



Tradewind VA



Flight Briefing Package

TCC316A LIMC-KATL

11-Sep-2022 #2

RELEASE #2

MALPENSA

(ITALY)

-

HARTSFIELD - JACKSON ATLANTA I

(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

11 SEP 1449 UTC

TCC316A LIMC-KATL (11-Sep-2022) #2

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC316A PJTGC LIMC-KATL

 ALL WEIGHTS IN KILOGRAMS (KG) STD 11SEP/1810Z

OPF 2 - PREPARED 11SEP/1449Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR316A/TCC316A PJTGC/B777-2LR GE SEL/SALH ROUTE: LIMCKATL01

DEP: LIMC/MXP 35R ELEV 768 FT COST INDEX: 250 TTL G/C DIST: 4128 NM
 ARR: KATL/ATL 08L ELEV 1026 FT INIT ALT: FL340 TTL F/P DIST: 4280 NM
 FUEL BIAS: 102.5% TTL AIR DIST: 4511 NM
 AVG WIND CMP: HD025 KT

ALT: KMEM/MEM 18L ELEV 341 FT 304 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM		ZFW	TOW	LDW
STANDARD	156746	260	0	25740	9577 TOW	MAX	209106	278848	223167
						PLN	182486	269271	201593
						ACT	.....	.....	.....

 ** TAKE-OFF DATA LIMC 35R **

COND: 269271 KG // RWY DRY // +28°C Q1015 250/10 // LMT: OBS(B)
 CONFIG: FLAPS 5 // D-T01 +36C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=155 VR=159 V2=164
 ENG OUT: AT 5 DME 'MAL' 111.2 LT TO 'NOV' 292 (325 INBD,RT)

	FUEL	CORR	ENDUR	
TRIP	67678	.....	09:20	
CONT 5%	3384	.....	00:32	
ALTN KMEM	5739	.....	00:49	
FINAL RESV	3156	.....	00:30	
HOLD	4195	.....	00:40	
ADD FUEL	1060	.....	00:10	
MIN T/O	85212	.....	12:02	.....
EXTRA	1573	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	87790	.....	12:32	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	18437	.....	02:47	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 11150 KG LIM BY ENRTE
 TRIP CORR FOR 5000 KG TOW INCR: +842 KG / 5000 KG TOW DECR: -951 KG
 2000 FT LOWER: +1214 KG / EET 09:14 CLB: 250/310/84 DES: 84/320/250

LIMC	STD 18:10Z/20:10L	ETD 18:10Z	ACT OFBL	EST T/O 18:25Z	ACT T/O
KATL	STA 04:55Z/00:55L	ETA 03:55Z	ACT ONBL	EST LDG 03:45Z	ACT LDG
	SKD 10:45	PLN 09:45	TTL BLCK	EST FLT 09:20	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (EINN)	9 NM BEFORE 5520N	N54 58.7 W019 43.9	EET 02:45
ETOPS EXIT (CYR)	34 NM BEFORE 5350N	N53 12.9 W049 07.9	EET 04:54

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ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (22:03-22:59)
 BIKF (22:47-00:32)
 CYYR (00:12-00:32)

ONE ENGINE OUT DECOMP ETP 1 FOR EINN/BIKF	N55 06.0 W024 18.8	EET 03:04
84/320/250 DESC TO FL100 CRUISE AT 1E0320	196 NM BEFORE 5530N	
PLN FUEL OVER ETP 59891 ETP FUEL REQ 13440	DIV TIME 01:30	
ETP TO EINN (N52 42.1 W008 55.5) DIST 562 NM	WC TL006 TT 099	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 536 NM	WC HD011 TT 005	
*** FUEL DUMP REQUIRED ***		

ALL ENGINE DECOMP ETP 1 FOR EINN/BIKF	N55 06.0 W024 18.8	EET 03:04
84/320/250 DESC TO FL100 CRUISE AT AE320	196 NM BEFORE 5530N	
PLN FUEL OVER ETP 59891 ETP FUEL REQ 12829	DIV TIME 01:30	
ETP TO EINN (N52 42.1 W008 55.5) DIST 562 NM	WC TL006 TT 099	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 536 NM	WC HD011 TT 005	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT ETP 1 FOR EINN/BIKF	N55 06.2 W024 50.2	EET 03:07
1E084/320 DESC TO FL255 CRUISE AT 1E0320	178 NM BEFORE 5530N	
PLN FUEL OVER ETP 59627 ETP FUEL REQ 13637	DIV TIME 01:16	
ETP TO EINN (N52 42.1 W008 55.5) DIST 580 NM	WC TL010 TT 098	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 538 NM	WC HD024 TT 006	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/CYYR	N54 58.9 W040 07.5	EET 04:11
84/320/250 DESC TO FL100 CRUISE AT 1E0320	368 NM BEFORE 5350N	
PLN FUEL OVER ETP 52043 ETP FUEL REQ 16843	DIV TIME 01:56	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 756 NM	WC TL020 TT 037	
ETP TO CYYR (N53 19.2 W060 25.6) DIST 719 NM	WC TL001 TT 270	

ALL ENGINE DECOMP ETP 2 FOR BIKF/CYYR	N54 58.9 W040 07.5	EET 04:11
84/320/250 DESC TO FL100 CRUISE AT AE320	368 NM BEFORE 5350N	
PLN FUEL OVER ETP 52043 ETP FUEL REQ 16077	DIV TIME 01:56	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 756 NM	WC TL020 TT 037	
ETP TO CYYR (N53 19.2 W060 25.6) DIST 719 NM	WC TL001 TT 270	

ONE ENGINE OUT ETP 2 FOR BIKF/CYYR	N54 57.1 W040 19.3	EET 04:12
1E084/320 DESC TO FL265 CRUISE AT 1E0320	361 NM BEFORE 5350N	
PLN FUEL OVER ETP 51940 ETP FUEL REQ 16409	DIV TIME 01:35	
ETP TO BIKF (N63 59.1 W022 36.3) DIST 762 NM	WC TL022 TT 037	
ETP TO CYYR (N53 19.2 W060 25.6) DIST 712 NM	WC HD011 TT 270	

ATC ROUTE: N0494F340 DOGU6T AOSTA DCT ORSUD UM729 DJL UH10 AMODO UM729 RESMI
 UN491 LGL UN502 JSY DCT LIZAD N160 LND DCT INSUN/N0486F260 M142
 LESLU DCT VENER/M084F360 DCT 55N020W 55N030W 55N040W 53N050W DCT
 RIKAL DCT QUBIS DCT ALB J49 PSB Q71 GEFFS DCT HVQ DCT HLLRY ONDRE1

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
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KMEM/18L 304 FL360 051 HD032 00:49 5739 - VUZ

MOST CRITICAL MORA 17700 FT AT MC519

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA ISA	FREQ WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
-LIMM	LIMC/35R MALPENSA		768	121				86.8 / 1.0 N4537.0 E00844.3/.....	
DOGU6T	MC604	352	*CLB	121 P08	322/004		6 4274	85.6 / 2.2 N4542.5 E00843.6	03 00.03/.....	
DOGU6T	MC613	271	*CLB	121 P08	328/010		5 4269	85.1 / 2.6 N4542.9 E00836.2	01 00.04/.....	
DOGU6T	DOGUB	235	*CLB	121 P08	326/014		4 4265	84.9 / 2.9 N4540.8 E00831.4	00 00.04/.....	
DOGU6T	NELAB	235	*CLB	121 P08	325/019		6 4260	84.6 / 3.2 N4537.7 E00824.4	01 00.05/.....	
DOGU6T	MC501	227	*CLB	121 P09	325/025		5 4255	84.3 / 3.5 N4534.5 E00818.9	01 00.06/.....	
DOGU6T	MC502	286	*CLB	121 P09	325/028		3 4251	84.2 / 3.6 N4535.5 E00814.7	01 00.07/.....	
DOGU6T	*BDRY	286	*CLB	121 P09	323/032		5 4247	83.9 / 3.9 N4537.0 E00808.2	00 00.07/.....	
DOGU6T	MC519	286	*CLB	177 P09	319/035		10 4237	83.5 / 4.3 N4540.1 E00754.9	02 00.09/.....	
DOGU6T	AOSTA	285	*CLB	177 P07	318/039		25 4212	82.6 / 5.2 N4547.8 E00720.8	03 00.12/.....	
DCT -LSAC	*BDRY	322	*CLB	177 P06	319/041		8 4204	82.3 / 5.5 N4554.0 E00714.4	01 00.13/.....	
DCT -LSAS	ORSUD	322	*CLB	177 P05	319/040		4 4200	82.2 / 5.6 N4557.5 E00710.9	01 00.14/.....	
UM729 -LSAC	*TOC	322	FL340	177 P04	319/040	495 454	8 4191	81.9 / 5.9 N4604.4 E00703.8	01 00.15/.....	
UM729 -LFFF	*BDRY	322	FL340	173 P04	322/041	495 454	15 4176	81.7 / 6.1 N4616.9 E00650.9	02 00.17/.....	
UM729 -LSAC	MOLUS	322	FL340	130 P04	323/041	494 453	12 4164	81.5 / 6.3 N4626.6 E00640.8	02 00.19/.....	
UM729 -LFFF	*BDRY	294	FL340	130 P04	322/038	494 457	24 4140	81.1 / 6.7 N4637.0 E00609.8	03 00.22/.....	
UM729	NIVIN	293	FL340	130 P04	320/035	494 460	14 4127	80.8 / 7.0 N4642.9 E00552.0	02 00.24/.....	

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UM729	UNKIR	314	FL340	081	494	8	80.7 / 7.1	01	00.25
				P04	319/034	459 4118	N4648.9 E00543.6/.....	
UM729	DJL	315	FL340	081	111.45	494 38	80.0 / 7.7	05	00.30
	DIJON LONGVIC			P04	315/031	462 4081	N4716.3 E00505.8/.....	
	LFPG	302	FL340	044		27	79.6 / 8.2	03	00.33
				P03	264/017	4053	N4731.7 E00432.3/.....	
UH10	OBURO	302	FL340	044	494	13	79.4 / 8.4	02	00.35
				P04	316/026	466 4040	N4739.1 E00415.9/.....	
UH10	CHABY	303	FL340	044	494	15	79.1 / 8.7	02	00.37
				P04	315/024	468 4024	N4747.8 E00356.9/.....	
UH10	OKRIX	302	FL340	039	494	18	78.8 / 9.0	02	00.39
				P04	315/023	470 4006	N4758.0 E00334.1/.....	
UH10	AMODO	318	FL340	039	494	36	78.2 / 9.6	05	00.44
				P04	313/022	471 3970	N4825.2 E00258.8/.....	
UM729	COHPA	285	FL340	023	494	5	78.1 / 9.7	00	00.44
				P04	312/021	474 3964	N4826.7 E00251.1/.....	
UM729	RESMI	285	FL340	023	493	27	77.7 / 10.1	04	00.48
				P04	303/016	477 3937	N4834.1 E00211.5/.....	
UN491	TABOV	281	FL340	028	493	22	77.3 / 10.5	03	00.51
				P04	289/014	478 3915	N4838.7 E00138.9/.....	
UN491	PIGOP	281	FL340	028	493	13	77.1 / 10.7	01	00.52
				P04	279/013	479 3903	N4841.2 E00120.3/.....	
UN491	DITAL	280	FL340	028	493	18	76.8 / 11.0	03	00.55
				P04	263/013	480 3884	N4844.7 E00053.4/.....	
UN491	LGL	280	FL340	028	112.70	493 14	76.6 / 11.2	01	00.56
	LAIGLE			P04	251/013	481 3870	N4847.4 E00031.8/.....	
	LFRB	285	FL340	028		8	76.5 / 11.3	01	00.57
				P03	286/023	3862	N4849.5 E00020.5/.....	
UN502	ARGED	285	FL340	030	493	24	76.1 / 11.7	03	01.00
				P04	233/016	482 3838	N4855.8 W00015.0/.....	
UN502	SENLO	284	FL340	030	493	38	75.5 / 12.3	05	01.05
				P03	226/016	483 3800	N4905.0 W00110.7/.....	
UN502	JSY	284	FL340	021	112.20	493 35	74.9 / 12.8	04	01.09
	JERSEY			P04	224/018	483 3765	N4913.3 W00202.8/.....	
DCT	LIZAD	285	FL340	019	494	92	73.5 / 14.3	12	01.21
-EGTT				P04	232/023	479 3673	N4935.4 W00419.8/.....	
N160	NAKID	304	FL340	010	493	14	73.3 / 14.5	02	01.23
				P04	230/024	485 3659	N4942.9 W00437.4/.....	

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N160	LND	304	*DES	024 114.20	47	73.0 / 14.8	05	01.28
	LANDS END			P08 222/024	3613	N5008.2 W00538.2/.....	
DCT	*TOD	302	FL240	024	473 2	73.0 / 14.8	01	01.29
				P09 222/025	468 3611	N5009.1 W00540.7/.....	
DCT	INSUN	302	*CLB	024	29	72.5 / 15.3	03	01.32
				P09 225/029	3582	N5023.7 W00619.4/.....	
	EINN	302	FL260	013	17	72.0 / 15.8	03	01.35
				P07 235/035	3565	N5032.5 W00643.1/.....	
M142	LESLU	302	FL260	021	486 56	71.1 / 16.7	07	01.42
-EISN				P07 224/036	476 3509	N5100.0 W00800.0/.....	
DCT	*BDRY	315	FL260	049	483 290	66.1 / 21.7	36	02.18
-EGGX				P03 252/030	467 3218	N5406.2 W01406.0/.....	

----- 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	VENER	313	*CLB	010	40	65.4 / 22.4	05	02.23
				P03 265/030	3179	N5430.0 W01500.0/.....	

----- ETOPS ENTRY (EINN) 0009 NM BEFORE 5520N EET 02:45 -----

DCT	5520N	286	FL360	010	487 176	62.1 / 25.7	23	02.46
	55N020W			P02 000/036	481 3003	N5500.0 W02000.0/.....	
	*ETP 1	282	FL360	010	486 166	59.6 / 28.2	21	03.07
	EINN/BIKF			P02 000/041	483 2836	N5506.2 W02450.2/.....	
DCT	5530N	281	FL360	010	487 178	57.1 / 30.7	21	03.28
-CZQX	55N030W			P03 011/019	493 2658	N5500.0 W03000.0/.....	
DCT	5540N	287	FL360	010	495 344	52.1 / 35.7	43	04.11
	55N040W			P09 275/019	478 2314	N5500.0 W04000.0/.....	
	*ETP 2	272	FL360	010	495 4	52.0 / 35.7	00	04.11
	BIKF/CYYR			P09 274/020	478 2309	N5458.9 W04007.5/.....	

----- ETOPS EXIT (CYYR) 0034 NM BEFORE 5350N EET 04:54 -----

DCT	5350N	266	FL360	010	498 368	46.7 / 41.1	47	04.58
	53N050W			P11 211/012	486 1941	N5300.0 W05000.0/.....	
DCT	RIKAL	267	FL360	010	496 181	44.2 / 43.6	22	05.20
				P10 249/006	490 1760	N5148.0 W05432.0/.....	
DCT	*BDRY	268	FL360	038	494 162	41.9 / 45.9	20	05.40
-CZUL				P08 287/009	488 1597	N5045.0 W05830.8/.....	

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DCT -CZQM	*BDRY	264	FL360	056	260	371	36.7 / 51.1	47	06.27
				P06	275/037	245 1227	N4753.0 W06654.4/.....	
	KBOS	256	FL360	046		9	36.6 / 51.2	01	06.28
				P05	261/041	1218	N4748.5 W06705.5/.....	
DCT	QUBIS	256	FL360	046	495	33	36.1 / 51.7	04	06.32
				P06	270/040	462 1186	N4732.0 W06746.0/.....	
DCT -KZBW	*BDRY	241	FL360	046	495	20	35.8 / 52.0	03	06.35
				P06	270/041	465 1165	N4717.2 W06806.9/.....	
DCT	ALB ALBANY	240	FL360	086	115.30	498 364	30.4 / 57.4	47	07.22
				P08	251/058	448 801	N4244.8 W07348.2/.....	
J49	HNK HANCOCK	252	FL360	063	116.80	499 79	29.2 / 58.6	11	07.33
				P08	248/054	445 722	N4203.8 W07519.0/.....	
J49 -KZNY	*BDRY	254	FL360	047	499	5	29.2 / 58.6	01	07.34
				P08	247/055	445 717	N4201.3 W07525.1/.....	
J49	BUFFY	253	FL360	051	499	10	29.0 / 58.8	01	07.35
				P08	247/055	444 707	N4156.5 W07536.8/.....	
J49	DARBO	253	FL360	051	499	17	28.7 / 59.0	03	07.38
				P08	245/055	444 690	N4148.0 W07557.1/.....	
J49	DGRAF	253	FL360	051	499	14	28.5 / 59.3	01	07.39
				P08	244/056	444 676	N4141.2 W07613.4/.....	
	KPIT	252	FL360	050		7	28.4 / 59.4	01	07.40
				P07	238/060	669	N4137.8 W07621.4/.....	
J49	MAGIO	252	FL360	050	499	12	28.2 / 59.5	02	07.42
				P08	242/057	443 656	N4131.7 W07635.8/.....	
J49	BIGEO	252	FL360	050	499	43	27.6 / 60.2	06	07.48
				P07	239/059	439 613	N4110.0 W07725.8/.....	
J49	PSB PHILIPSBURG	251	FL360	050	115.50	499 30	27.1 / 60.7	04	07.52
				P07	237/059	439 583	N4055.0 W07759.6/.....	
Q71 -KZOB	*BDRY	240	FL360	055	499	7	27.0 / 60.8	01	07.53
				P08	236/059	440 576	N4050.3 W07806.7/.....	
Q71	PSYKO	240	FL360	055	499	63	26.1 / 61.7	09	08.02
				P07	230/063	437 513	N4008.6 W07909.2/.....	
Q71	EMNEM	239	FL360	071	499	57	25.2 / 62.6	07	08.09
				P07	227/068	432 456	N3931.5 W08004.5/.....	
Q71 -KZID	*BDRY	238	FL360	052	500	30	24.7 / 63.0	05	08.14
				P08	225/069	431 426	N3911.7 W08033.2/.....	
Q71	GEFFS	237	FL360	052	500	16	24.5 / 63.3	02	08.16
				P08	224/070	431 410	N3900.8 W08048.8/.....	
DCT	HVQ	237	FL360	072	117.40	500 60	23.6 / 64.2	08	08.24

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	CHARLESTON			P08 221/073 428 350 N3821.0 W08146.2/.....
DCT	HLRRY	207 FL360 070	501 81	22.3 / 65.5 12 08.36
		P09 222/073 432 269	N3704.5 W08219.2/.....	
ONDRE1	*BDRY	212 FL360 086	501 12	22.1 / 65.6 01 08.37
-KZTL		P09 222/073 431 258	N3654.0 W08225.2/.....	
	KATL	212 FL360 086	21	21.8 / 66.0 03 08.40
		P08 227/074	237	N3634.9 W08235.9/.....
ONDRE1	ADEIN	211 FL360 086	501 22	21.5 / 66.3 03 08.43
		P09 222/071 432 215	N3615.0 W08247.0/.....	
ONDRE1	PUPDG	212 FL360 090	501 32	21.0 / 66.8 04 08.47
		P09 222/068 434 183	N3546.5 W08303.7/.....	
ONDRE1	ALADY	212 FL360 089	501 22	20.7 / 67.1 04 08.51
		P09 223/066 435 161	N3526.2 W08315.4/.....	
ONDRE1	WEALL	211 FL360 089	501 24	20.3 / 67.5 03 08.54
		P09 223/064 437 136	N3504.3 W08327.8/.....	
ONDRE1	KNOWW	212 FL360 089	501 29	19.9 / 67.9 04 08.58
		P09 222/063 440 107	N3438.0 W08342.9/.....	
ONDRE1	STRWY	211 *DES 078	20	19.8 / 68.0 03 09.01
		P12 230/049	87	N3419.8 W08353.3/.....
ONDRE1	ONDRE	214 *DES 078	9	19.8 / 68.0 01 09.02
		P12 234/040	78	N3411.7 W08358.4/.....
ONDRE1	SMELY	213 *DES 078	13	19.7 / 68.1 02 09.04
		P13 235/032	65	N3400.0 W08405.8/.....
ONDRE1	GAASS	216 *DES 046	18	19.7 / 68.1 03 09.07
		P12 232/025	46	N3344.0 W08416.8/.....
ONDRE1	KLOWD	276 *DES 046	8	19.6 / 68.2 02 09.09
		P11 232/023	39	N3344.0 W08426.1/.....
ONDRE1	KUNFU	276 *DES 046	7	19.6 / 68.2 01 09.10
		P11 231/021	32	N3344.0 W08433.9/.....
ONDRE1	TRAPE	275 *DES 046	8	19.5 / 68.3 02 09.12
		P10 232/019	25	N3344.0 W08443.0/.....
ONDRE1	SNEVE	275 *DES 046	5	19.5 / 68.3 01 09.13
		P10 235/017	20	N3343.9 W08449.0/.....
ONDRE1	KATL/08L	110 1026 046	20	19.1 / 68.7 07 09.20
	HARTSFIELD - JACKSON			N3339.0 W08426.3/.....

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WIND INFORMATION - OBS 11/SEP 06:00

(CLIMB)		NIVIN		CHABY		TABOV
FL330 320/048 -45	FL380 311/038 -58	FL380 305/028 -58	FL380 284/019 -58			
FL260 320/039 -29	FL360 315/037 -53	FL360 310/026 -54	FL360 286/017 -54			
FL190 324/033 -13	FL340 320/035 -48	FL340 316/024 -49	FL340 290/014 -48			
FL130 321/016 -2	FL320 320/034 -43	FL320 313/023 -44	FL320 284/014 -44			
6000 311/003 +11	FL300 320/032 -38	FL300 310/022 -38	FL300 279/014 -38			

SENLO		LIZAD		LESLU		5520N
FL380 243/021 -58	FL380 232/031 -59	FL300 216/042 -39	FL400 346/027 -54			
FL360 236/019 -54	FL360 232/027 -54	FL280 220/039 -35	FL380 352/032 -54			
FL340 226/017 -49	FL340 232/024 -48	FL260 224/036 -30	FL360 001/037 -54			
FL320 227/017 -44	FL320 229/023 -44	FL240 231/033 -24	FL340 008/043 -53			
FL300 228/017 -39	FL300 225/023 -38	FL220 233/030 -20	FL320 006/041 -48			

5530N		5540N		5350N		RIKAL
FL400 353/023 -56	FL400 279/025 -52	FL400 227/023 -51	FL400 226/021 -52			
FL380 006/021 -56	FL380 279/023 -50	FL380 224/021 -48	FL380 231/017 -49			
FL360 012/020 -54	FL360 276/020 -47	FL360 211/013 -45	FL360 249/006 -47			
FL340 019/020 -52	FL340 271/016 -44	FL340 168/007 -43	FL340 014/007 -44			
FL320 013/018 -47	FL320 280/011 -41	FL320 076/006 -40	FL320 023/013 -41			

QUBIS		ALB		DARBO		PSB
FL400 272/046 -56	FL400 251/058 -55	FL400 243/058 -56	FL400 234/063 -56			
FL380 275/045 -54	FL380 252/061 -52	FL380 244/059 -52	FL380 235/066 -53			
FL360 271/041 -51	FL360 252/058 -48	FL360 246/055 -48	FL360 238/059 -49			
FL340 265/036 -47	FL340 251/055 -44	FL340 247/051 -44	FL340 241/053 -45			
FL320 269/031 -42	FL320 250/051 -39	FL320 247/046 -39	FL320 237/045 -40			

EMNEM		HVQ		(DESCENT)
FL400 226/068 -55	FL400 221/068 -55	FL350 217/070 -44		
FL380 226/073 -52	FL380 220/074 -52	FL280 218/056 -29		
FL360 227/068 -49	FL360 222/073 -48	FL210 229/036 -14		
FL340 229/063 -45	FL340 223/072 -44	14000 227/028 -1		
FL320 226/055 -40	FL320 220/063 -40	7000 215/015 +11		

END FLIGHTPLAN 01263 TCC316A PJTGC LIMC-KATL 11SEP2022

TCC316A LIMC-KATL (11-Sep-2022) #2

[ATC FLIGHTPLAN]

(FPL-TCC316A-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-LIMC1810

-N0494F340 AOSTA DCT ORSUD UM729 DJL UH10 AMODO UM729 RESMI

UN491 LGL UN502 JSY DCT LIZAD N160 LND DCT INSUN/N0486F260 M142

LESLU DCT VENER/M084F360 DCT 55N020W 55N030W 55N040W 53N050W DCT

RIKAL DCT QUBIS DCT ALB J49 PSB Q71 GEFES DCT HVQ DCT HLRRY

ONDRE1

-KATL0920 KMEM

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/220911 REG/PJTGC

EET/LIMM0007 LSAC0013 LFFF0017 LSAC0019 LFFF0022 EGTT0121

EISN0142 EGGX0218 VENER0223 55N020W0246 CZQX0328 55N040W0411

53N050W0458 CZUL0540 CZQM0627 KZBW0635 KZNY0734 KZOB0753

KZID0814 KZTL0837

SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/C

RALT/EINN BIKF CYR

RMK/TCAS

-E/1217)

TCC316A LIMC-KATL (11-Sep-2022) #2**[PLANNING WEATHER]****ORIGIN: LIMC/MXP (MALPENSA, ITALY)****UTC +02:00**

LIMC 111420Z 22009KT CAVOK 28/09 Q1015 NOSIG

LIMC 111100Z 1112/1218 25010KT 9999 FEW040

BECMG 1117/1119 VRB05KT

BECMG 1209/1211 22010KT

BECMG 1216/1218 VRB05KT

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

KATL 111419Z 18005KT 9SM -RA BKN008 BKN016 OVC032 23/22 A3012 RMK A02

RAB12 P0000 T02330217

KATL 111345Z 1114/1218 15004KT P6SM BKN005

FM111700 19005KT P6SM BKN015

FM111900 20006KT P6SM VCSH SCT030

TEMPO 1120/1124 -SHRA OVC015

FM120200 20004KT P6SM BKN150

FM120500 22004KT P6SM SCT005 BKN012

FM120900 26004KT 5SM BR BKN004

FM121600 30007KT P6SM BKN012

ALTERNATE: KMEM/MEM (MEMPHIS INTL, UNITED STATES)**UTC -05:00**

KMEM 111409Z 27005KT 10SM SCT006 BKN012 BKN021 24/21 A3003 RMK A02

T02440211

KMEM 111131Z 1112/1218 20003KT P6SM SCT005 OVC020

FM111600 31005KT P6SM OVC025

FM112100 31009KT P6SM VCSH SCT060

FM120600 35004KT P6SM SKC

EDTO AIRPORT: CYR/YR (GOOSE BAY, CANADA)**UTC -03:00**

CYR 111400Z 12003KT 15SM SKC 22/14 A3004 RMK SLP173

CYR 111140Z 1112/1212 VRB03KT P6SM FEW080 FEW250

FM111400 06005KT P6SM SCT050

FM112000 06008KT P6SM SCT060

TEMPO 1120/1201 P6SM VCSH BKN040

FM120100 VRB03KT P6SM SCT020 BKN040

FM120500 VRB03KT P6SM BKN025 BKN040

RMK NXT FCST BY 111800Z

EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)**UTC +00:00**

BIKF 111430Z 36025KT 9999 FEW012 10/06 Q1012

BIKF 111318Z 1115/1215 01023KT 9999 FEW028 TX12/1115Z TN06/1206Z

BECMG 1116/1118 34013KT

BECMG 1200/1202 VRB03KT

BECMG 1208/1210 21013KT -DZ BKN015 OVC022

TCC316A LIMC-KATL (11-Sep-2022) #2

EDTO AIRPORT: EINN/SNN (SHANNON INTL, IRELAND)

UTC +01:00

EINN 111430Z 20010KT 9999 VCSH FEW018 FEW020CB BKN024 21/18 Q1008 NOSIG
EINN 111100Z 1112/1212 14007KT 9999 FEW012 BKN030
BECMG 1112/1114 18010KT
PROB30 TEMPO 1112/1114 4000 -RA BKN009
BECMG 1118/1120 VRB03KT
TEMPO 1122/1205 3000 -RA BR BKN005
BECMG 1204/1206 BKN012
TEMPO 1208/1212 5000 -RA BKN007
BECMG 1210/1212 01010KT

ADEQUATE: LFPG/CDG (CHARLES-DE-GAULLE, FRANCE)

UTC +02:00

LFPG 111430Z 17005KT 140V200 9999 FEW040 SCT260 23/12 Q1018 NOSIG
LFPG 111100Z 1112/1218 13006KT 9999 FEW025 TX27/1215Z TN14/1206Z

ADEQUATE: LFRB/BES (BRETAGNE, FRANCE)

UTC +02:00

LFRB 111430Z AUTO 14010KT 9999 BKN030 BKN035 25/18 Q1014 NOSIG
LFRB 111100Z 1112/1218 17010KT 9999 SCT015
BECMG 1117/1119 VRB03KT
BECMG 1202/1205 11010KT

ADEQUATE: KBOS/BOS (LOGAN INTL, UNITED STATES)

UTC -04:00

KBOS 111354Z 33003KT 10SM FEW150 BKN180 26/15 A3012 RMK A02 SLP199
T02560150
KBOS 111122Z 1112/1218 28004KT P6SM BKN150
FM111800 26006KT P6SM OVC120
FM121000 24006KT P6SM OVC070
FM121400 23005KT P6SM OVC050

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

UTC -04:00

KPIT 111426Z 20007KT 10SM BKN005 OVC012 19/18 A3005 RMK A02 T01940183
KPIT 111129Z 1112/1218 15005KT P6SM OVC009
TEMPO 1112/1114 5SM -RA BR BKN004
FM111800 16005KT P6SM VCSH OVC015
FM112300 16003KT P6SM VCSH BKN035
FM120400 16003KT 6SM -SHRA BKN025
FM120700 18004KT 5SM -SHRA OVC009
FM121600 20007KT P6SM -SHRA VCTS OVC020CB

TCC316A LIMC-KATL (11-Sep-2022) #2

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 340/390 INCLUSIVE
SEP 11/1130Z TO SEP 11/1900Z
PART ONE OF TWO PARTS-

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

B ETARI 5630/20 5730/30 5730/40 5530/50 KODIK
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

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

D 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-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 340/390 INCLUSIVE
SEP 11/1130Z TO SEP 11/1900Z
PART TWO OF TWO PARTS-

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

REMARKS.

1. TMI IS 254 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
TRACK A
TRACK B
TRACK C
TRACK D
TRACK E
END OF PBCS OTS
4. FOR STRATEGIC LATERAL OFFSET AND CONTINGENCY PROCEDURES FOR OPS IN

TCC316A LIMC-KATL (11-Sep-2022) #2

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

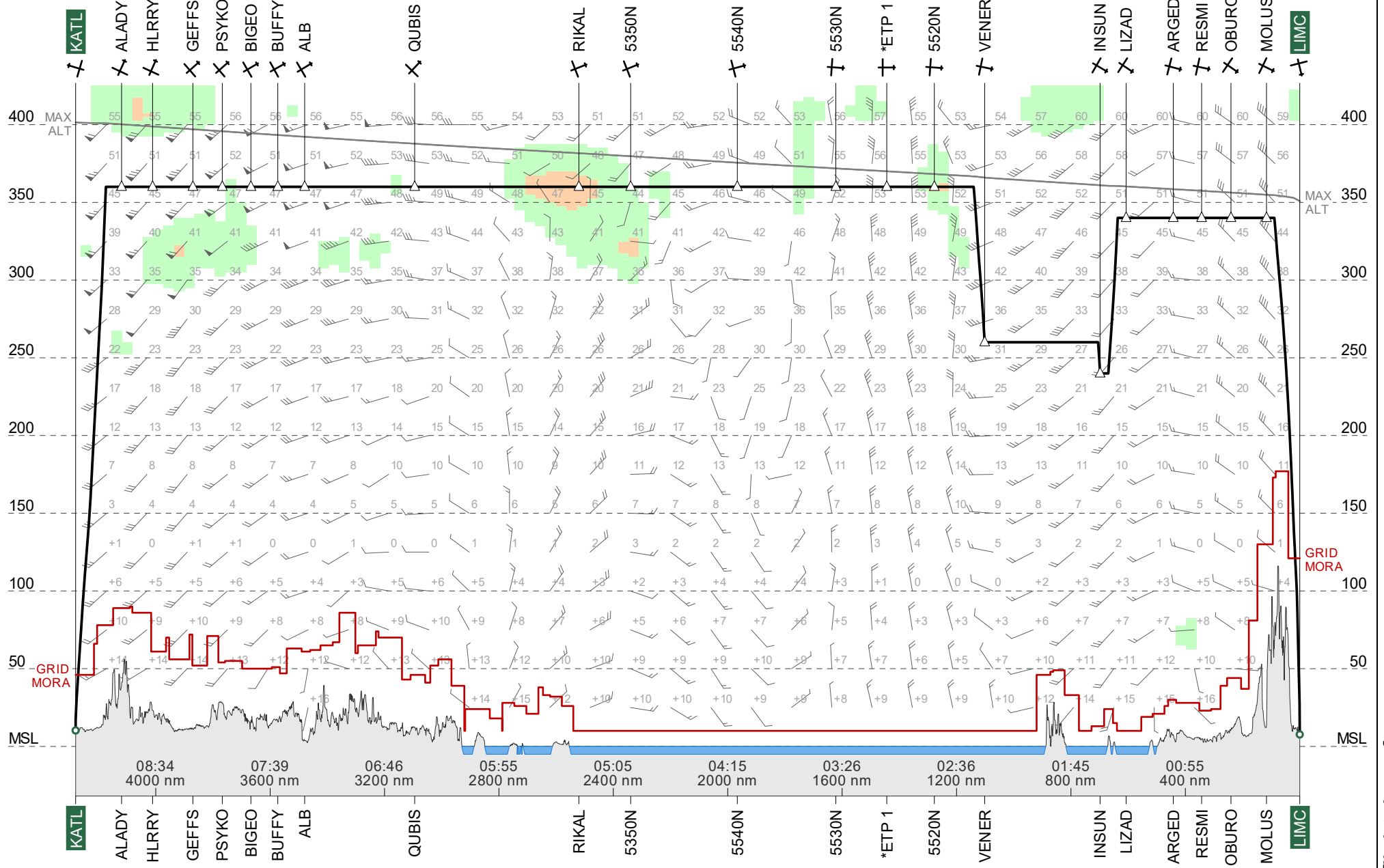
AND 25 MINUTES PRIOR TO OCA ENTRY.-

END OF PART TWO OF TWO PARTS)

TR316A #2

KATL ← — LIMC

ETD 11 Sep 18:10z
PJTGC B77L

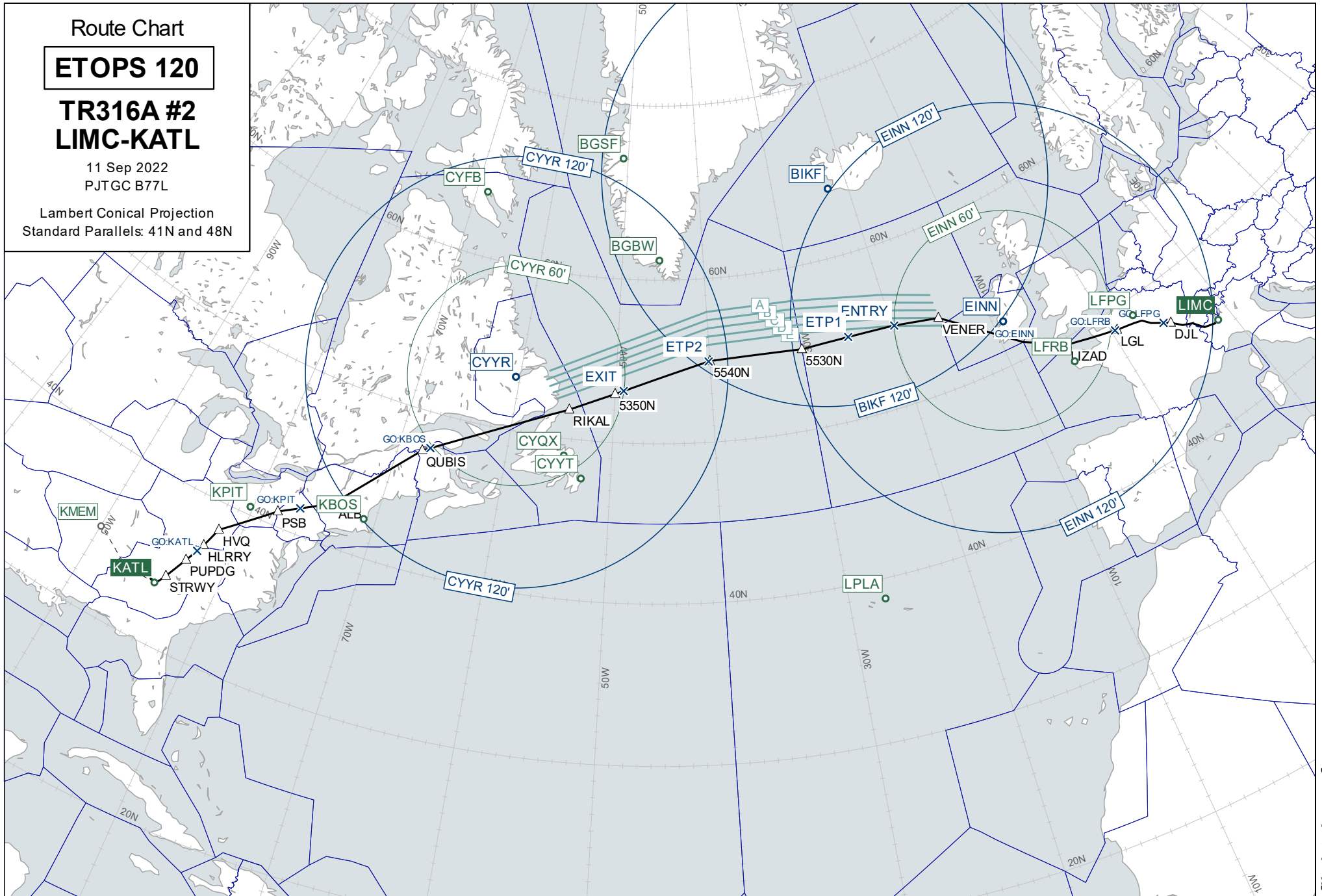


Route Chart

ETOPS 120
TR316A #2
LIMC-KATL

11 Sep 2022
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 41N and 48N



Wind Chart

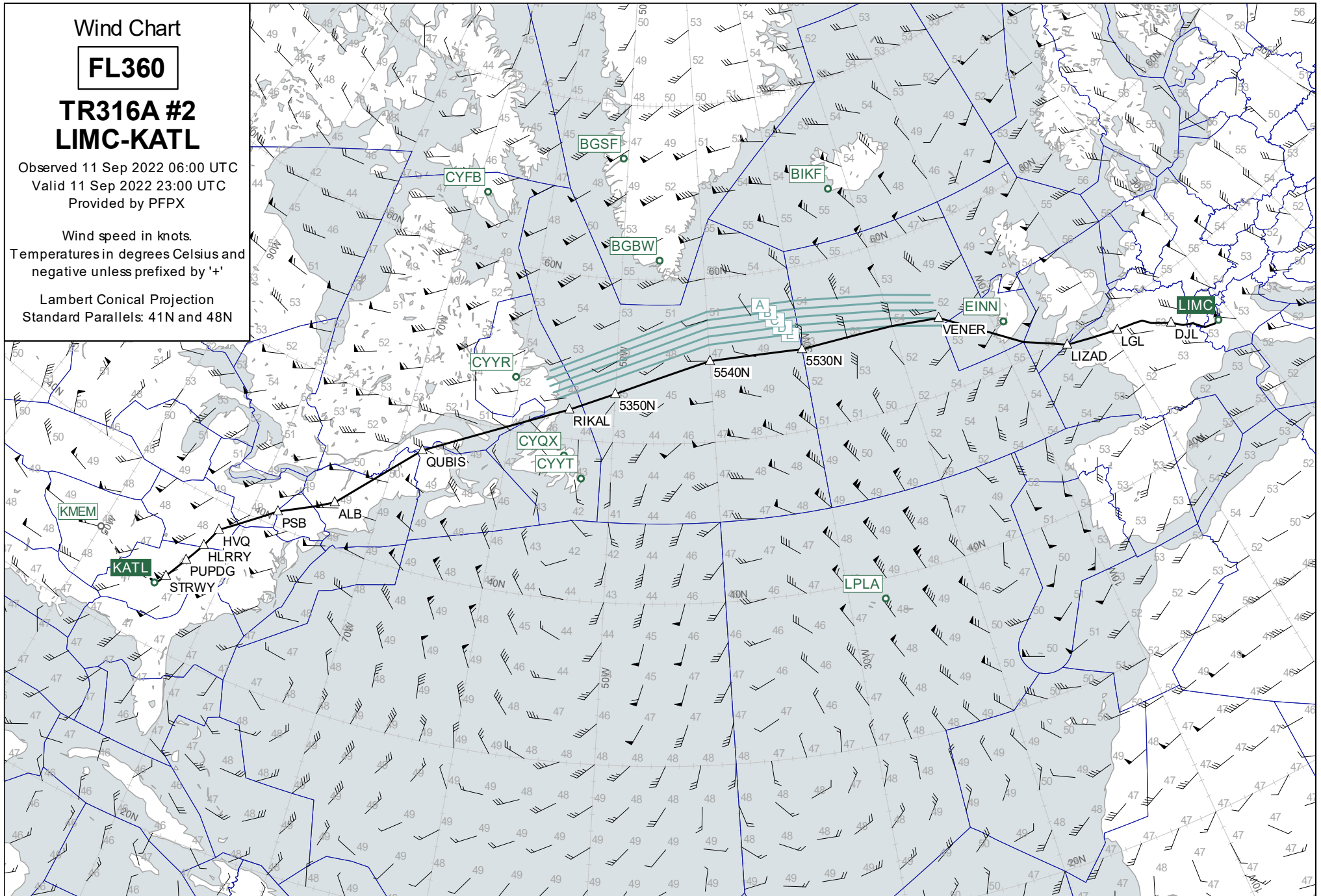
FL360

TR316A #2 LIMC-KATL

Observed 11 Sep 2022 06:00 UTC
Valid 11 Sep 2022 23:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 41N and 48N



Wind Chart

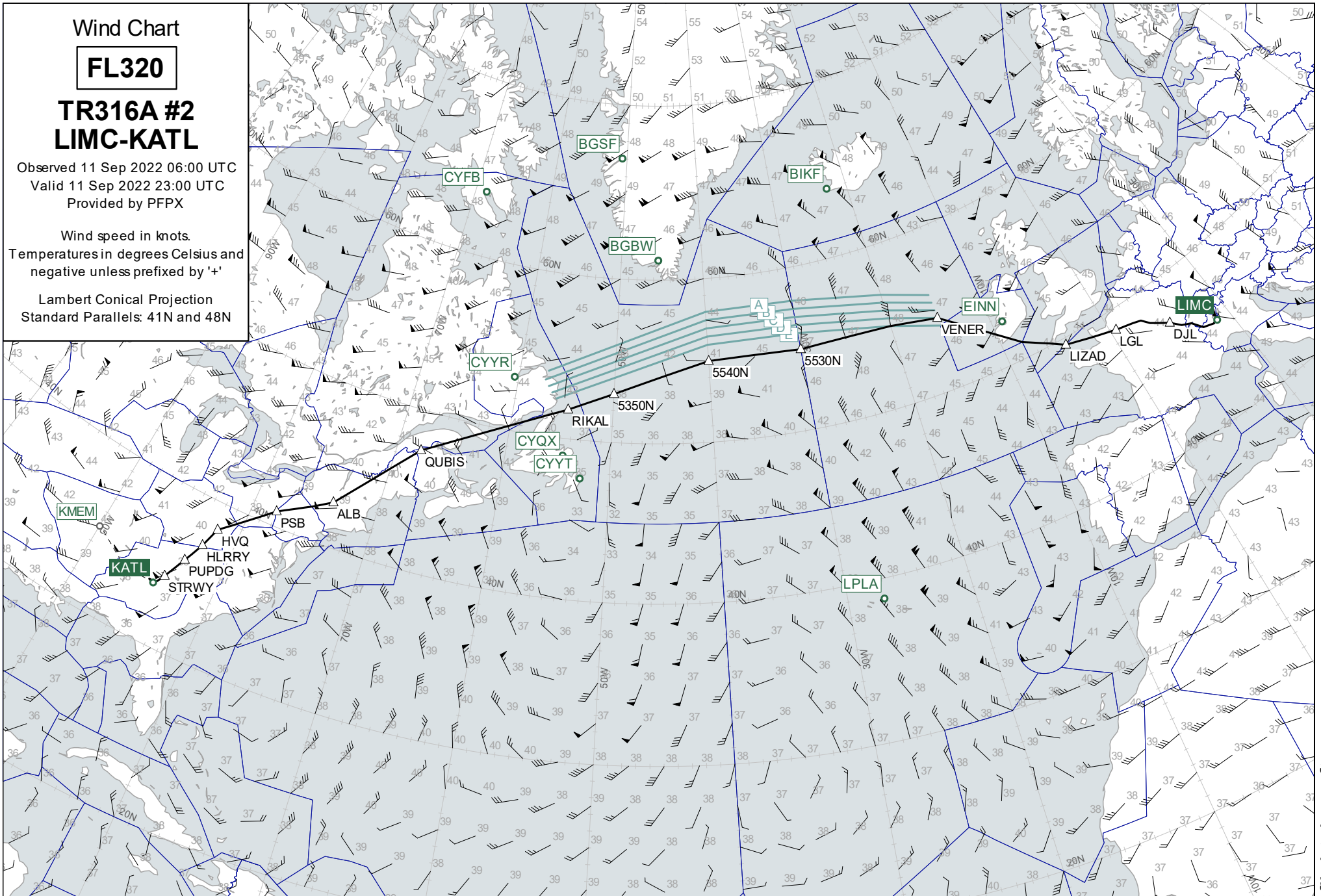
FL320

TR316A #2 LIMC-KATL

Observed 11 Sep 2022 06:00 UTC
Valid 11 Sep 2022 23:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 41N and 48N



Wind Chart

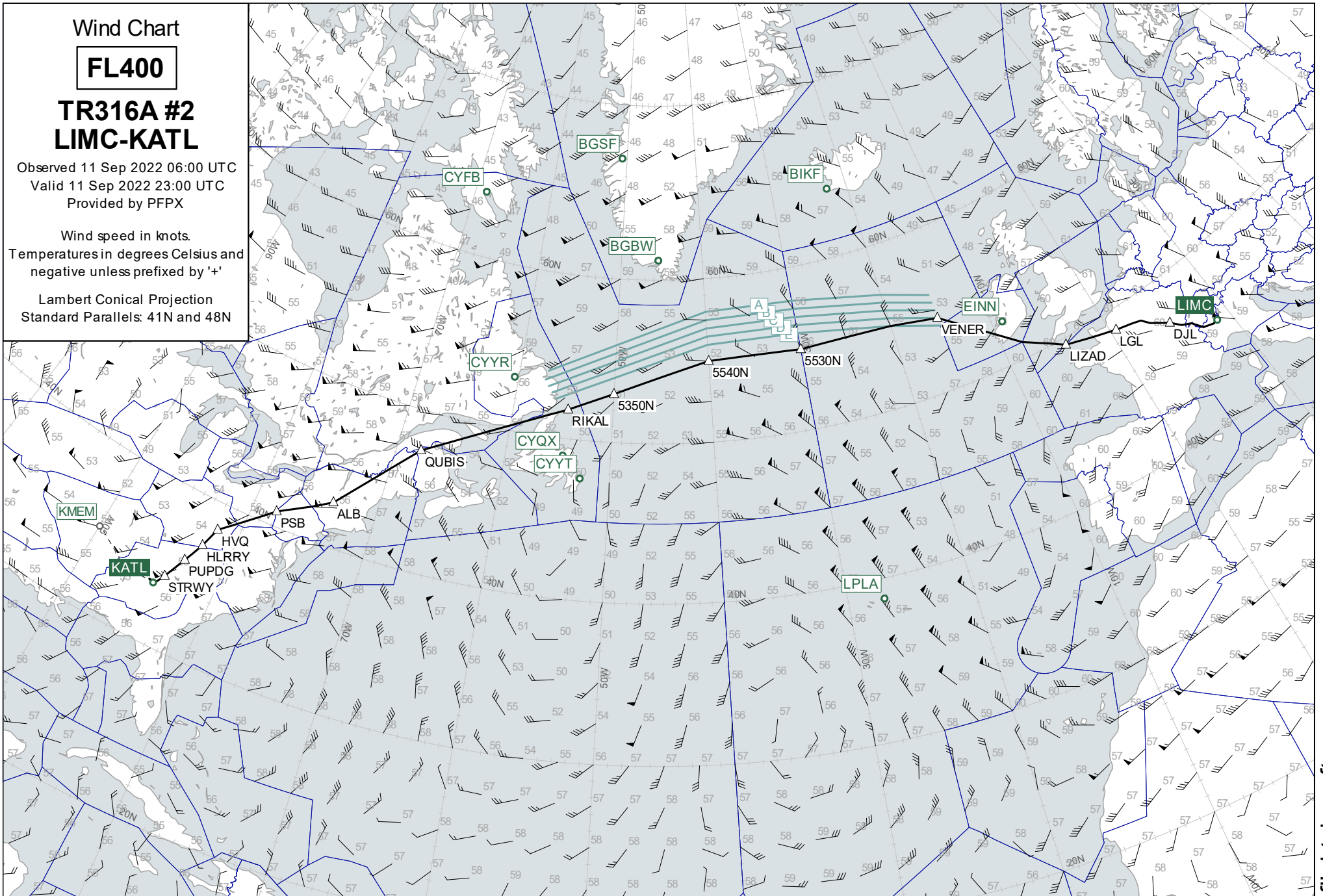
FL400

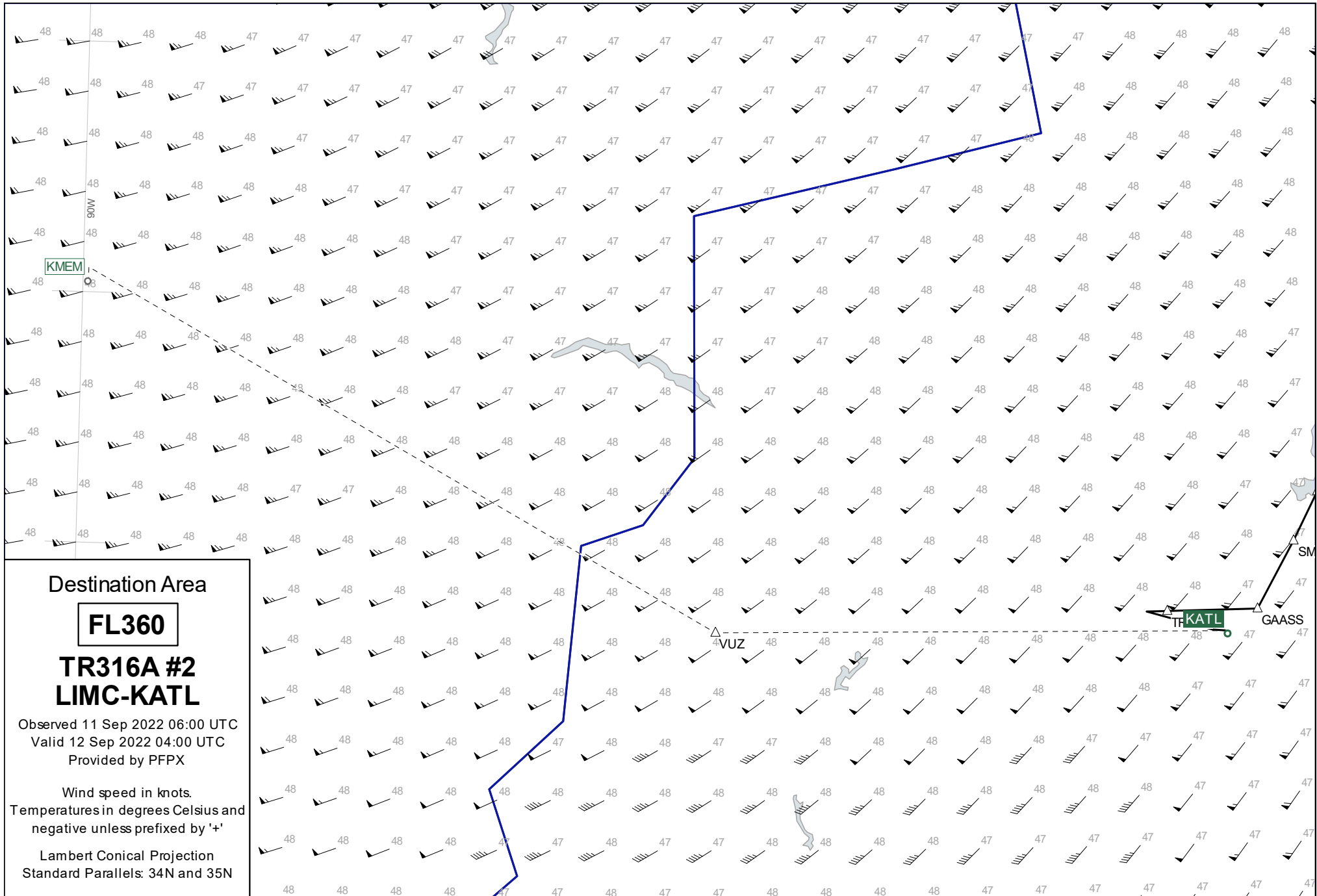
**TR316A #2
LIMC-KATL**

Observed 11 Sep 2022 06:00 UTC
Valid 11 Sep 2022 23:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 41N and 48N





Destination Area

FL360

**TR316A #2
LIMC-KATL**

Observed 11 Sep 2022 06:00 UTC
Valid 12 Sep 2022 04:00 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

TR316A #2 LIMC-KATL

11 Sep 2022
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 51N and 53N

