



Tradewind VA



Flight Briefing Package

TCC316D 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 1453 UTC

TCC316D LIMC-KATL (11-Sep-2022) #2

TRADEWIND PACIFIC FLIGHTPLAN - IFR TCC316D FOHGH LIMC-KATL

 ALL WEIGHTS IN KILOGRAMS (KG) STD 11SEP/1825Z

OPF 2 - PREPARED 11SEP/1453Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR316D/TCC316D FOHGH/B777-300ER SEL/AGAH 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: FL320 TTL F/P DIST: 4280 NM
 FUEL BIAS: 102.5% TTL AIR DIST: 4502 NM
 AVG WIND CMP: HD024 KT

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

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM		ZFW	TOW	LDW
STANDARD	167541	341	0	33759	30597 LDW	MAX	237682	351534	251290
						PLN	201300	293073	220693
						ACT	.....	.....	.....

	FUEL	CORR	ENDUR	
TRIP	72380	.....	09:19	
CONT 5%	3619	.....	00:36	
ALTN KMEM	6068	.....	00:53	
FINAL RESV	3035	.....	00:30	
HOLD	4027	.....	00:40	
ADD FUEL	1134	.....	00:10	
MIN T/O	90263	.....	12:07	.....
EXTRA	1510	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	510	.....	00:15	
RELEASE	92283	.....	12:37	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	19053	.....	02:53	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145524 KG / MAX EXTRA FUEL 32107 KG LIM BY LDW
 TRIP CORR FOR 5000 KG TOW INCR: +1041 KG / 5000 KG TOW DECR: -991 KG
 2000 FT LOWER: +1268 KG / EET 09:11 CLB: 250/310/.84 DES: .84/280/250

LIMC	STD 18:25Z/20:25L	ETD 18:25Z	ACT OFBL	EST T/O 18:40Z	ACT T/O
KATL	STA 05:10Z/01:10L	ETA 04:09Z	ACT ONBL	EST LDG 03:59Z	ACT LDG
	SKD 10:45	PLN 09:44	TTL BLCK	EST FLT 09:19	TTL FLT

***** 180 MIN ETOPS CRITICAL FUEL SUMMARY *****

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (EINN)	48 NM BEFORE 5520N	N54 53.1 W018 37.8	EET 02:39
ETOPS EXIT (CYR)	172 NM BEFORE RIKAL	N52 56.6 W050 14.4	EET 04:56
ETOPS ENTRY (CYR)	87 NM BEFORE QUBIS	N48 16.2 W065 55.2	EET 06:16
ETOPS EXIT (CYR)	33 NM BEFORE QUBIS	N47 49.1 W067 04.1	EET 06:23

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

EINN (22:02-23:15)
 BIKF (22:56-00:49)
 CYR (00:21-02:14)

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ONE ENGINE OUT DECOMP ETP 1 FOR EINN/BIKF N55 06.1 W024 19.6 EET 03:03
 .84/280/250 DESC TO FL100 CRUISE AT .84 195 NM BEFORE 5530N
 PLN FUEL OVER ETP 63175 ETP FUEL REQ 14489 DIV TIME 01:32
 ETP TO EINN (N52 42.1 W008 55.5) DIST 563 NM WC TL006 TT 098
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 537 NM WC HD011 TT 005
 *** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 1 FOR EINN/BIKF N55 06.1 W024 19.6 EET 03:03
 .84/280/250 DESC TO FL100 CRUISE AT LRC 195 NM BEFORE 5530N
 PLN FUEL OVER ETP 63175 ETP FUEL REQ 14015 DIV TIME 01:32
 ETP TO EINN (N52 42.1 W008 55.5) DIST 563 NM WC TL006 TT 098
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 537 NM WC HD011 TT 005
 *** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 1 FOR EINN/BIKF N55 06.2 W024 58.1 EET 03:05
 .84/310/250 DESC TO FL350 CRUISE AT .84 173 NM BEFORE 5530N
 PLN FUEL OVER ETP 62819 ETP FUEL REQ 12681 DIV TIME 01:11
 ETP TO EINN (N52 42.1 W008 55.5) DIST 585 NM WC TL010 TT 098
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 539 NM WC HD029 TT 007
 *** FUEL DUMP REQUIRED ***

ONE ENGINE OUT DECOMP ETP 2 FOR BIKF/CYYR N54 58.9 W040 07.5 EET 04:09
 .84/280/250 DESC TO FL100 CRUISE AT .84 368 NM BEFORE 5350N
 PLN FUEL OVER ETP 54549 ETP FUEL REQ 18041 DIV TIME 02:00
 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 04:09
 .84/280/250 DESC TO FL100 CRUISE AT LRC 368 NM BEFORE 5350N
 PLN FUEL OVER ETP 54549 ETP FUEL REQ 17447 DIV TIME 02:00
 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 54.7 W040 34.5 EET 04:11
 .84/310/250 DESC TO FL350 CRUISE AT .84 352 NM BEFORE 5350N
 PLN FUEL OVER ETP 54293 ETP FUEL REQ 15035 DIV TIME 01:30
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 769 NM WC TL024 TT 038
 ETP TO CYYR (N53 19.2 W060 25.6) DIST 704 NM WC HD022 TT 270

ATC ROUTE: N0502F320 DOGU6T AOSTA DCT ORSUD UM729 DJL UH10 AMODO UM729 RESMI
 UN491 LGL UN502 JSY DCT LIZAD N160 LND DCT INSUN/N0493F340 M142
 LESLU DCT VENER DCT 55N020W 55N030W 55N040W 53N050W DCT
 RIKAL/N0494F360 DCT QUBIS DCT ALB J49 PSB Q71 GEFES DCT HVQ DCT
 HLRRY ONDRE1

ALTERNATE PLANNING

 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KMEM/18L 304 FL360 051 HD032 00:53 6068 - VUZ

MOST CRITICAL MORA 17700 FT AT MC519

 AWY WAYPOINT MT ALT MSA FREQ TAS LEG FUEL REM / USED LEG ACC
 -FIR NAME ISA WND/SPD GS REM POSITION ETO / ATO

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-LIMM	LIMC/35R MALPENSA		768	121				91.8 / 0.5				4280	N4537.0	E00844.3/.....
DOGU6T	MC604	352	*CLB	121				90.3 / 2.0	03	00.03					
			P08	307/002								4274	N4542.5	E00843.6/.....
DOGU6T	MC613	271	*CLB	121				89.9 / 2.4	01	00.04					
			P08	326/007								4269	N4542.9	E00836.2/.....
DOGU6T	DOGUB	235	*CLB	121				89.7 / 2.6	01	00.05					
			P08	326/010								4265	N4540.8	E00831.4/.....
DOGU6T	NELAB	235	*CLB	121				89.3 / 2.9	00	00.05					
			P08	325/017								4260	N4537.7	E00824.4/.....
DOGU6T	MC501	227	*CLB	121				89.1 / 3.2	01	00.06					
			P09	324/022								4255	N4534.5	E00818.9/.....
DOGU6T	MC502	286	*CLB	121				88.9 / 3.4	01	00.07					
			P09	324/025								4251	N4535.5	E00814.7/.....
DOGU6T	*BDRY	286	*CLB	121				88.5 / 3.8	01	00.08					
			P09	323/032								4243	N4538.0	E00803.7/.....
DOGU6T	MC519	285	*CLB	177				88.2 / 4.1	01	00.09					
			P09	321/033								4237	N4540.1	E00754.9/.....
DOGU6T	AOSTA	285	*CLB	177				87.2 / 5.1	04	00.13					
			P07	318/038								4212	N4547.8	E00720.8/.....
DCT -LSAC	*BDRY	322	*CLB	177				86.9 / 5.4	01	00.14					
			P07	318/039								4204	N4554.0	E00714.4/.....
DCT -LSAS	ORSUD	322	*CLB	177				86.8 / 5.5	01	00.15					
			P07	319/039								4200	N4557.5	E00710.9/.....
UM729 -LSAC	*TOC	322	FL320	177	503	13		86.4 / 5.9	01	00.16					
			P05	320/039	463	4187									
UM729 -LFFF	*BDRY	322	FL320	173	502	11		86.2 / 6.1	01	00.17					
			P05	321/040	463	4176									
UM729 -LSAC	MOLUS	322	FL320	130	502	12		86.0 / 6.3	02	00.19					
			P05	321/039	462	4164									
UM729 -LFFF	*BDRY	294	FL320	130	502	24		85.5 / 6.8	03	00.22					
			P05	321/036	466	4140									
UM729	NIVIN	293	FL320	130	502	14		85.3 / 7.0	02	00.24					
			P05	320/033	470	4127									
UM729	UNKIR	314	FL320	081	502	8		85.1 / 7.2	01	00.25					
			P05	319/032	469	4118									
UM729	DJL DIJON LONGVIC	315	FL320	081	111.45	502	38	84.4 / 7.8	05	00.30					
			P05	317/029	471	4081									

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	LFPG	302	FL320	044		26	84.0 / 8.3	03	00.33
				P04	265/016	4054	N4731.1 E00433.5/.....	
UH10	OBURO	302	FL320	044		501 14	83.7 / 8.6	02	00.35
				P05	314/024	476 4040	N4739.1 E00415.9/.....	
UH10	CHABY	303	FL320	044		501 15	83.4 / 8.9	02	00.37
				P05	312/022	477 4024	N4747.8 E00356.9/.....	
UH10	OKRIX	302	FL320	039		501 18	83.1 / 9.2	02	00.39
				P05	311/021	478 4006	N4758.0 E00334.1/.....	
UH10	AMODO	318	FL320	039		501 36	82.4 / 9.8	05	00.44
				P05	308/019	481 3970	N4825.2 E00258.8/.....	
UM729	COHPA	285	FL320	023		501 5	82.3 / 9.9	00	00.44
				P05	306/019	482 3964	N4826.7 E00251.1/.....	
UM729	RESMI	285	FL320	023		501 27	81.9 / 10.4	04	00.48
				P05	297/015	485 3937	N4834.1 E00211.5/.....	
UN491	TABOV	281	FL320	028		501 22	81.5 / 10.8	02	00.50
				P05	284/014	485 3915	N4838.7 E00138.9/.....	
UN491	PIGOP	281	FL320	028		501 13	81.3 / 11.0	02	00.52
				P05	274/014	486 3903	N4841.2 E00120.3/.....	
UN491	DITAL	280	FL320	028		501 18	80.9 / 11.3	02	00.54
				P05	261/014	487 3884	N4844.7 E00053.4/.....	
UN491	LGL LAIGLE	280	FL320	028	112.70	501 14	80.7 / 11.6	02	00.56
				P05	253/015	487 3870	N4847.4 E00031.8/.....	
UN502	ARGED	285	FL320	030		500 32	80.1 / 12.2	04	01.00
				P05	237/016	489 3838	N4855.8 W00015.0/.....	
UN502	SENLO	284	FL320	030		500 38	79.5 / 12.8	05	01.05
				P04	228/017	490 3800	N4905.0 W00110.7/.....	
UN502	JSY JERSEY	284	FL320	021	112.20	500 35	78.9 / 13.4	04	01.09
				P05	225/019	490 3765	N4913.3 W00202.8/.....	
	LFRB	285	FL320	019		30	78.3 / 13.9	03	01.12
				P05	252/026	3735	N4920.8 W00247.2/.....	
DCT -EGTT	LIZAD	285	FL320	019		501 62	77.3 / 15.0	08	01.20
				P05	228/023	487 3673	N4935.4 W00419.8/.....	
N160	NAKID	304	FL320	010		500 14	77.0 / 15.2	02	01.22
				P05	227/023	494 3659	N4942.9 W00437.4/.....	
N160	LND LANDS END	304	*DES	024	114.20	47	76.7 / 15.6	06	01.28
				P08	222/024	3613	N5008.2 W00538.2/.....	
DCT	*TOD	302	FL240	024		475 2	76.7 / 15.6	00	01.28
				P09	222/025	470 3611	N5009.2 W00540.9/.....	
DCT	INSUN	302	*CLB	024		29	76.1 / 16.2	04	01.32

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P09 225/029 3582 N5023.7 W00619.4/.....

M142 **LESLU** 302 FL340 021 493 73 74.1 / 18.1 09 01.41
 -EISN P02 225/041 479 3509 N5100.0 W00800.0/.....

EINN 315 FL340 033 4 74.1 / 18.2 01 01.42
 P03 240/048 3504 N5103.0 W00805.3/.....

DCT ***BDRY** 315 FL340 049 493 286 69.2 / 23.0 35 02.17
 -EGGX P02 246/038 475 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 FL340 010 493 40 68.6 / 23.7 05 02.22
 P01 255/038 469 3179 N5430.0 W01500.0/.....

----- ETOPS ENTRY (EINN) 0048 NM BEFORE 5520N EET 02:39 -----

DCT **5520N** 287 FL340 010 490 176 65.6 / 26.7 22 02.44
 55N020W M01 008/042 490 3003 N5500.0 W02000.0/.....

***ETP 1** 282 FL340 010 490 149 63.2 / 29.1 19 03.03
 EINN/BIKF M00 359/040 487 2854 N5506.1 W02419.6/.....

DCT **5530N** 281 FL340 010 492 196 60.0 / 32.2 24 03.27
 -CZQX 55N030W P01 019/019 498 2658 N5500.0 W03000.0/.....

DCT **5540N** 287 FL340 010 501 344 54.6 / 37.7 41 04.08
 55N040W P08 269/017 486 2314 N5500.0 W04000.0/.....

***ETP 2** 272 FL340 010 501 4 54.5 / 37.7 01 04.09
 BIKF/CYYR P08 268/017 486 2309 N5458.9 W04007.5/.....

DCT **5350N** 272 FL340 010 501 368 48.7 / 43.6 45 04.54
 53N050W P09 170/007 495 1941 N5300.0 W05000.0/.....

----- ETOPS EXIT (CYYR) 0172 NM BEFORE RIKAL EET 04:56 -----

DCT **RIKAL** 267 *CLB 010 181 46.0 / 46.3 22 05.16
 P08 013/007 1760 N5148.0 W05432.0/.....

DCT ***BDRY** 268 FL360 038 495 162 43.5 / 48.8 20 05.36
 -CZUL P08 288/009 489 1597 N5045.0 W05830.8/.....

----- ETOPS ENTRY (CYYR) 0087 NM BEFORE QUBIS EET 06:16 -----

DCT ***BDRY** 257 FL360 056 494 371 37.8 / 54.4 46 06.22
 -CZQM P06 275/037 465 1226 N4752.9 W06654.4/.....

----- ETOPS EXIT (KBOS) 0033 NM BEFORE QUBIS EET 06:23 -----

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DCT	QUBIS	256	FL360	046	494	41	37.2 / 55.1	06	06.28
				P06	270/040	460 1186	N4732.0 W06746.0/.....	
DCT	*BDRY	241	FL360	046	494	20	36.9 / 55.4	02	06.30
-KZBW				P06	270/041	464 1165	N4717.2 W06806.9/.....	
DCT	ALB	240	FL360	086	115.30	497 364	31.2 / 61.1	48	07.18
	ALBANY			P08	251/058	446 801	N4244.8 W07348.2/.....	
J49	HNK	252	FL360	063	116.80	497 79	29.9 / 62.3	11	07.29
	HANCOCK			P08	248/054	443 722	N4203.8 W07519.0/.....	
J49	*BDRY	254	FL360	047	497	5	29.9 / 62.4	01	07.30
-KZNY				P08	248/054	443 717	N4201.3 W07525.1/.....	
J49	BUFFY	253	FL360	051	497	10	29.7 / 62.6	01	07.31
				P08	247/054	443 707	N4156.5 W07536.8/.....	
J49	DARBO	253	FL360	051	497	17	29.4 / 62.9	03	07.34
				P08	246/055	443 690	N4148.0 W07557.1/.....	
J49	DGRAF	253	FL360	051	497	14	29.2 / 63.1	01	07.35
				P08	244/056	442 676	N4141.2 W07613.4/.....	
	KPIT	252	FL360	050		7	29.1 / 63.2	01	07.36
				P07	238/060	669	N4137.8 W07621.4/.....	
J49	MAGIO	252	FL360	050	497	12	28.9 / 63.4	02	07.38
				P08	243/057	441 656	N4131.7 W07635.8/.....	
J49	BIGEO	252	FL360	050	497	43	28.2 / 64.1	06	07.44
				P07	239/059	438 613	N4110.0 W07725.8/.....	
J49	PSB	251	FL360	050	115.50	497 30	27.7 / 64.5	04	07.48
	PHILIPSBURG			P07	237/059	438 583	N4055.0 W07759.6/.....	
Q71	*BDRY	240	FL360	055	497	7	27.6 / 64.7	01	07.49
-KZOB				P08	236/059	438 576	N4050.3 W07806.7/.....	
Q71	PSYKO	240	FL360	055	497	63	26.6 / 65.7	09	07.58
				P07	230/063	435 513	N4008.6 W07909.2/.....	
Q71	EMNEM	239	FL360	071	498	57	25.7 / 66.6	08	08.06
				P07	227/067	430 456	N3931.5 W08004.5/.....	
Q71	*BDRY	238	FL360	052	498	30	25.2 / 67.1	04	08.10
-KZID				P08	225/069	430 426	N3911.7 W08033.2/.....	
Q71	GEFFS	237	FL360	052	498	16	25.0 / 67.3	02	08.12
				P08	225/070	429 410	N3900.8 W08048.8/.....	
DCT	HVQ	237	FL360	072	117.40	498 60	24.0 / 68.3	08	08.20
	CHARLESTON			P08	222/073	426 350	N3821.0 W08146.2/.....	
DCT	HLRRY	207	FL360	070	499	81	22.7 / 69.6	12	08.32
				P09	222/073	431 269	N3704.5 W08219.2/.....	
ONDRE1	*BDRY	212	FL360	086	499	12	22.5 / 69.8	01	08.33

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-KZTL			P09	222/073	430	258	N3654.0	W08225.2/.....
	KATL	212	FL360	086		21	22.2 /	70.1	03 08.36
			P08	227/075		237	N3634.9	W08235.9/.....
ONDRE1	ADEIN	211	FL360	086	499	22	21.8 /	70.5	03 08.39
			P09	223/071	431	215	N3615.0	W08247.0/.....
ONDRE1	PUPDG	212	FL360	090	499	32	21.3 /	71.0	05 08.44
			P09	223/068	433	183	N3546.5	W08303.7/.....
ONDRE1	ALADY	212	FL360	089	499	22	20.9 /	71.3	03 08.47
			P09	223/066	434	161	N3526.2	W08315.4/.....
ONDRE1	WEALL	211	FL360	089	499	24	20.6 /	71.7	03 08.50
			P09	223/064	436	136	N3504.3	W08327.8/.....
ONDRE1	KNOWW	212	*DES	089		29	20.2 /	72.1	04 08.54
			P10	222/063		107	N3438.0	W08342.9/.....
ONDRE1	STRWY	211	*DES	078		20	20.1 /	72.1	03 08.57
			P12	230/048		87	N3419.8	W08353.3/.....
ONDRE1	ONDRE	214	*DES	078		9	20.1 /	72.2	02 08.59
			P12	234/040		78	N3411.7	W08358.4/.....
ONDRE1	SMELY	213	*DES	078		13	20.1 /	72.2	02 09.01
			P13	236/033		65	N3400.0	W08405.8/.....
ONDRE1	GAASS	216	*DES	046		18	20.0 /	72.3	04 09.05
			P12	233/026		46	N3344.0	W08416.8/.....
ONDRE1	KLOWD	276	*DES	046		8	19.9 /	72.4	01 09.06
			P11	232/024		39	N3344.0	W08426.1/.....
ONDRE1	KUNFU	276	*DES	046		7	19.9 /	72.4	02 09.08
			P11	231/022		32	N3344.0	W08433.9/.....
ONDRE1	TRAPE	275	*DES	046		8	19.8 /	72.5	02 09.10
			P10	232/019		25	N3344.0	W08443.0/.....
ONDRE1	SNEVE	275	*DES	046		5	19.8 /	72.5	01 09.11
			P10	235/017		20	N3343.9	W08449.0/.....
ONDRE1	KATL/08L	110	1026	046		20	19.4 /	72.9	08 09.19
	HARTSFIELD - JACKSON						N3339.0	W08426.3/.....

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WIND INFORMATION - OBS 11/SEP 06:00

(CLIMB)		NIVIN		CHABY		TABOV
FL310 319/044 -40	FL360 315/036 -53	FL360 309/026 -54	FL360 286/017 -54			
FL240 321/036 -23	FL340 320/035 -48	FL340 315/024 -49	FL340 289/014 -48			
FL180 324/031 -11	FL320 320/033 -43	FL320 312/023 -44	FL320 284/014 -44			
FL120 319/012 -1	FL300 320/032 -38	FL300 310/022 -38	FL300 279/014 -38			
6000 310/003 +11	FL280 318/032 -33	FL280 309/022 -34	FL280 281/015 -34			

SENLO	LIZAD	LESLU	VENER
FL360 237/019 -54	FL360 232/028 -54	FL380 233/047 -60	FL380 261/029 -53
FL340 228/017 -49	FL340 232/024 -48	FL360 230/045 -55	FL360 258/034 -52
FL320 228/017 -44	FL320 229/023 -44	FL340 225/042 -50	FL340 255/039 -51
FL300 229/017 -39	FL300 225/023 -38	FL320 221/042 -45	FL320 255/037 -47
FL280 234/018 -34	FL280 226/024 -34	FL300 216/042 -39	FL300 254/036 -42

5520N	5530N	5540N	5350N
FL380 353/032 -54	FL380 004/020 -56	FL380 278/024 -50	FL380 224/021 -48
FL360 001/037 -54	FL360 011/020 -54	FL360 275/020 -47	FL360 211/013 -45
FL340 008/043 -53	FL340 019/019 -51	FL340 270/017 -44	FL340 170/007 -43
FL320 006/042 -48	FL320 013/017 -47	FL320 278/012 -41	FL320 078/006 -40
FL300 004/041 -43	FL300 005/016 -42	FL300 301/007 -38	FL300 047/014 -37

QUBIS	ALB	DARBO	PSB
FL400 272/046 -56	FL400 251/058 -55	FL400 243/058 -56	FL400 234/063 -56
FL380 274/045 -54	FL380 252/061 -52	FL380 245/059 -52	FL380 235/066 -52
FL360 270/041 -51	FL360 252/058 -48	FL360 246/055 -48	FL360 238/059 -49
FL340 265/036 -47	FL340 251/055 -44	FL340 248/051 -44	FL340 241/053 -45
FL320 269/031 -42	FL320 250/051 -40	FL320 247/046 -39	FL320 238/045 -40

EMNEM	HVQ	(DESCENT)
FL400 226/068 -55	FL400 221/068 -55	FL350 217/071 -44
FL380 227/073 -52	FL380 221/074 -52	FL280 218/057 -28
FL360 228/068 -49	FL360 222/073 -48	FL210 230/036 -14
FL340 229/062 -45	FL340 224/072 -44	14000 227/028 -1
FL320 226/054 -40	FL320 221/063 -40	7000 215/015 +11

END FLIGHTPLAN 01267 TCC316D FOHGH LIMC-KATL 11SEP2022

TCC316D LIMC-KATL (11-Sep-2022) #2

[ATC FLIGHTPLAN]

(FPL-TCC316D-IS

-B77W/H-SDE1FGHIJ1M1RWXY/LB2

-LIMC1825

-N0502F320 AOSTA DCT ORSUD UM729 DJL UH10 AMODO UM729 RESMI

UN491 LGL UN502 JSY DCT LIZAD N160 LND DCT INSUN/N0493F340 M142

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

RIKAL/N0494F360 DCT QUBIS DCT ALB J49 PSB Q71 GEFPS DCT HVQ DCT

HLRRY ONDRE1

-KATL0919 KMEM

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/220911 REG/FOHGH

EET/LIMM0008 LSAC0014 LFFF0017 LSAC0019 LFFF0022 EGTT0120

EISN0141 EGGX0217 55N020W0244 CZQX0327 55N040W0408 53N050W0454

CZUL0536 CZQM0622 KZBW0630 KZNY0730 KZOB0749 KZID0810 KZTL0833

SEL/AGAH CODE/3B77CD RVR/75 OPR/TRADEWIND PACIFIC

ORGN/NTAATPCP PER/D

RALT/EINN BIKF CYR

RMK/TCAS

-E/1222)

TCC316D 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

TCC316D 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

TCC316D 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

TCC316D 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

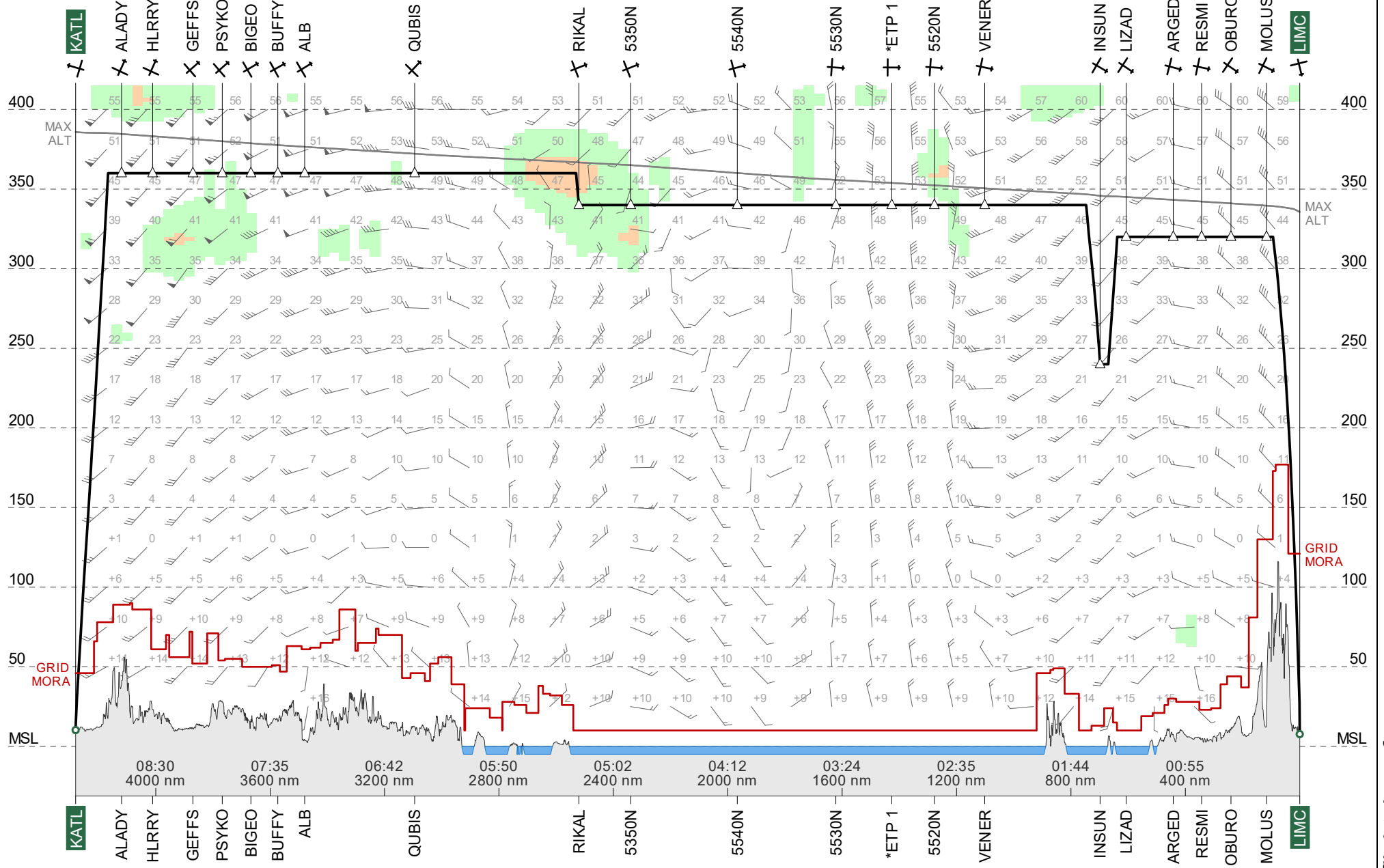
AND 25 MINUTES PRIOR TO OCA ENTRY.-

END OF PART TWO OF TWO PARTS)

TR316D #2

KATL ← LIMC

ETD 11 Sep 18:25z
FOHGH B77W



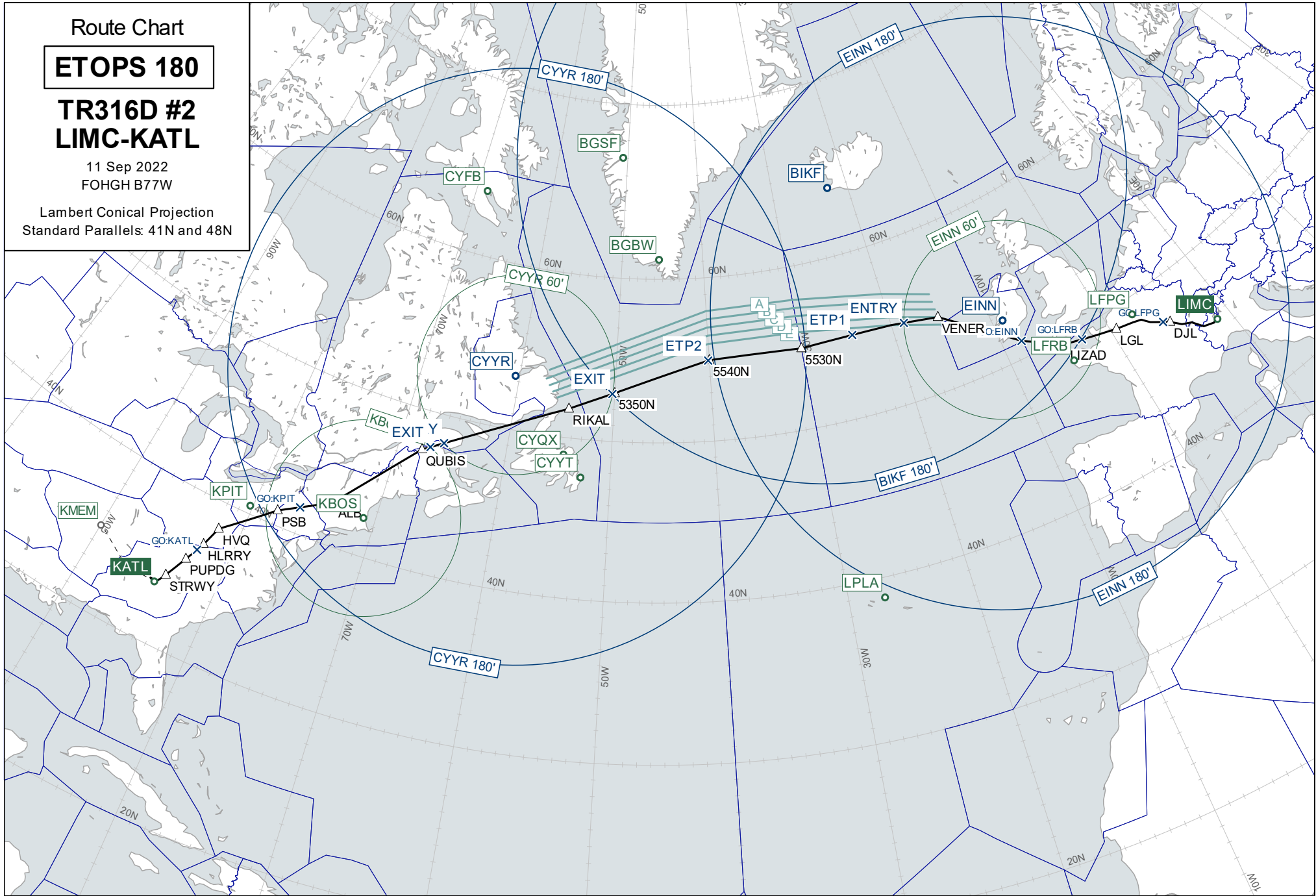
Route Chart

ETOPS 180

**TR316D #2
LIMC-KATL**

11 Sep 2022
FOHGH B77W

Lambert Conical Projection
Standard Parallels: 41N and 48N



Wind Chart

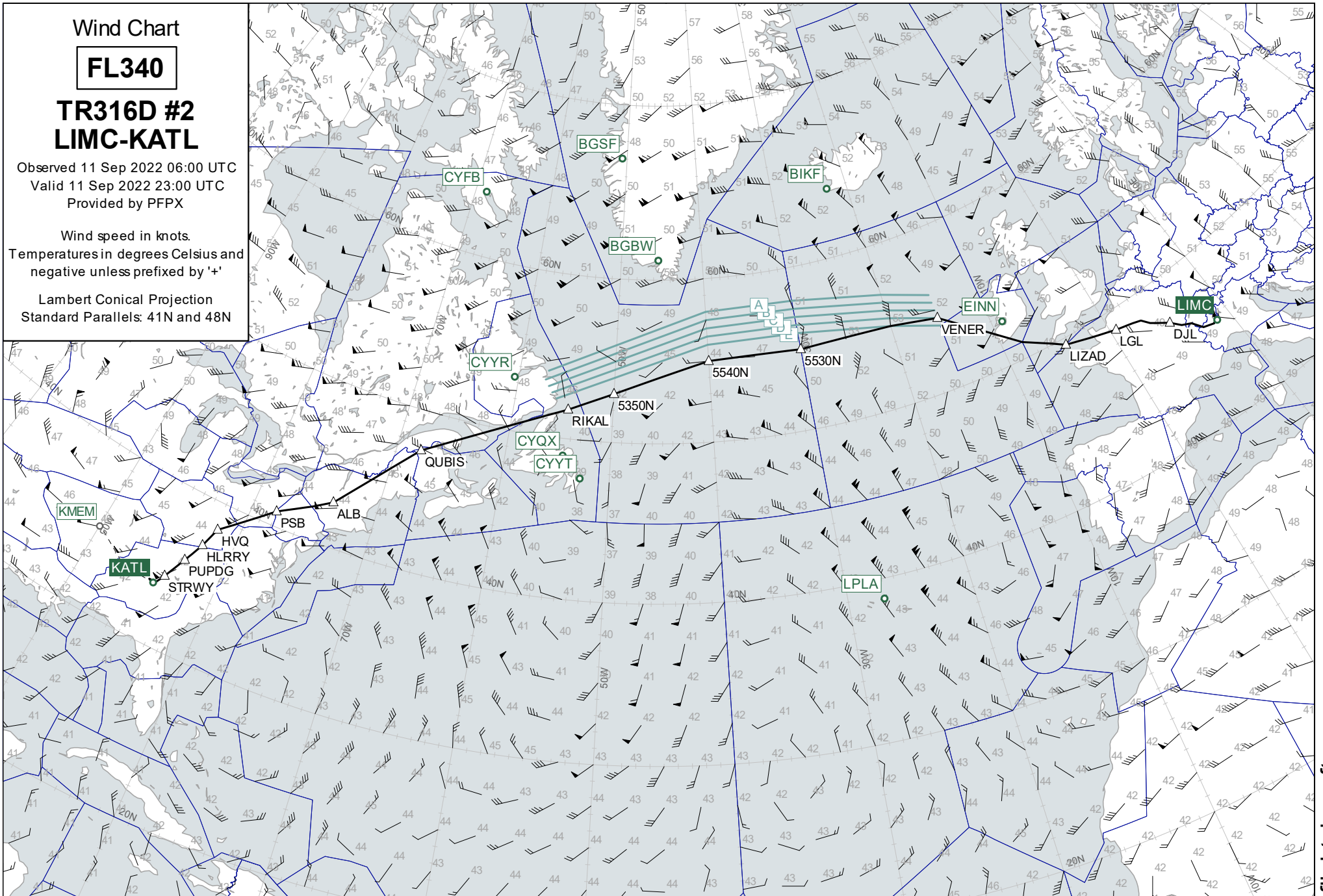
FL340

TR316D #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

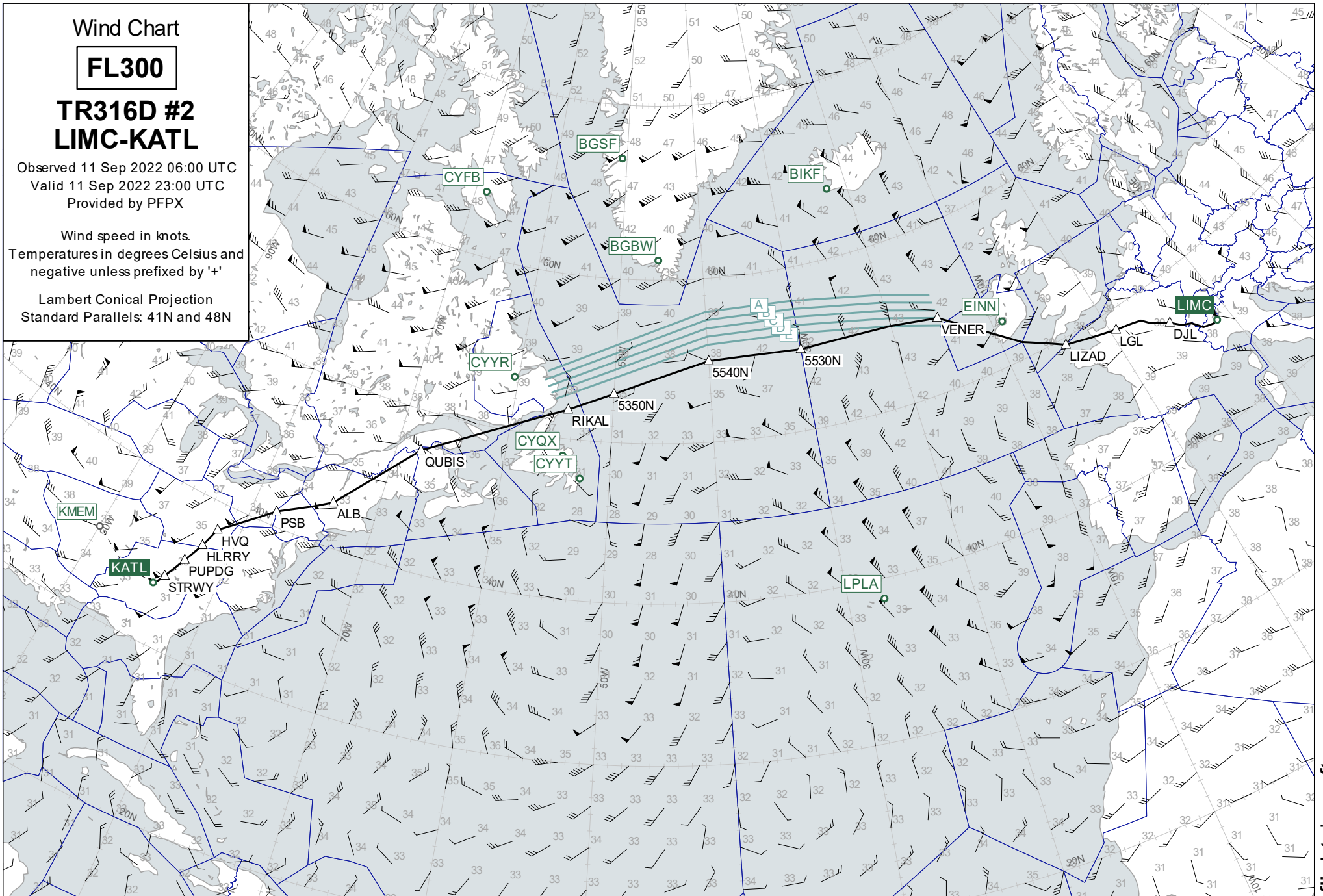
FL300

TR316D #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

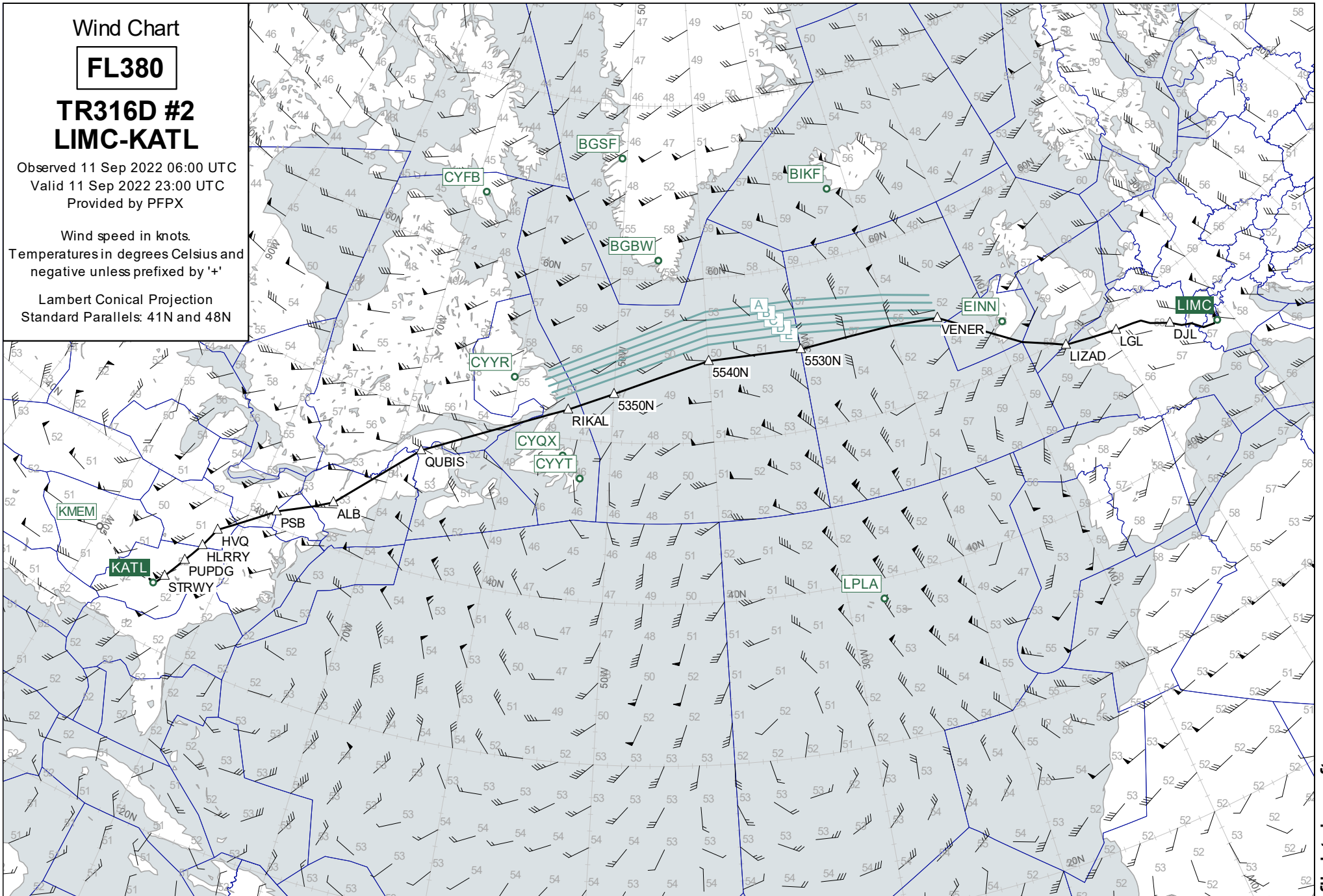
FL380

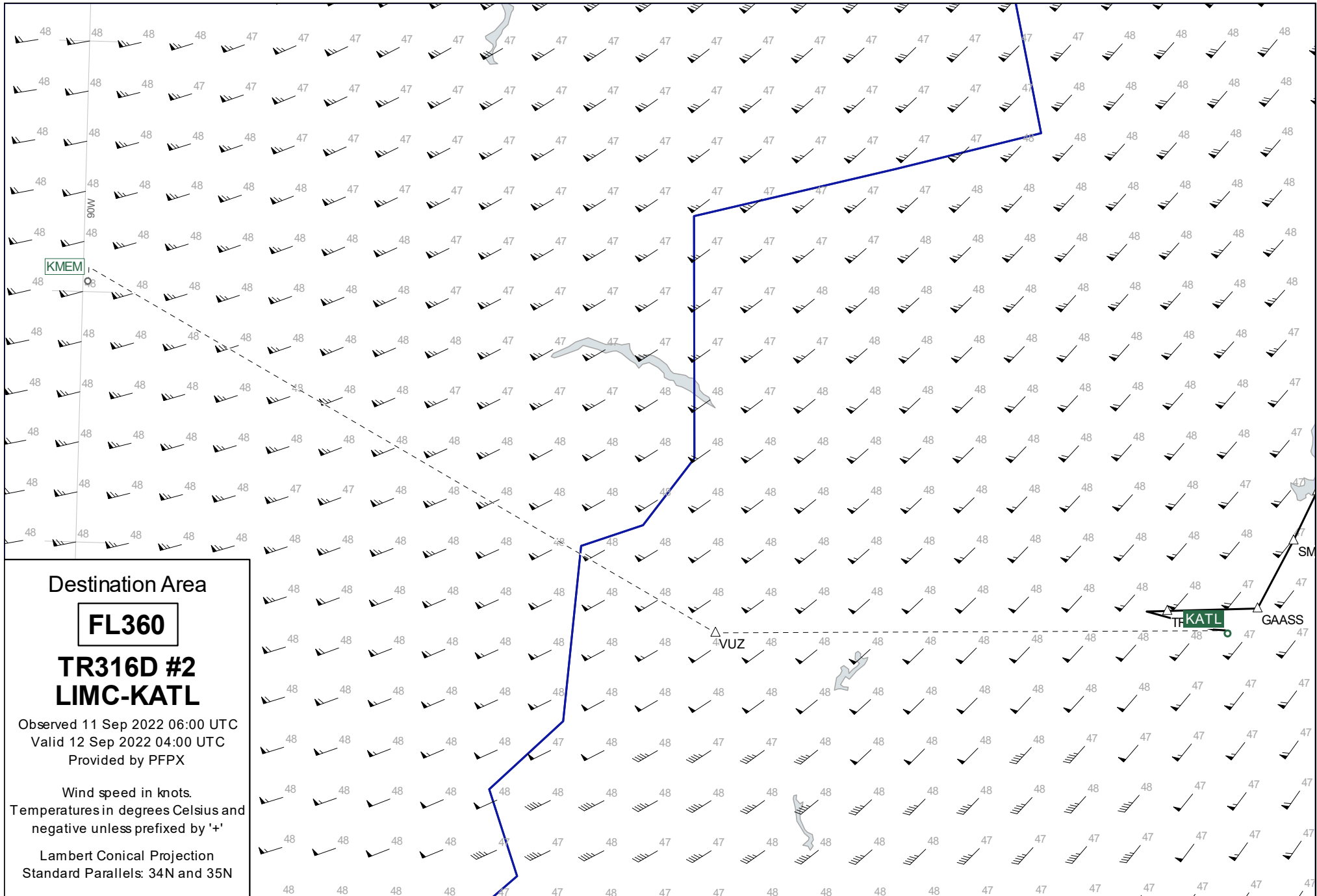
**TR316D #2
LIMC-KATL**

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

**TR316D #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

TR316D #2 LIMC-KATL

11 Sep 2022
FOHGH B77W

Lambert Conical Projection
Standard Parallels: 51N and 53N

