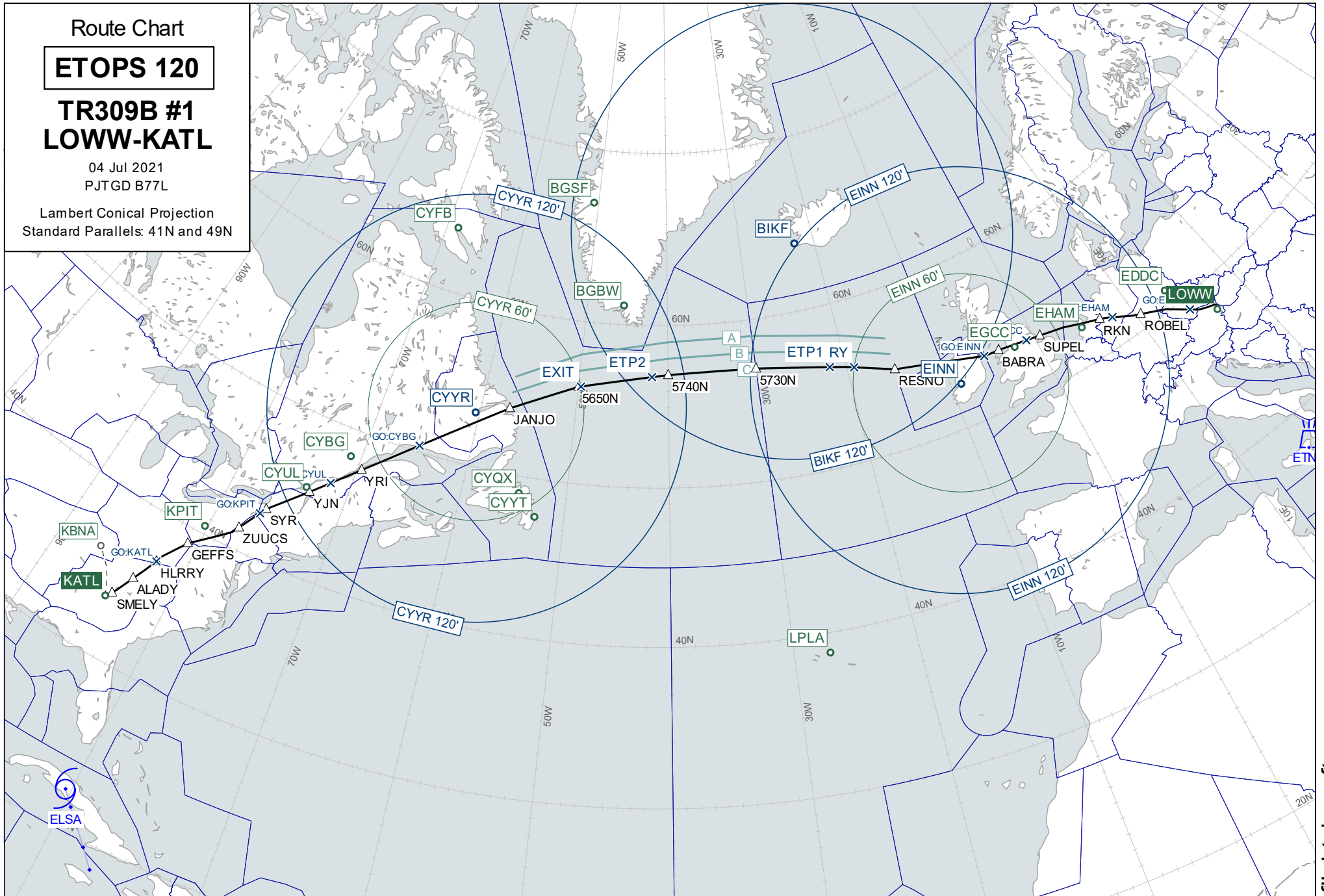
Route Chart

ETOPS 120

TR309B #1
LOWW-KATL

04 Jul 2021
PJTGD B77L

Lambert Conical Projection
Standard Parallels: 41N and 49N



Wind Chart

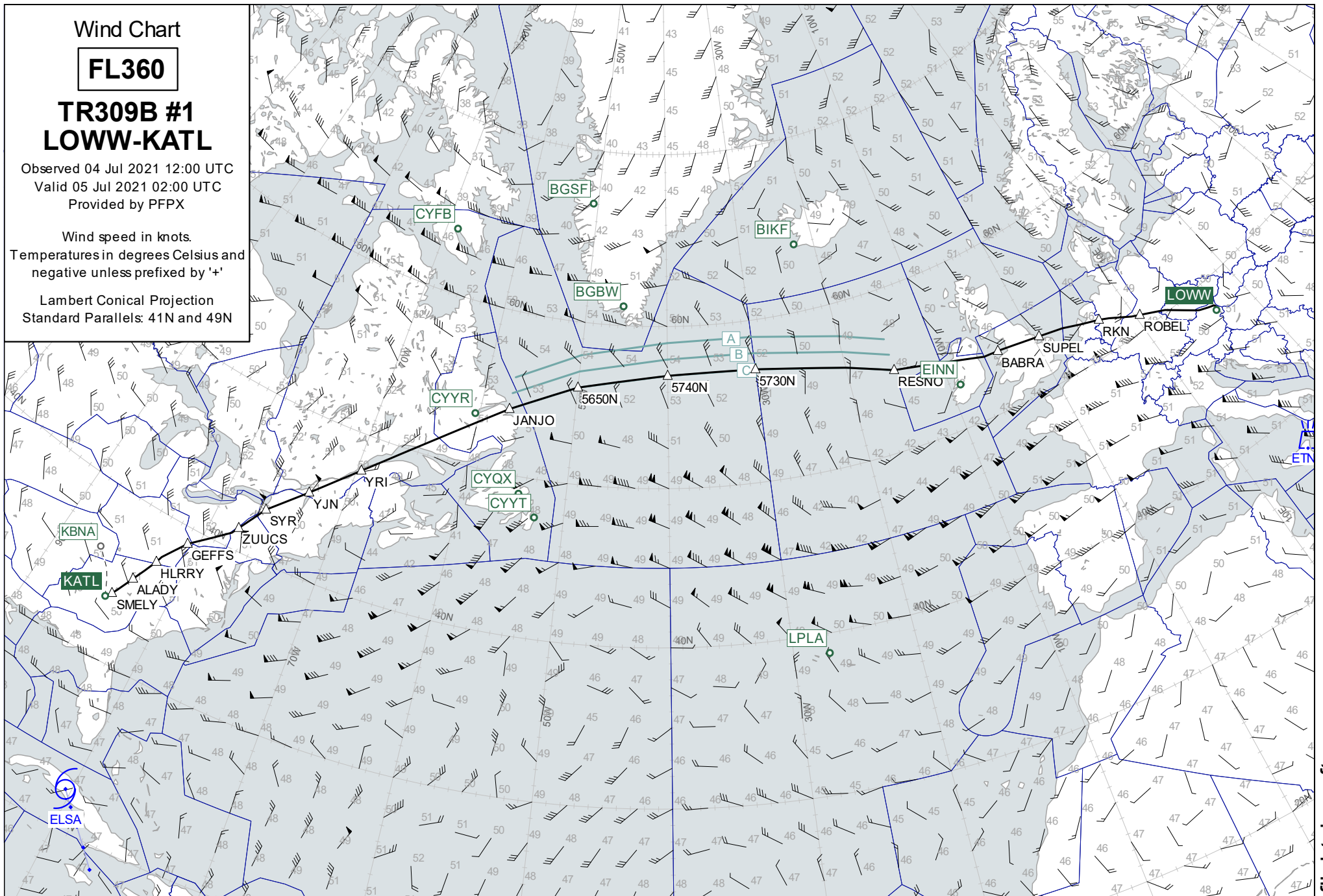
FL360

**TR309B #1
LOWW-KATL**

Observed 04 Jul 2021 12:00 UTC
Valid 05 Jul 2021 02:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 41N and 49N



Wind Chart

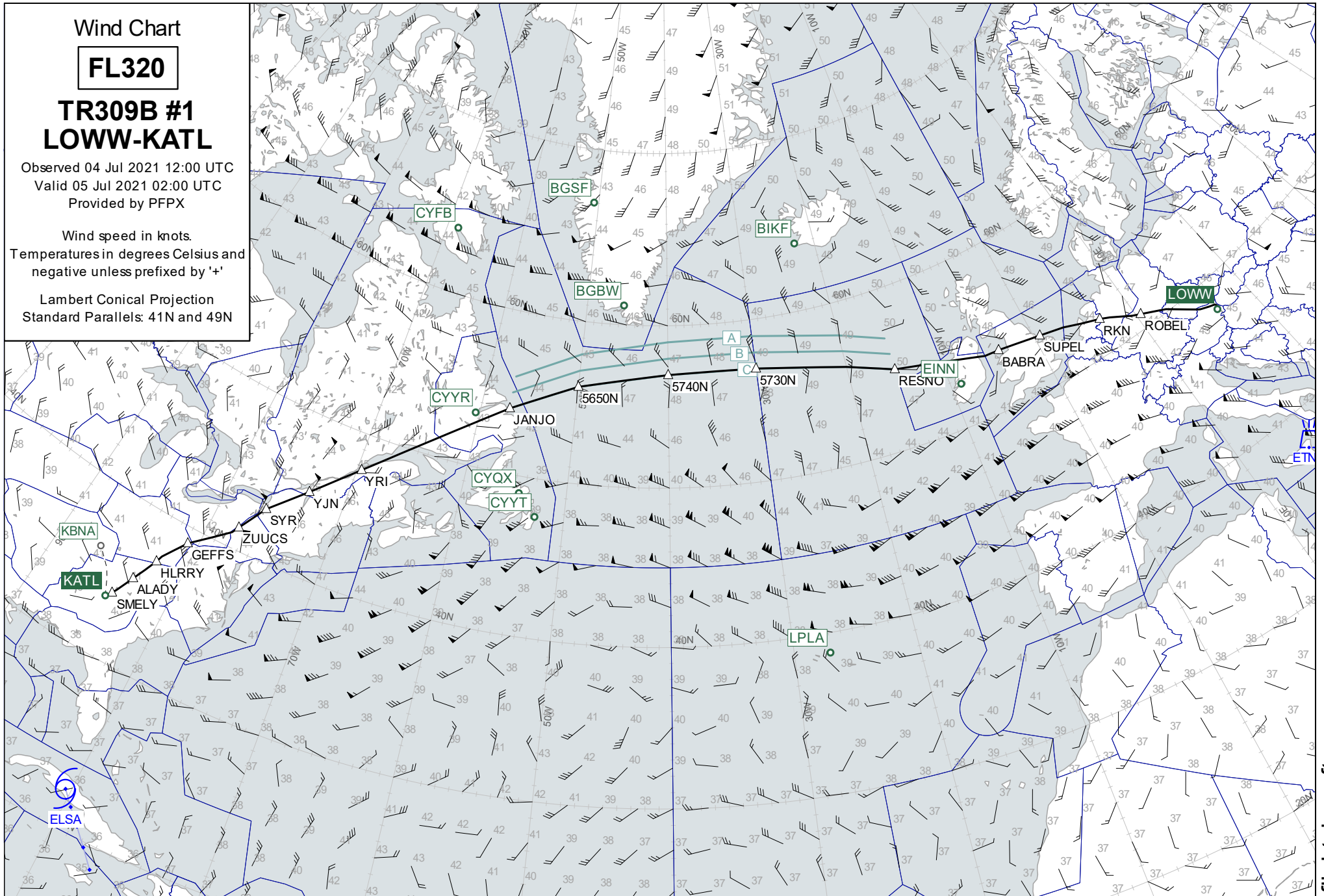
FL320

TR309B #1 LOWW-KATL

Observed 04 Jul 2021 12:00 UTC
Valid 05 Jul 2021 02:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 41N and 49N



Wind Chart

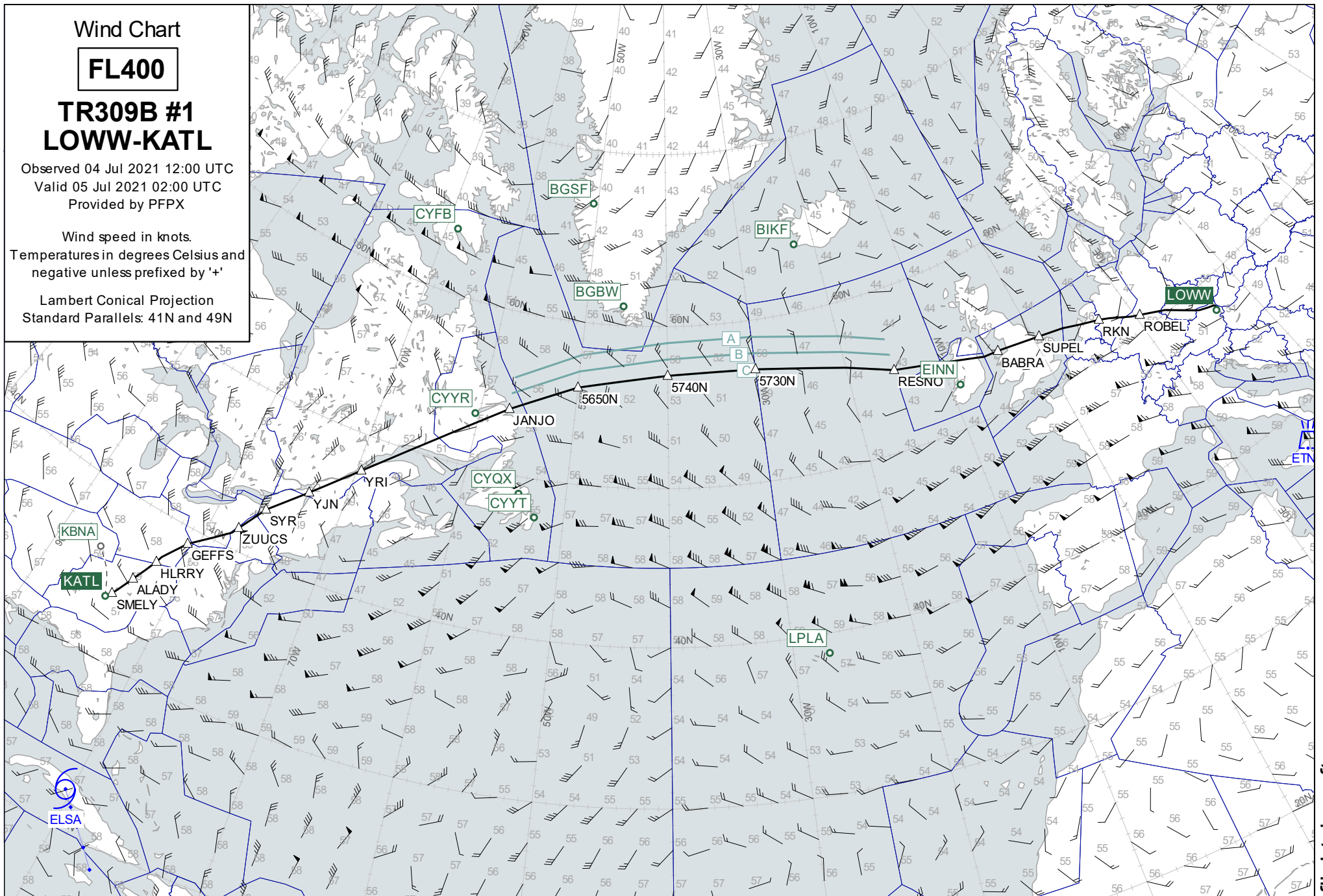
FL400

TR309B #1 LOWW-KATL

Observed 04 Jul 2021 12:00 UTC
Valid 05 Jul 2021 02:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 41N and 49N



Destination Area

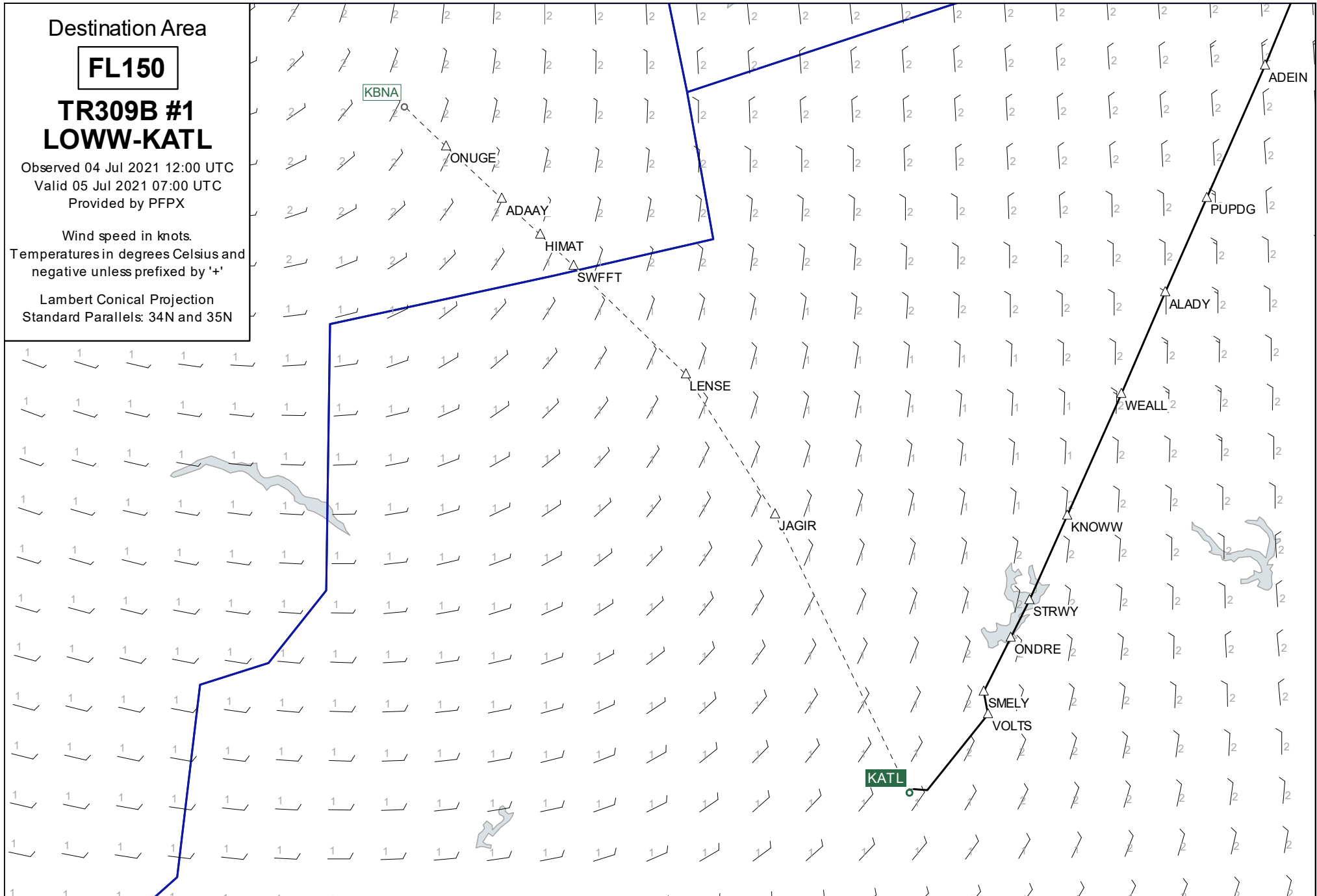
FL150

TR309B #1
LOWW-KATL

Observed 04 Jul 2021 12:00 UTC
Valid 05 Jul 2021 07:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 34N and 35N



Plotting Chart TR309B #1 LOWW-KATL

04 Jul 2021
PJTGD B77L

Lambert Conical Projection
Standard Parallels: 52N and 54N

