



**Tradewind VA**



**Flight Briefing Package**

**TCC309C 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 1706 UTC

**TCC309C LOWW-KATL (04-Jul-2021) #1**

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC309C PJTGE LOWW-KATL

-----  
 ALL WEIGHTS IN KILOGRAMS (KG) STD 04JUL/2135Z  
 -----

OPF 1 - PREPARED 04JUL/1706Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR309C/TCC309C PJTGE/B777-2LR GE SEL/EGAP 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: FL340 TTL F/P DIST: 4419 NM  
 FUEL BIAS: 102.5% TTL AIR DIST: 4383 NM  
 AVG WIND CMP: TL004 KT

ALT: KBNA/BNA 31 ELEV 599 FT 189 NM

-----  

<b>CONFIG</b>	<b>DOW</b>	<b>PAX</b>	<b>CARGO</b>	<b>TOTAL</b>	<b>ULOAD LIM</b>		<b>ZFW</b>	<b>TOW</b>	<b>LDW</b>
STANDARD	156746	263	0	26037	25538 LDW	<b>MAX</b>	209106	308900	223167
						<b>PLN</b>	182783	260433	197629
						<b>ACT</b>	.....	.....	.....

-----  
 \*\* TAKE-OFF DATA LOWW 16 \*\*

COND: 260433 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).

-----  

	<b>FUEL</b>	<b>CORR</b>	<b>ENDUR</b>	
TRIP	62804	.....	09:07	
CONT 5%	3140	.....	00:30	
ALTN KBNA	3996	.....	00:42	
FINAL RESV	3092	.....	00:30	
HOLD	2057	.....	00:20	
ADD FUEL	1018	.....	00:10	
<b>MIN T/O</b>	<b>76107</b>	.....	11:19	.....
EXTRA	1543	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
<b>RELEASE</b>	<b>78655</b>	.....	11:49	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	14176	.....	02:17	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 27081 KG LIM BY LDW  
 TRIP CORR FOR 5000 KG TOW INCR: +966 KG / 5000 KG TOW DECR: -948 KG  
 2000 FT LOWER: +919 KG / EET 09:02 CLB: 250/310/84 DES: 84/320/250

-----  

LOWW	STD 21:35Z/23:35L	ETD 21:35Z	ACT OFBL ....	EST T/O 21:50Z	ACT T/O ....
KATL	STA 08:30Z/04:30L	ETA 07:07Z	ACT ONBL ....	EST LDG 06:57Z	ACT LDG ....
	SKD 10:55	PLN 09:32	TTL BLCK ....	EST FLT 09:07	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 02:57

**TCC309C LOWW-KATL (04-Jul-2021) #1**

ETOPS EXIT (CYR) 10 NM BEFORE 5650N N56 02.4 W049 43.2 EET 05:03

**ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD**

EINN (01:44-02:17)  
BIKF (02:06-04:12)  
CYR (03:46-04:12)

-----  
**ONE ENGINE OUT DECOMP ETP 1 FOR EINN/BIKF** N56 12.0 W021 27.2 EET 03:07  
84/320/250 DESC TO FL100 CRUISE AT 1E0320 287 NM BEFORE 5730N  
PLN FUEL OVER ETP 52231 ETP FUEL REQ 11946 DIV TIME 01:20  
ETP TO EINN (N52 42.1 W008 55.5) DIST 485 NM WC HD001 TT 110  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 469 NM WC HD014 TT 356  
\*\*\* FUEL DUMP REQUIRED \*\*\*

**ALL ENGINE DECOMP ETP 1 FOR EINN/BIKF** N56 12.0 W021 27.2 EET 03:07  
84/320/250 DESC TO FL100 CRUISE AT AE320 287 NM BEFORE 5730N  
PLN FUEL OVER ETP 52231 ETP FUEL REQ 11403 DIV TIME 01:20  
ETP TO EINN (N52 42.1 W008 55.5) DIST 485 NM WC HD001 TT 110  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 469 NM WC HD014 TT 356  
\*\*\* FUEL DUMP REQUIRED \*\*\*

**ONE ENGINE OUT ETP 1 FOR EINN/BIKF** N56 15.0 W021 50.8 EET 03:09  
1E084/320 DESC TO FL265 CRUISE AT 1E0320 273 NM BEFORE 5730N  
PLN FUEL OVER ETP 52042 ETP FUEL REQ 12252 DIV TIME 01:08  
ETP TO EINN (N52 42.1 W008 55.5) DIST 498 NM WC HD004 TT 110  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 465 NM WC HD034 TT 358  
\*\*\* FUEL DUMP REQUIRED \*\*\*

**ONE ENGINE OUT ETP 2 FOR BIKF/CYR** N56 53.8 W041 36.8 EET 04:29  
1E084/320 DESC TO FL277 CRUISE AT 1E0320 284 NM BEFORE 5650N  
PLN FUEL OVER ETP 42802 ETP FUEL REQ 15530 DIV TIME 01:29  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 702 NM WC TL008 TT 045  
ETP TO CYR (N53 19.2 W060 25.6) DIST 679 NM WC HD010 TT 260

**ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/CYR** N56 52.6 W041 53.1 EET 04:30  
84/320/250 DESC TO FL100 CRUISE AT 1E0320 275 NM BEFORE 5650N  
PLN FUEL OVER ETP 42676 ETP FUEL REQ 16075 DIV TIME 01:51  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 709 NM WC TL012 TT 045  
ETP TO CYR (N53 19.2 W060 25.6) DIST 670 NM WC HD009 TT 259

**ALL ENGINE DECOMP ETP 2 FOR BIKF/CYR** N56 52.6 W041 53.1 EET 04:30  
84/320/250 DESC TO FL100 CRUISE AT AE320 275 NM BEFORE 5650N  
PLN FUEL OVER ETP 42676 ETP FUEL REQ 15345 DIV TIME 01:51  
ETP TO BIKF (N63 59.1 W022 36.3) DIST 709 NM WC TL012 TT 045  
ETP TO CYR (N53 19.2 W060 25.6) DIST 670 NM WC HD009 TT 259

\*\*\*\*\*

**ATC ROUTE:** N0492F340 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/N0490F380 DCT YRI DCT YJN DCT SYR  
J59 PSB Q71 KONGO J145 HLRRY ONDRE1

**ALTERNATE PLANNING**

## TCC309C LOWW-KATL (04-Jul-2021) #1

-----  
 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE  
 KBNA/31 189 8000 066 TL003 00:42 3996 - JAGIR SWFFT2

MOST CRITICAL MORA 9000 FT AT PUPDG

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WND/SPD	FREQ WND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
	LOWW/16 SCHWECHAT		600	042				77.7 / 1.0		4419 N4807.2 E01634.7	...../.....
BUWU1B	WW267	160	*CLB	042	P07 255/002		3	76.7 / 2.0		4416 N4804.0 E01636.0	02 00.02 ...../.....
BUWU1B	WW160	051	*CLB	042	P06 300/008		9	75.9 / 2.7		4406 N4809.2 E01647.6	02 00.04 ...../.....
BUWU1B	WW468	345	*CLB	042	P08 284/007		12	75.3 / 3.4		4395 N4820.6 E01644.6	02 00.06 ...../.....
BUWU1B	WW470	328	*CLB	042	P09 276/007		7	75.0 / 3.7		4388 N4826.6 E01639.9	01 00.07 ...../.....
BUWU1B	WW471	286	*CLB	042	P06 272/016		23	74.0 / 4.6		4366 N4834.4 E01607.9	03 00.10 ...../.....
BUWU1B	WW472	289	*CLB	050	P03 254/027		23	73.3 / 5.4		4342 N4843.5 E01535.9	03 00.13 ...../.....
BUWU1B	BUWUT	289	FL340	050	P01 249/039	492 462	12 4330	73.0 / 5.7		N4848.3 E01518.8	02 00.15 ...../.....
DCT	DITIS	301	FL340	050	P01 247/039	491 468	10 4321	72.8 / 5.8		N4853.9 E01507.0	01 00.16 ...../.....
DCT -LKAA	*BDRY	306	FL340	055	P01 248/039	491 469	6 4314	72.7 / 5.9		N4858.0 E01459.6	01 00.17 ...../.....
	EDDC	306	FL340	055	P04 285/066		23 4291	72.3 / 6.3		N4912.9 E01432.6	03 00.20 ...../.....
DCT	SOPGA	306	FL340	072	P00 228/044	490 478	92 4200	70.9 / 7.8		N5010.6 E01243.1	11 00.31 ...../.....
DCT -EDUU	VARIK	294	FL340	055	P00 223/045	491 473	15 4185	70.6 / 8.0		N5017.5 E01222.9	02 00.33 ...../.....
DCT	ROBEL	293	*CLB	055	P02 209/033		83 4102	69.4 / 9.3		N5053.9 E01026.1	10 00.43 ...../.....
L602	*TOC	292	FL360	049	P07 218/026	488 483	10 4093	69.1 / 9.4		N5058.0 E01012.4	02 00.45 ...../.....
L602	KEMAD	292	FL360	052	P08 219/025	491 484	22 4070	68.8 / 9.9		N5107.4 E00940.5	02 00.47 ...../.....

### TCC309C LOWW-KATL (04-Jul-2021) #1

L602 -EDVV	<b>*BDRY</b>	299	FL360	042	491	24	68.4 / 10.2	03	00.50
				P08	219/024	487 4046	N5120.1 E00907.5	...../.....	
	<b>EHAM</b>	298	FL360	043		22	68.1 / 10.6	03	00.53
				P08	270/064	4025	N5131.2 E00837.9	...../.....	
L602	<b>HMM HAMM</b>	298	FL360	043	<b>115.65</b>	492 40	67.5 / 11.2	05	00.58
				P09	221/024	487 3985	N5151.4 E00742.5	...../.....	
L602	<b>REBGU</b>	293	FL360	037		493 30	67.0 / 11.6	04	01.02
				P09	222/024	485 3954	N5204.4 E00658.2	...../.....	
L602	<b>RELBI</b>	293	FL360	022		493 6	66.9 / 11.7	00	01.02
				P09	222/024	485 3948	N5207.1 E00648.8	...../.....	
L602 -EHAA	<b>RKN REKKEN</b>	294	FL360	022	<b>116.80</b>	493 2	66.9 / 11.7	01	01.03
				P09	222/024	485 3946	N5208.0 E00645.8	...../.....	
L602	<b>TENLI</b>	288	FL360	022		493 20	66.6 / 12.1	02	01.05
				P09	224/025	483 3926	N5214.8 E00615.0	...../.....	
L602	<b>FLEVO</b>	287	FL360	024		494 25	66.2 / 12.4	03	01.08
				P10	227/026	481 3901	N5223.1 E00536.1	...../.....	
L602	<b>SPY SPIJKERBOOR</b>	287	FL360	024	<b>113.30</b>	494 29	65.8 / 12.9	04	01.12
				P10	230/025	480 3872	N5232.4 E00451.2	...../.....	
DCT -EGTT	<b>RAVLO</b>	289	FL360	017		495 66	64.8 / 13.9	08	01.20
				P11	217/023	486 3806	N5255.0 E00308.9	...../.....	
	<b>EGCC</b>	281	FL360	014		13	64.6 / 14.1	02	01.22
				P11	262/058	3793	N5257.8 E00248.0	...../.....	
Y70	<b>BODSO</b>	281	FL360	016		496 26	64.2 / 14.4	03	01.25
				P12	212/022	487 3767	N5303.1 E00205.7	...../.....	
Y70	<b>SUPEL</b>	281	FL360	018		497 55	63.4 / 15.3	07	01.32
				P12	212/021	488 3711	N5313.7 E00035.5	...../.....	
Y70	<b>ABTOS</b>	280	FL360	018		497 6	63.3 / 15.3	00	01.32
				P13	212/021	488 3705	N5314.8 E00025.6	...../.....	
Y70	<b>OTBED</b>	280	FL360	018		497 14	63.1 / 15.6	02	01.34
				P13	213/021	488 3691	N5317.3 E00001.9	...../.....	
DCT	<b>NISBI</b>	280	FL360	028		496 25	62.7 / 15.9	03	01.37
				P12	187/020	496 3666	N5321.5 W00039.4	...../.....	
DCT	<b>DOPEK</b>	280	FL360	028		496 10	62.6 / 16.1	02	01.39
				P12	177/020	496 3656	N5323.1 W00055.5	...../.....	
DCT	<b>ARTIX</b>	280	FL360	036		495 4	62.5 / 16.1	00	01.39
				P12	174/020	499 3652	N5323.7 W00102.2	...../.....	
DCT	<b>MOGMO</b>	280	FL360	036		495 6	62.4 / 16.2	01	01.40
				P12	173/020	500 3646	N5324.7 W00112.9	...../.....	
DCT	<b>MAMUL</b>	279	FL360	036		495 2	62.4 / 16.3	00	01.40

**TCC309C LOWW-KATL (04-Jul-2021) #1**

				P12 173/020 500 3643	N5325.1 W00116.8	...../.....
L60	<b>ADELU</b>	279	FL360 036	495 9	62.3 / 16.4	01 01.41
				P12 172/020 500 3634	N5326.5 W00132.2	...../.....
L60	<b>BOLBI</b>	279	FL360 036	495 10	62.1 / 16.5	01 01.42
				P12 171/020 500 3624	N5328.0 W00148.8	...../.....
L60	<b>SONEX</b>	279	FL360 036	495 13	61.9 / 16.7	02 01.44
				P12 170/019 501 3611	N5329.9 W00210.4	...../.....
L60	<b>PENIL</b>	279	FL360 047	495 54	61.2 / 17.5	06 01.50
				P12 166/018 502 3557	N5337.0 W00339.8	...../.....
M144	<b>BABRA</b>	276	FL360 047	496 10	61.0 / 17.6	02 01.52
				P12 165/017 501 3547	N5337.7 W00356.7	...../.....
M144	<b>GIGTO</b>	276	FL360 048	496 5	61.0 / 17.7	00 01.52
				P12 165/017 501 3542	N5338.0 W00405.9	...../.....
M144	<b>UNDUX</b>	275	FL360 048	496 8	60.8 / 17.8	01 01.53
				P12 164/017 501 3534	N5338.5 W00418.7	...../.....
M144	<b>SOPAX</b>	275	FL360 048	496 5	60.8 / 17.9	01 01.54
				P12 164/017 501 3529	N5338.8 W00427.1	...../.....
M144	<b>RAMOX</b>	275	FL360 048	496 14	60.6 / 18.1	01 01.55
				P12 163/016 501 3515	N5339.6 W00450.4	...../.....
M144	<b>OGTUG</b>	275	FL360 048	496 11	60.4 / 18.2	02 01.57
				P12 163/016 501 3504	N5340.2 W00508.8	...../.....
M144	<b>BAGSO</b>	275	FL360 017	496 13	60.2 / 18.4	01 01.58
-EISN				P12 163/015 501 3492	N5340.8 W00530.0	...../.....
	<b>EINN</b>	289	FL360 017	10	60.1 / 18.6	01 01.59
				P13 222/020 3481	N5343.9 W00547.0	...../.....
DCT	<b>*BDRY</b>	289	FL360 043	495 177	57.6 / 21.0	21 02.20
-EGGX				P10 110/007 504 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	<b>RESNO</b>	288	FL360 036	493 155	55.5 / 23.2	19 02.39
				P09 115/004 498 3150	N5500.0 W01500.0	...../.....

----- ETOPS ENTRY (EINN) 0029 NM BEFORE 5620N EET 02:57 -----

DCT	<b>5620N</b>	297	FL360 010	493 180	52.9 / 25.7	22 03.01
	56N020W			P08 025/017 495 2969	N5600.0 W02000.0	...../.....

### TCC309C LOWW-KATL (04-Jul-2021) #1

	<b>*ETP 1</b>	293	FL360	010		493	64	52.0 / 26.6	08	03.09
	EINN/BIKF				P07	023/021	495 2906	N5615.0 W02150.8	...../.....	
DCT	<b>5730N</b>	293	FL360	010		491	273	48.2 / 30.4	33	03.42
-CZQX	57N030W				P05	350/025	484 2632	N5700.0 W03000.0	...../.....	
DCT	<b>5740N</b>	288	FL360	010		489	327	43.6 / 35.1	41	04.23
	57N040W				P02	337/027	479 2305	N5700.0 W04000.0	...../.....	
	<b>*ETP 2</b>	282	FL360	010		489	62	42.7 / 36.0	07	04.30
	BIKF/CYYR				P02	333/023	482 2243	N5652.6 W04153.1	...../.....	
----- ETOPS EXIT (CYYR) 0010 NM BEFORE 5650N EET 05:03 -----										
DCT	<b>5650N</b>	276	FL360	010		489	275	38.8 / 39.8	35	05.05
	56N050W				P02	327/020	482 1968	N5600.0 W05000.0	...../.....	
DCT	<b>JANJO</b>	267	*CLB	017			268	35.2 / 43.5	33	05.38
					P04	288/003	1700	N5402.0 W05700.0	...../.....	
DCT	<b>*BDRY</b>	257	FL380	053		490	287	31.3 / 47.4	35	06.13
-CZUL					P05	071/013	501 1413	N5113.7 W06323.4	...../.....	
	<b>CYBG</b>	251	FL380	046			77	30.3 / 48.3	09	06.22
					P06	029/027	1336	N5025.2 W06458.3	...../.....	
DCT	<b>YRI</b>	249	FL380	055	<b>113.90</b>	490	243	27.3 / 51.3	29	06.51
	RIVIERE DU LOUP				P05	039/026	516 1093	N4745.4 W06935.3	...../.....	
	<b>CYUL</b>	244	FL380	053			126	25.8 / 52.9	14	07.05
					P02	019/036	967	N4618.1 W07149.4	...../.....	
DCT	<b>YJN</b>	241	FL380	046	<b>115.80</b>	489	89	24.7 / 53.9	10	07.15
	ST-JEAN				P04	018/040	524 878	N4515.4 W07319.3	...../.....	
DCT	<b>*BDRY</b>	240	FL380	028		489	22	24.5 / 54.2	03	07.18
-KZBW					P04	018/042	524 856	N4500.0 W07341.4	...../.....	
DCT	<b>SYR</b>	239	FL380	083	<b>117.00</b>	487	155	22.6 / 56.0	18	07.36
	SYRACUSE				P01	000/048	521 701	N4309.6 W07612.3	...../.....	
J59	<b>AUDIL</b>	223	FL380	048		486	20	22.4 / 56.3	02	07.38
-KZNY					P01	357/048	527 680	N4252.3 W07626.6	...../.....	
	<b>KPIT</b>	223	FL380	048			7	22.3 / 56.3	01	07.39
-KZBW					P01	335/033	673	N4246.0 W07631.8	...../.....	
J59	<b>EXTOL</b>	223	FL380	048		487	8	22.2 / 56.4	01	07.40
-KZNY					P01	355/048	526 665	N4239.5 W07637.1	...../.....	
J59	<b>*BDRY</b>	223	FL380	048		487	7	22.1 / 56.5	00	07.40
					P01	354/048	526 659	N4233.7 W07641.8	...../.....	
J59	<b>CNTER</b>	223	FL380	048		487	24	21.9 / 56.8	03	07.43
					P01	349/048	523 635	N4213.2 W07658.4	...../.....	
J59	<b>ZUUCS</b>	222	FL380	050		487	59	21.2 / 57.5	07	07.50
					P01	342/046	518 576	N4122.3 W07738.5	...../.....	

### TCC309C LOWW-KATL (04-Jul-2021) #1

J59	<b>PSB</b> PHILIPSBURG	221	FL380	050	<b>115.50</b>	487	32	20.8 / 57.9	04	07.54
				P01	338/044	514	544	N4055.0 W07759.6	...../.....	
Q71	<b>*BDRY</b> -KZOB	240	FL380	055		487	7	20.7 / 58.0	01	07.55
				P01	338/043	510	537	N4050.3 W07806.7	...../.....	
Q71	<b>PSYKO</b>	240	FL380	055		488	63	19.9 / 58.7	07	08.02
				P01	331/040	496	474	N4008.6 W07909.2	...../.....	
Q71	<b>EMNEM</b>	239	FL380	071		488	57	19.2 / 59.5	07	08.09
				P01	329/039	494	417	N3931.5 W08004.5	...../.....	
Q71	<b>*BDRY</b> -KZID	238	FL380	052		488	30	18.8 / 59.8	04	08.13
				P01	328/038	493	387	N3911.7 W08033.2	...../.....	
Q71	<b>GEFFS</b>	237	FL380	052		488	16	18.6 / 60.0	02	08.15
				P01	328/037	493	371	N3900.8 W08048.8	...../.....	
Q71	<b>ASERY</b>	224	FL380	072		487	39	18.1 / 60.5	04	08.19
				P01	327/033	500	332	N3828.6 W08117.6	...../.....	
Q71	<b>WISTA</b>	223	FL380	056		487	14	18.0 / 60.7	02	08.21
				P01	326/031	499	317	N3817.0 W08127.8	...../.....	
Q71	<b>KONGO</b>	223	FL380	070		488	57	17.3 / 61.4	07	08.28
				P01	313/026	492	261	N3730.3 W08208.2	...../.....	
	<b>KATL</b>	206	FL380	061			27	16.9 / 61.7	03	08.31
				P01	296/019		234	N3704.6 W08219.2	...../.....	
J145	<b>HLRRY</b>	206	FL380	061		487	0	16.9 / 61.7	00	08.31
				P01	305/026	495	234	N3704.5 W08219.2	...../.....	
ONDRE1	<b>*BDRY</b> -KZTL	212	FL380	086		487	11	16.8 / 61.9	02	08.33
				P01	304/026	494	222	N3654.1 W08225.1	...../.....	
ONDRE1	<b>ADEIN</b>	211	FL380	086		488	43	16.3 / 62.4	05	08.38
				P01	302/023	490	179	N3615.0 W08247.0	...../.....	
ONDRE1	<b>PUPDG</b>	212	FL380	090		488	32	15.9 / 62.8	04	08.42
				P01	300/020	489	148	N3546.5 W08303.7	...../.....	
ONDRE1	<b>*TOD</b>	212	FL380	089		488	22	15.6 / 63.1	02	08.44
				P01	298/018	488	126	N3526.7 W08315.2	...../.....	
ONDRE1	<b>ALADY</b>	212	*DES	089			1	15.6 / 63.1	00	08.44
				P01	299/017		125	N3526.2 W08315.4	...../.....	
ONDRE1	<b>WEALL</b>	211	*DES	089			24	15.5 / 63.1	03	08.47
				P10	312/015		101	N3504.3 W08327.8	...../.....	
ONDRE1	<b>KNOWW</b>	212	*DES	089			29	15.5 / 63.2	04	08.51
				P14	339/014		72	N3438.0 W08342.9	...../.....	
ONDRE1	<b>STRWY</b>	211	*DES	078			20	15.4 / 63.3	03	08.54
				P13	022/011		52	N3419.8 W08353.3	...../.....	



### TCC309C LOWW-KATL (04-Jul-2021) #1

ONDRE1	ONDRE	213	*DES 078	9	15.3 / 63.3	01	08.55
			P12 042/011	42	N3411.7 W08358.4	...../.....	
ONDRE1	SMELY	213	*DES 078	13	15.3 / 63.4	03	08.58
			P11 063/010	29	N3400.0 W08405.8	...../.....	
ONDRE1	VOLTS	176	*DES 046	5	15.2 / 63.4	01	08.59
			P11 066/007	24	N3355.1 W08404.7	...../.....	
ONDRE1	KATL/26R	231	1026 046	24	14.8 / 63.8	08	09.07
	HARTSFIELD - JACKSON				N3339.0 W08424.6	...../.....	

-----

## TCC309C LOWW-KATL (04-Jul-2021) #1

### WIND INFORMATION - OBS 04/JUL 12:00

```

-----
(CLIMB)                SOPGA                KEMAD                REBGU
FL330 257/037 -49  FL380 229/022 -49  FL400 235/022 -47  FL400 235/022 -46
FL260 270/016 -30  FL360 228/033 -50  FL380 233/024 -47  FL380 235/024 -46
FL200 273/009 -16  FL340 228/045 -52  FL360 220/025 -48  FL360 223/024 -47
FL130 298/008  -4  FL320 223/036 -47  FL340 208/028 -50  FL340 211/026 -48
 6000 297/004  +9  FL300 216/027 -42  FL320 193/032 -46  FL320 191/028 -45

RAVLO                ABTOS                PENIL                RESNO
FL400 219/023 -45  FL400 219/025 -44  FL400 192/017 -43  FL400 044/001 -43
FL380 220/023 -44  FL380 219/024 -43  FL380 185/017 -43  FL380 065/002 -43
FL360 218/023 -45  FL360 213/022 -44  FL360 166/018 -44  FL360 115/005 -48
FL340 216/023 -46  FL340 205/019 -44  FL340 149/021 -46  FL340 125/009 -52
FL320 206/024 -44  FL320 199/021 -44  FL320 139/025 -47  FL320 125/010 -50

5620N                5730N                5740N                5650N
FL400 038/008 -44  FL400 351/019 -50  FL400 332/024 -56  FL400 304/020 -57
FL380 030/011 -45  FL380 352/022 -51  FL380 337/026 -57  FL380 316/019 -58
FL360 025/018 -48  FL360 351/026 -52  FL360 337/027 -54  FL360 328/021 -54
FL340 023/025 -51  FL340 350/030 -53  FL340 337/028 -52  FL340 338/023 -50
FL320 025/024 -49  FL320 353/027 -49  FL320 327/026 -47  FL320 337/021 -45

YRI                YJN                SYR                ZUUCS
FL420 032/016 -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 342/046 -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 337/016 -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  +1
FL340 326/035 -47  FL340 320/034 -46  FL340 312/029 -46   7000 032/010  +13

```

-----  
 END FLIGHTPLAN 00650 TCC309C PJTGE LOWW-KATL 04JUL2021

## TCC309C LOWW-KATL (04-Jul-2021) #1

### [ATC FLIGHTPLAN]

(FPL-TCC309C-IS  
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2  
-LOWW2135  
-N0492F340 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/N0490F380 DCT YRI DCT  
YJN DCT SYR J59 PSB Q71 KONGO J145 HLRRY ONDRE1  
-KATL0907 KBNA  
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/210704 REG/PJTGE  
EET/LKAA0017 EDUU0033 EDVV0050 EHAA0102 EGT0120 EISN0158  
EGGX0220 56N020W0301 CZQX0342 57N040W0423 56N050W0505 CZUL0613  
KZBW0718 KZNY0740 KZOB0755 KZID0813 KZTL0833  
SEL/EGAP CODE/484DC7 RVR/75 OPR/TRADEWIND CARIBBEAN  
ORGN/TNCCTCAP PER/C  
RALT/EINN BIKF CYR  
RMK/TCAS  
-E/1134)

## TCC309C 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

**TCC309C 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

**TCC309C 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

**TCC309C 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](http://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

**TCC309C 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.



**TCC309C 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

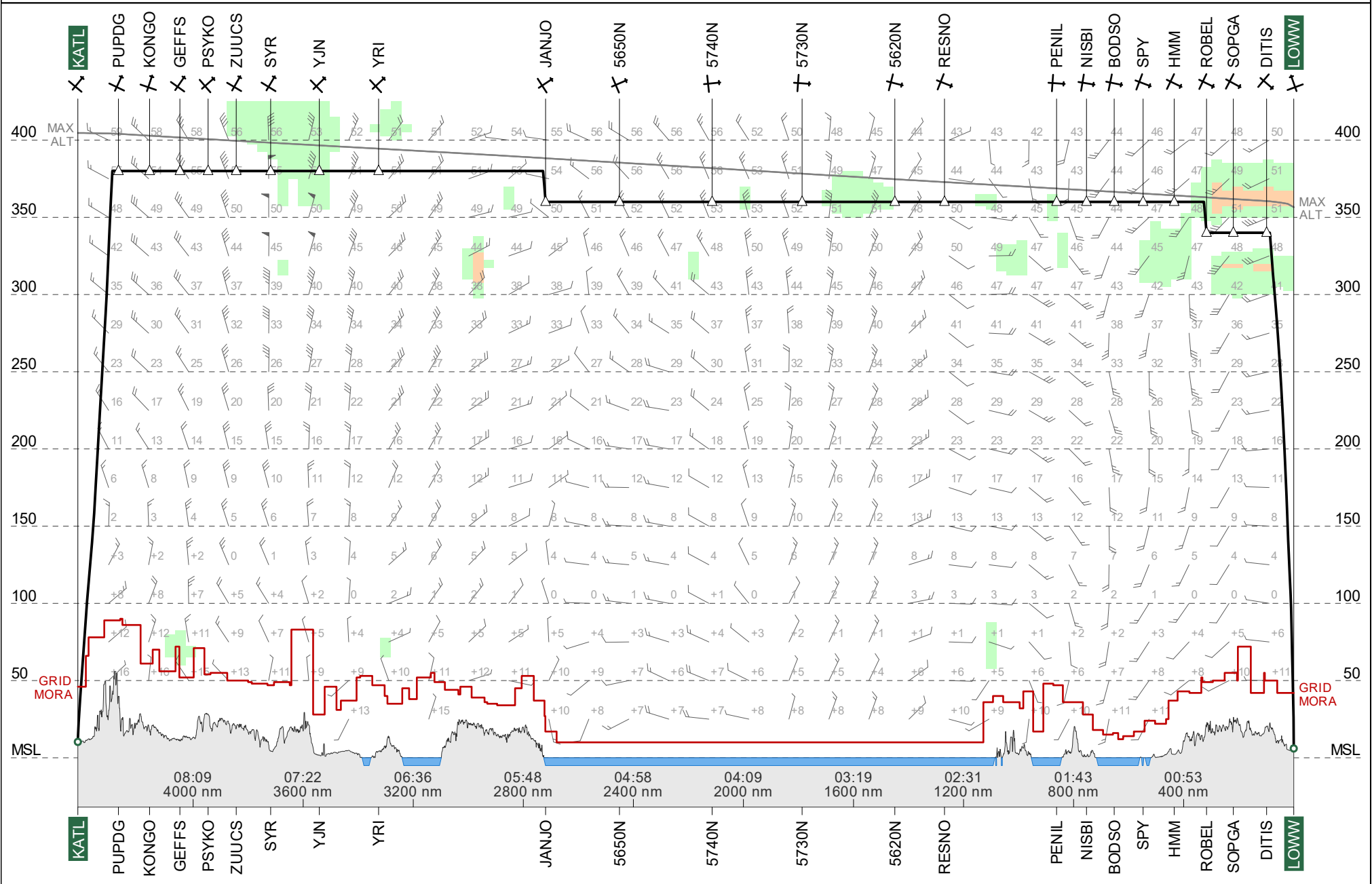
8.AIRCRAFT EXITING THE NAT INTO TO A DOMESTIC AGENCY SHOULD CONTINUE TO OPERATE TRANSPONDERS ON CODE 2000 UNTIL OTHERWISE ADVISED BY ATC SEE ICAO NAT DOC 007 6.8 FOR MORE INFO.-

END OF PART TWO OF TWO PARTS)

# TR309C #1

## KATL ← LOWW

ETD 04 Jul 21:35z  
PJTGE B77L



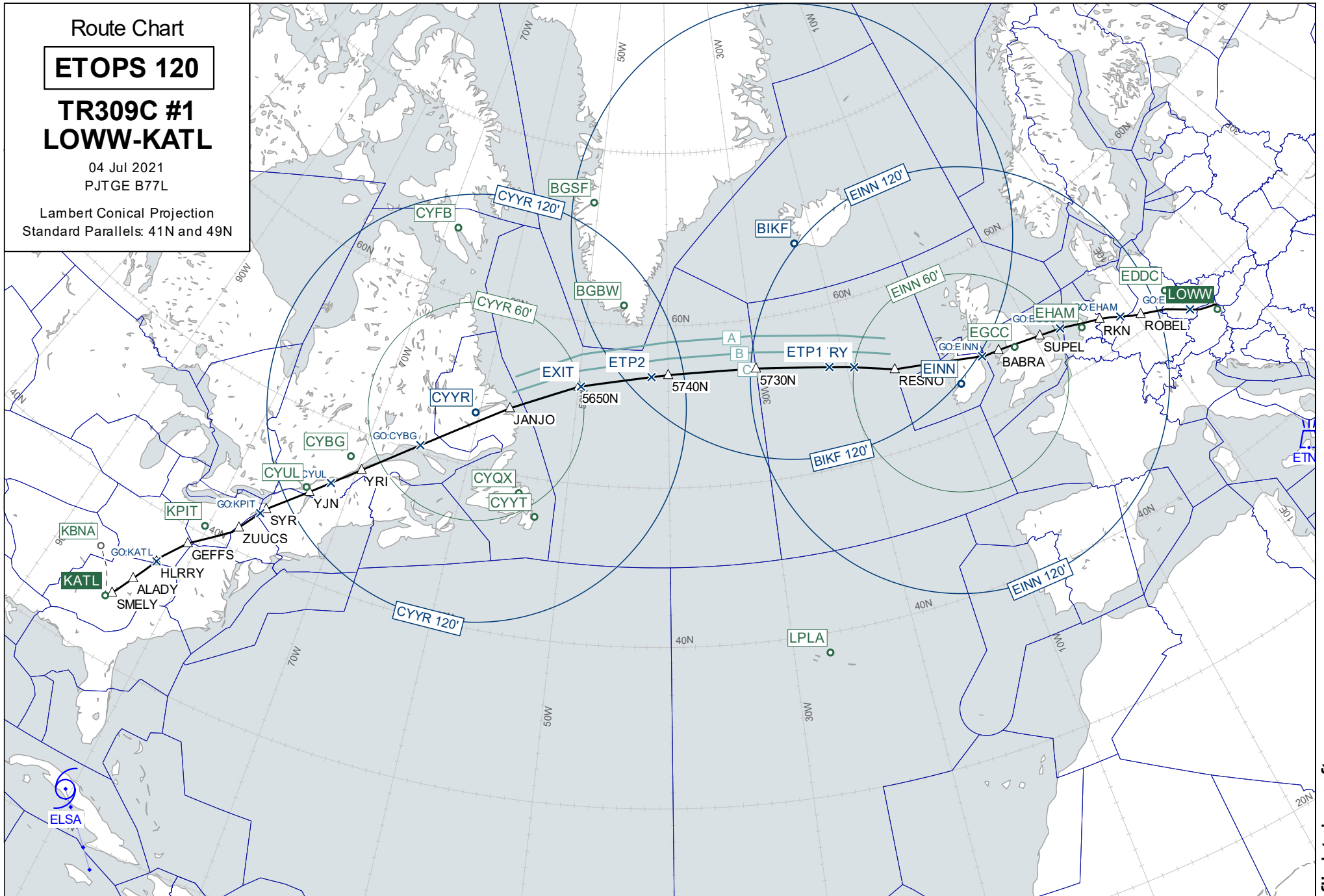
Route Chart

**ETOPS 120**

**TR309C #1**  
**LOWW-KATL**

04 Jul 2021  
PJTGE B77L

Lambert Conical Projection  
Standard Parallels: 41N and 49N



# Wind Chart

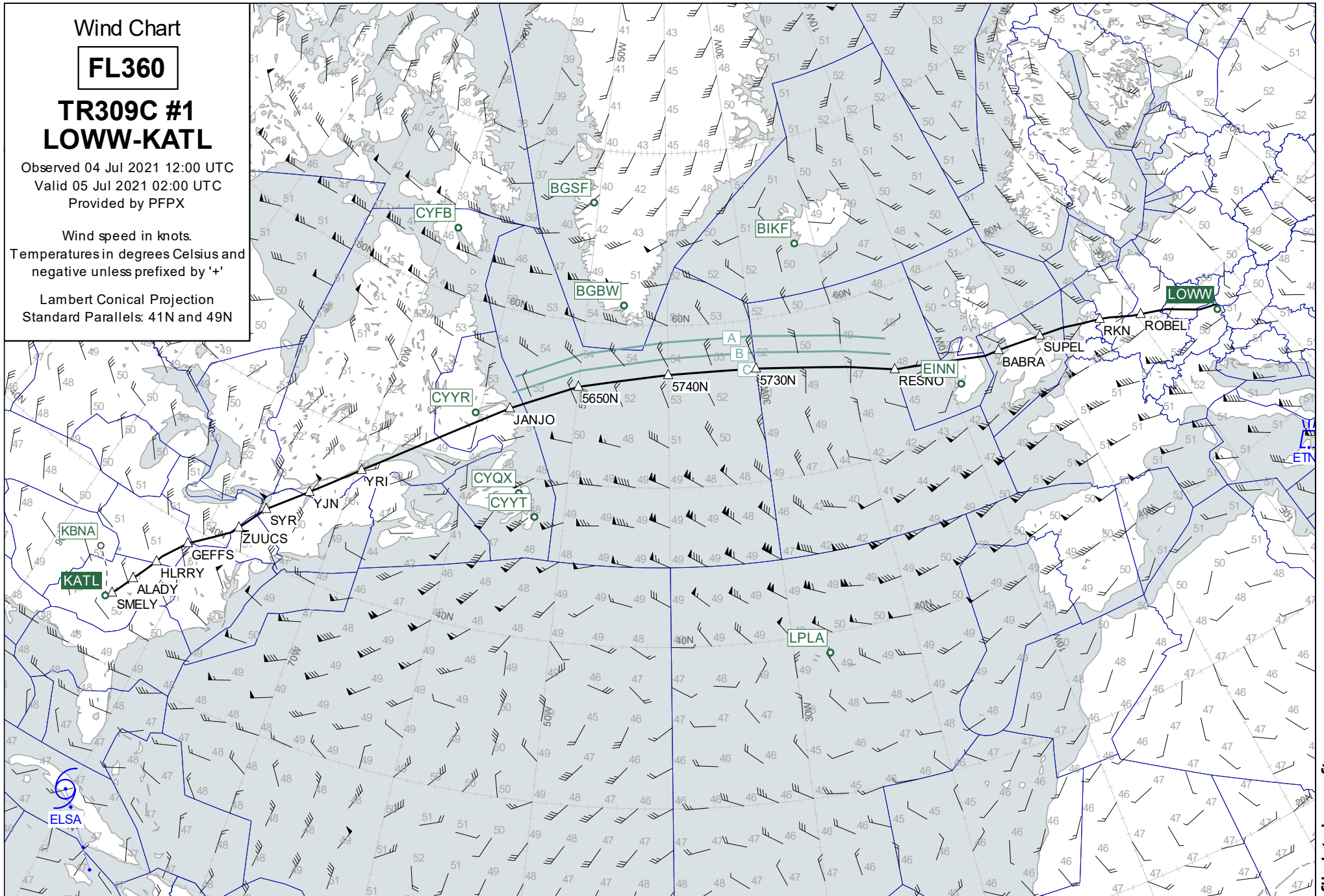
## FL360

### TR309C #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

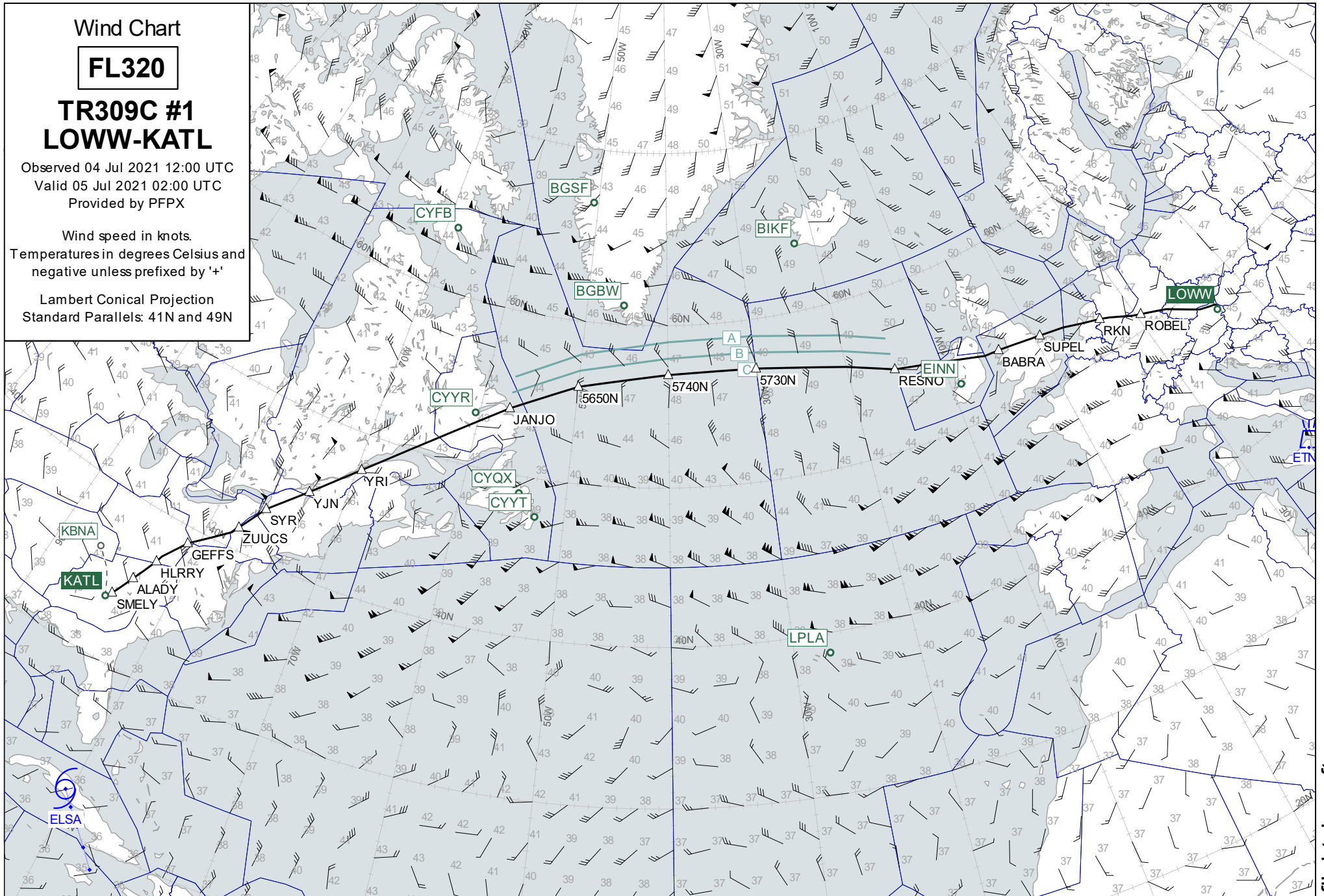
## FL320

### TR309C #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

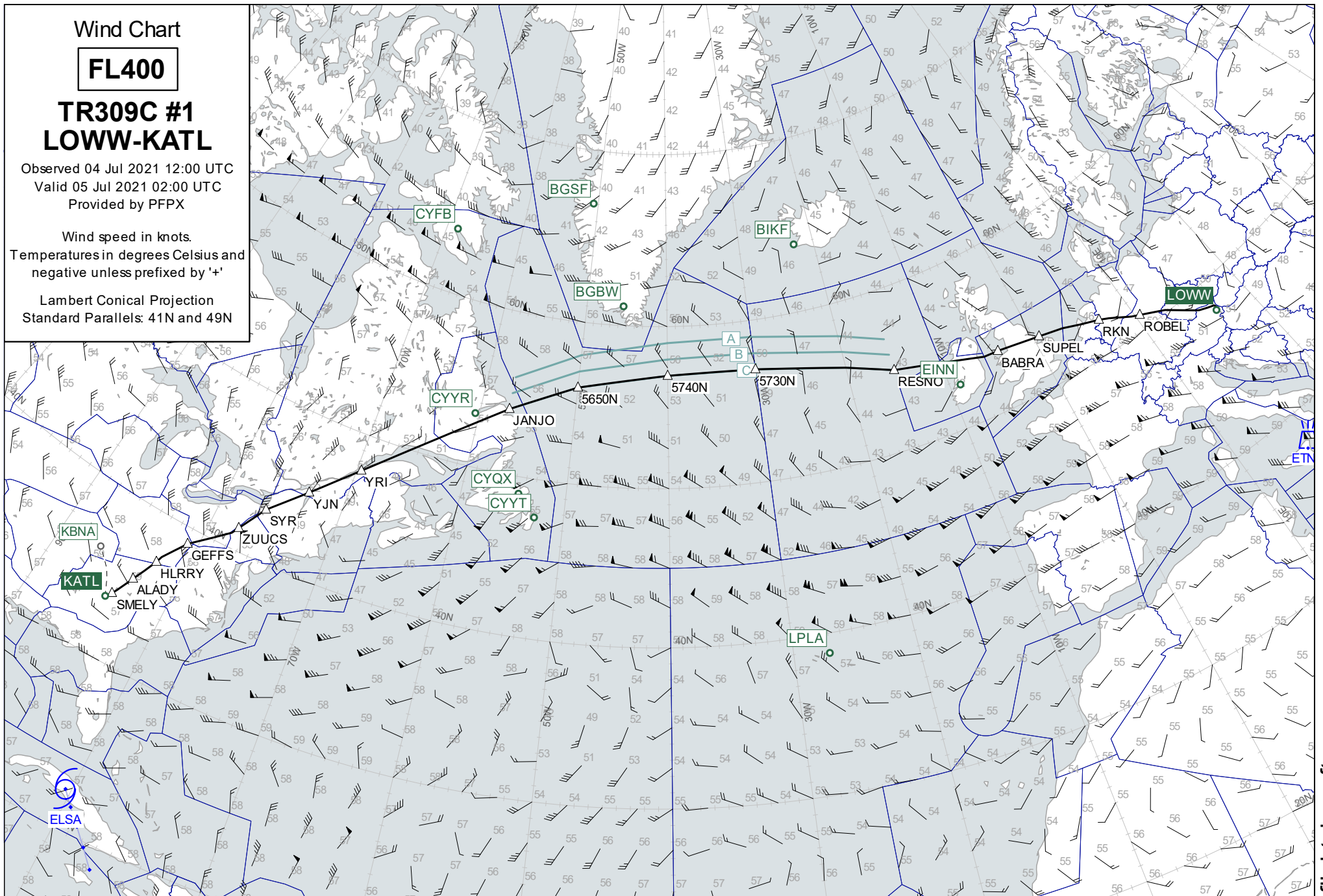
## FL400

### TR309C #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

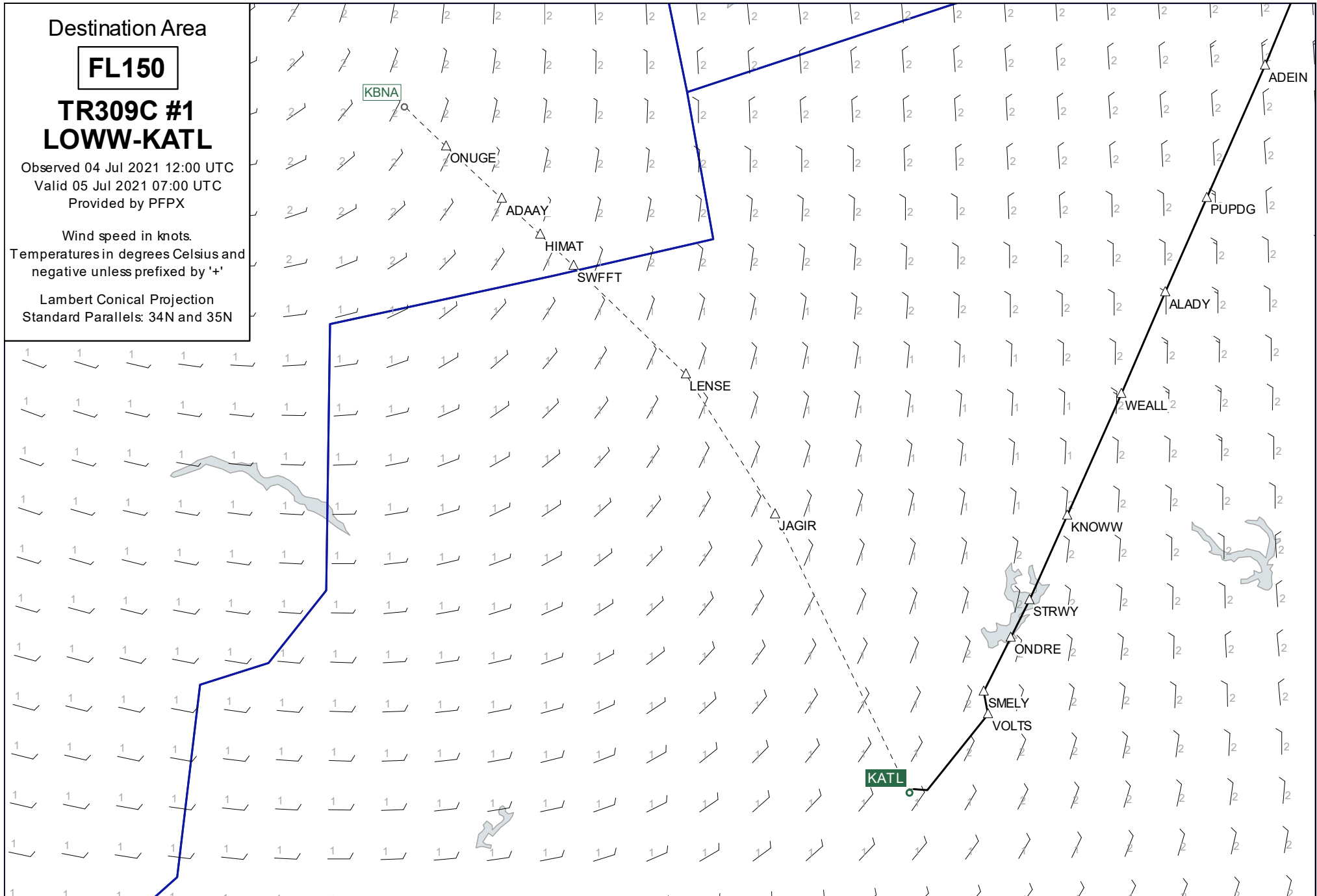
**FL150**

**TR309C #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 TR309C #1 LOWW-KATL

04 Jul 2021  
PJTGE B77L

Lambert Conical Projection  
Standard Parallels: 52N and 54N

