



Tradewind VA



Flight Briefing Package

TCC311C LHBP-KDEN

01-Aug-2021 #1

RELEASE #1

LISZT FERENC INTL
(HUNGARY)

-

DENVER INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

01 AUG 1624 UTC

TCC311C LHBP-KDEN (01-Aug-2021) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC311C PJTGE LHBP-KDEN

ALL WEIGHTS IN KILOGRAMS (KG)

STD 01AUG/1920Z

OFP 1 - PREPARED 01AUG/1624Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR311C/TCC311C PJTGE/B777-2LR GE SEL/EGAP ROUTE: LHBPKDEN01

DEP: LHBP/BUD 31R ELEV 496 FT COST INDEX: 250 TTL G/C DIST: 4779 NM
ARR: KDEN/DEN 16L ELEV 5434 FT INIT ALT: FL340 TTL F/P DIST: 4817 NM
FUEL BIAS: 102.5% TTL AIR DIST: 4785 NM
AVG WIND CMP: TL003 KT

ALT: KCOS/COS 17R ELEV 6187 FT 79 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156746	265	0	26235	12931 TOW	MAX 209106	279092	223167
						PLN 182981	266161	196114
						ACT .....	.....	.....

** TAKE-OFF DATA LHBP 31R **

COND: 266161 KG // RWY DRY // +27°C Q1004 310/14 // LMT: OBS(A)
CONFIG: FLAPS 5 // D-T01 +38C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=156 VR=158 V2=163
ENG OUT: CLIMB STRAIGHT AHEAD TO 2000FT. TURN RIGHT TO TPS (D115.90) CLIMBING
TO 5000FT AND HOLD (160/L).

	FUEL	CORR	ENDUR	
TRIP	70047	.....	09:56	
CONT 5%	3502	.....	00:35	
ALTN KCOS	1897	.....	00:16	
FINAL RESV	3005	.....	00:30	
HOLD	2007	.....	00:20	
ADD FUEL	1216	.....	00:12	
MIN T/O	81674	.....	11:49	.....
EXTRA	1506	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	84185	.....	12:19	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	12463	.....	01:58	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 14437 KG LIM BY ENRTE
TRIP CORR FOR 5000 KG TOW INCR: +970 KG / 5000 KG TOW DECR: -1067 KG
2000 FT LOWER: +637 KG / EET 09:51 CLB: 250/310/84 DES: 84/320/250

LHBP	STD 19:20Z/21:20L	ETD 19:20Z	ACT OFBL	EST T/O 19:35Z	ACT T/O
KDEN	STA 07:35Z/01:35L	ETA 05:41Z	ACT ONBL	EST LDG 05:31Z	ACT LDG
	SKD 12:15	PLN 10:21	TTL BLCK	EST FLT 09:56	TTL FLT

ATC ROUTE: N0494F340 BADO2R BADOV DCT MAVOR DCT HDO M748 BOLBO DCT GARLU DCT
ELSOB L619 DHE DCT SUTEB/N0490F360 DCT VALBO UL619 RIVOT DCT
ADN/N0466F240 UN591 STN DCT NINEX/M085F360 UP59 BALIX DCT 61N020W
62N030W 62N040W 62N050W DCT PIDSO N842A MUSLO N848A SEMTO/N0492F380
DCT GRAND DCT VBI DCT KP06C DCT SNY LANDR2

TCC311C LHBP-KDEN (01-Aug-2021) #1

ALTERNATE PLANNING

 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KCOS/17R 79 10000 163 HD006 00:16 1897 - ADANE

MOST CRITICAL MORA 12100 FT AT PHLAT

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA WIND/SPD	FREQ TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
	LHBP/31R		496	046			83.2 / 1.0			
	LISZT FERENC INTL					4817	N4725.4 E01917.6	/.....		
BAD02R	DE31R DER31R	307	*CLB	046 P10	266/021	2 4815	82.3 / 1.9 N4726.7 E01915.5	02 00.02/.....		
BAD02R	BP801	295	*CLB	046 P11	240/034	4 4811	81.9 / 2.3 N4728.7 E01910.4	01 00.03/.....		
BAD02R	BP802	315	*CLB	046 P09	226/047	14 4797	81.0 / 3.2 N4739.2 E01857.5	02 00.05/.....		
BAD02R	BP803	038	*CLB	046 P10	228/046	12 4785	80.4 / 3.7 N4748.2 E01909.9	02 00.07/.....		
BAD02R -LZBB	BADOV	308	*CLB	071 P08	226/053	19 4766	79.7 / 4.5 N4801.3 E01849.0	03 00.10/.....		
DCT	*TOC	309	FL340	071 P05	221/042	494 41 493 4725	78.4 / 5.8 N4829.7 E01803.9	05 00.15/.....		
DCT -LKAA	MAVOR	308	FL340	071 P05	221/038	494 29 493 4696	77.9 / 6.3 N4849.3 E01732.3	03 00.18/.....		
	EDDC	312	FL340	045 P03	231/057	7 4689	77.8 / 6.4 N4854.1 E01725.4	01 00.19/.....		
DCT -EDUU	HDO HERMSDORF	312	FL340	077 P04	108.65 212/058	492 170 501 4520	75.2 / 9.0 N5055.7 E01422.1	21 00.40/.....		
M748	*BDRY	315	FL340	047 P04	211/059	492 6 504 4514	75.1 / 9.1 N5100.1 E01416.1	01 00.41/.....		
M748	ESLOR	315	FL340	033 P04	211/059	492 5 506 4509	75.0 / 9.2 N5104.0 E01410.8	00 00.41/.....		
M748	REND0	315	FL340	033 P03	210/059	492 17 507 4492	74.8 / 9.4 N5116.7 E01353.1	02 00.43/.....		
M748	OSKAN	315	FL340	027 P03	211/056	491 15 507 4477	74.6 / 9.6 N5127.7 E01337.7	02 00.45/.....		
M748	OLBIK	314	FL340	027 P02	213/053	491 16 505 4461	74.3 / 9.9 N5139.8 E01320.5	02 00.47/.....		
M748	BOLBO	314	FL340	027		491 11	74.2 / 10.0	01 00.48		

TCC311C LHBP-KDEN (01-Aug-2021) #1

				P02 215/051 502 4450	N5147.7 E01309.1	/.....
DCT	GARLU	306	FL340	027 491 97	72.7 / 11.5	12 01.00
-EDVV				P02 234/025 487 4353	N5249.8 E01107.1	/.....
DCT	ELSOB	309	FL340	027 491 74	71.5 / 12.7	09 01.09
				P01 293/016 480 4279	N5339.2 E00934.8	/.....
L619	OSTOR	297	FL340	021 491 22	71.1 / 13.0	03 01.12
				P01 305/018 475 4257	N5349.8 E00903.2	/.....
L619	GOLEN	295	FL340	022 492 29	70.7 / 13.5	04 01.16
				P01 311/022 470 4228	N5403.6 E00819.3	/.....
L619	DHE	295	FL340	018 116.30 492 16	70.4 / 13.8	02 01.18
	HELGOLAND			P01 313/024 470 4212	N5411.1 E00754.7	/.....
DCT	*BDRY	298	FL340	017 106 57	69.5 / 14.7	07 01.25
-EHAA				P01 320/030 100 4155	N5439.5 E00629.9	/.....
	EGCC	297	FL340	013 2	69.5 / 14.7	00 01.25
				M00 287/023 4153	N5440.4 E00627.0	/.....
DCT	SUTEB	297	*CLB	014 41	68.8 / 15.4	06 01.31
-EKDK				P00 322/029 4112	N5500.0 E00525.1	/.....
DCT	VALBO	297	FL360	014 490 16	68.4 / 15.7	02 01.33
-EGPX				P05 318/022 468 4096	N5507.7 E00500.0	/.....
UL619	AVRAL	296	FL360	014 489 50	67.7 / 16.5	06 01.39
				P05 314/019 469 4046	N5530.6 E00343.0	/.....
UL619	CUTEL	296	FL360	012 489 51	66.9 / 17.3	06 01.45
				P05 307/017 471 3995	N5553.2 E00222.5	/.....
UL619	RIVOT	300	*DES	015 62	66.4 / 17.8	08 01.53
				P03 324/011 3933	N5624.5 E00046.6	/.....
	EGPO	300	FL240	010 44	65.6 / 18.6	06 01.59
				P01 277/011 3889	N5646.0 W00023.2	/.....
DCT	ADN	299	*CLB	036 114.30 70	64.4 / 19.8	09 02.08
	ABERDEEN			P02 278/010 3820	N5718.6 W00216.0	/.....
UN591	STN	296	*DES	055 115.10 137	62.0 / 22.2	18 02.26
	STORNOWAY			P01 309/011 3683	N5812.4 W00611.0	/.....
DCT	*TOD	295	FL240	032 466 2	62.0 / 22.2	00 02.26
				P01 308/010 455 3681	N5813.1 W00614.1	/.....
DCT	NINEX	295	*CLB	032 109	60.1 / 24.1	15 02.41
				P01 320/012 3572	N5851.3 W00930.0	/.....

----- 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	_____

TCC311C LHBP-KDEN (01-Aug-2021) #1

[] HF CHECK AT __:__Z SIGNATURE (....) _____

```

-----
UP59    BALIX    304    *CLB 010          18      59.5 / 24.7  02  02.43
-EGGX                P02 319/016      3554 N5900.0 W01000.0 ...../.....

        BIKF     301    FL360 010          198      56.1 / 28.0  25  03.08
                P05 307/036      3356 N6018.9 W01558.9 ...../.....

DCT     6120N    299    FL360 010          494 126      54.3 / 29.9  16  03.24
-BIRD   61N020W                P08 300/023 471 3231 N6100.0 W02000.0 ...../.....

DCT     6230N    297    FL360 010          494 293      49.8 / 34.4  38  04.02
        62N030W                P07 254/029 464 2938 N6200.0 W03000.0 ...../.....

DCT     *BDRY    290    FL360 010          184 110      48.2 / 36.0  14  04.16
-CZQX                P08 222/022 177 2828 N6205.2 W03354.7 ...../.....

        BGBW     289    FL360 010           6      48.1 / 36.1  01  04.17
                P10 174/012      2822 N6205.3 W03407.6 ...../.....

DCT     6240N    289    FL360 010          494 166      45.8 / 38.4  20  04.37
        62N040W                P08 171/020 495 2656 N6200.0 W04000.0 ...../.....

DCT     *BDRY    295    FL360 010          494 6      45.7 / 38.5  01  04.38
-BGGL                P09 170/020 496 2650 N6200.5 W04013.6 ...../.....

DCT     6250N    295    FL360 107          495 275      42.0 / 42.2  33  05.11
        62N050W                P10 112/027 518 2374 N6200.0 W05000.0 ...../.....

DCT     *BDRY    276    FL360 057          495 105      40.7 / 43.5  12  05.23
-CZQX                P10 099/025 517 2269 N6124.6 W05328.6 ...../.....

        CYVP     273    FL360 010          125      39.1 / 45.1  14  05.37
                P10 061/020      2144 N6035.7 W05726.4 ...../.....

DCT     PIDSO    270    FL360 010          495 18      38.8 / 45.4  02  05.39
                P10 073/025 521 2125 N6028.0 W05800.0 ...../.....

N842A   MUSLO    287    FL360 010          492 120      37.3 / 46.9  14  05.53
                P07 064/027 519 2005 N6010.0 W06200.0 ...../.....

N848A   *BDRY    276    FL360 010          492 4      37.2 / 46.9  01  05.54
-CZUL                P07 065/027 519 2001 N6008.9 W06206.8 ...../.....

N848A   SEMTO    276    *CLB 075          158      35.2 / 49.0  18  06.12
                P06 086/015      1843 N5914.0 W06700.0 ...../.....

        CYGL     272    FL380 028          286      31.4 / 52.7  35  06.47
                P09 341/017      1557 N5714.3 W07513.5 ...../.....

DCT     GRAND    260    FL380 029          492 184      29.1 / 55.1  22  07.09
-CZWG                P06 329/037 491 1374 N5542.2 W08000.0 ...../.....

        CYQT     254    FL380 025          264      25.7 / 58.5  32  07.41
                P01 342/047      1109 N5318.3 W08621.8 ...../.....

```

TCC311C LHBP-KDEN (01-Aug-2021) #1

DCT	VBI	242	FL380	031	115.20	487	369	21.1 / 63.0	44	08.25
	SIoux NARROWS			P01	346/051	510	741	N4928.6 W09402.8	/.....	
DCT	*BDRY	219	FL380	030		487	42	20.6 / 63.5	05	08.30
-KZMP				P01	342/056	516	699	N4856.0 W09442.7	/.....	
	KBIS	218	FL380	030			47	20.1 / 64.1	05	08.35
				P03	338/068		651	N4818.6 W09527.0	/.....	
DCT	KP06C	216	FL380	037		487	174	18.0 / 66.1	20	08.55
				P02	343/078	530	478	N4600.0 W09800.0	/.....	
DCT	*BDRY	215	FL380	045		487	190	15.9 / 68.3	21	09.16
-KZDV				P03	348/066	535	287	N4328.6 W10041.6	/.....	
	KDEN	211	FL380	051			24	15.6 / 68.6	03	09.19
				P03	347/060		264	N4309.5 W10100.8	/.....	
DCT	SNY	210	FL380	069	115.90	490	152	13.8 / 70.4	18	09.37
	SIDNEY			P03	322/048	505	112	N4105.8 W10259.0	/.....	
LANDR2	FONTO	220	*DES	082			30	13.7 / 70.5	04	09.41
				P12	356/032		82	N4045.1 W10327.8	/.....	
LANDR2	LIBIE	219	*DES	082			13	13.7 / 70.5	02	09.43
				P14	008/028		68	N4036.1 W10340.2	/.....	
LANDR2	LANDR	219	*DES	094			21	13.6 / 70.6	03	09.46
				P17	021/013		47	N4021.5 W10400.2	/.....	
LANDR2	YONDR	219	*DES	094			8	13.6 / 70.7	01	09.47
				P16	029/007		40	N4016.0 W10407.6	/.....	
LANDR2	PHLAT	218	*DES	121			25	13.5 / 70.8	05	09.52
				P13	166/009		14	N3958.3 W10431.3	/.....	
LANDR2	DVV	218	*DES	121	114.70		7	13.4 / 70.9	01	09.53
	MILE HIGH DENVER			P13	166/010		8	N3953.7 W10437.5	/.....	
LANDR2	KDEN/16L	265	5434	121			8	13.1 / 71.1	03	09.56
	DENVER INTL							N3953.8 W10441.2	/.....	

TCC311C LHBP-KDEN (01-Aug-2021) #1**WIND INFORMATION - OBS 01/AUG 06:00****(CLIMB)**

(CLIMB)			MAVOR			HDO			GARLU		
FL330	223/054	-45	FL380	230/045	-51	FL380	217/048	-51	FL380	225/028	-48
FL260	226/056	-30	FL360	226/042	-49	FL360	214/053	-50	FL360	229/027	-49
FL200	227/047	-16	FL340	222/039	-47	FL340	212/058	-48	FL340	234/025	-50
FL130	228/045	-2	FL320	224/040	-43	FL320	211/053	-45	FL320	234/027	-48
6000	257/029	+12	FL300	226/041	-38	FL300	210/049	-42	FL300	234/028	-45

GOLEN

GOLEN			VALBO			CUTEL			6120N		
FL380	273/013	-49	FL400	305/014	-50	FL400	313/016	-50	FL400	295/034	-48
FL360	296/017	-50	FL380	310/018	-50	FL380	312/017	-51	FL380	295/031	-48
FL340	311/022	-51	FL360	318/023	-51	FL360	307/018	-52	FL360	301/023	-48
FL320	309/023	-48	FL340	324/028	-52	FL340	303/019	-52	FL340	314/015	-49
FL300	307/024	-44	FL320	326/029	-48	FL320	308/018	-48	FL320	306/014	-47

6230N

6230N			6240N			6250N			PIDS0		
FL400	265/030	-48	FL400	198/018	-44	FL400	141/017	-43	FL400	100/013	-44
FL380	262/030	-48	FL380	187/018	-45	FL380	127/020	-44	FL380	086/018	-45
FL360	254/030	-49	FL360	172/020	-48	FL360	112/027	-47	FL360	074/026	-47
FL340	245/030	-51	FL340	158/024	-51	FL340	103/036	-49	FL340	067/036	-49
FL320	245/023	-47	FL320	160/020	-48	FL320	106/033	-47	FL320	066/043	-47

MUSLO

MUSLO			GRAND			VBI			KP06C		
FL400	075/010	-45	FL420	334/028	-49	FL420	345/050	-55	FL420	341/067	-56
FL380	066/016	-47	FL400	330/032	-50	FL400	346/051	-55	FL400	343/074	-56
FL360	064/028	-50	FL380	329/037	-51	FL380	347/051	-55	FL380	344/078	-55
FL340	063/041	-53	FL360	331/043	-52	FL360	349/047	-53	FL360	344/077	-51
FL320	063/041	-49	FL340	333/049	-53	FL340	351/043	-51	FL340	345/076	-47

(DESCENT)

FL370	313/035	-51
FL300	328/027	-32
FL220	337/024	-13
15000	341/010	-2
7000	146/005	+15

END FLIGHTPLAN 00719 TCC311C PJTGE LHBP-KDEN 01AUG2021

TCC311C LHBP-KDEN (01-Aug-2021) #1

[ATC FLIGHTPLAN]

(FPL-TCC311C-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-LHBP1920
-N0494F340 BADOV DCT MAVOR DCT HDO M748 BOLBO DCT GARLU DCT
ELSOB L619 DHE DCT SUTEB/N0490F360 DCT VALBO UL619 RIVOT DCT
ADN/N0466F240 UN591 STN DCT NINEX/M085F360 UP59 BALIX DCT
61N020W 62N030W 62N040W 62N050W DCT PIDSO N842A MUSLO N848A
SEMT0/N0492F380 DCT GRAND DCT VBI DCT KP06C DCT SNY LANDR2
-KDEN0956 KCOS
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/210801 REG/PJTGE
EET/LZBB0010 LKAA0018 EDUU0041 EDVV0100 EHAA0125 EKDK0131
EGPX0133 EGGX0243 BIRD0324 62N030W0402 CZQX0416 62N040W0437
BGGL0438 62N050W0511 CZQX0523 CZUL0554 CZWG0709 KZMP0830
KZDV0916
SEL/EGAP CODE/484DC7 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/C
RMK/TCAS
-E/1204)

TCC311C LHBP-KDEN (01-Aug-2021) #1

[PLANNING WEATHER]

ORIGIN: LHBP/BUD (LISZT FERENC INTL, HUNGARY)

UTC +02:00

LHBP 011600Z 16006KT 130V190 9999 FEW050CB 27/21 Q1004 NOSIG
LHBP 011115Z 0112/0212 14014KT CAVOK
BECMG 0112/0114 23012KT
TEMPO 0113/0118 VRB25G47KT 2000 +TSRAGR SQ BKN040CB BKN070
BECMG 0118/0120 31014KT
TEMPO 0121/0204 28006KT

DESTINATION: KDEN/DEN (DENVER INTL, UNITED STATES)

UTC -06:00

KDEN 011553Z 10007KT 6SM HZ FEW080 SCT110 SCT220 21/14 A3046 RMK A02
SLP248 T02060139 \$
KDEN 011459Z 0115/0218 10005KT 5SM HZ SCT110
FM011700 15008KT 6SM FU SCT060 SCT110
FM020600 20008KT P6SM FEW080 SCT200
FM021600 21005KT P6SM SCT200

ALTERNATE: KCOS/COS (CITY OF COLORADO SPRINGS MUN, UNITED STATES)

UTC -06:00

KCOS 011554Z 11010KT 8SM FEW024 BKN055 OVC070 18/12 A3052 RMK A02 SLP270
T01780117
KCOS 011549Z 0116/0212 16008KT P6SM VCSH BKN040 OVC070
FM011800 16008KT P6SM BKN050 OVC070
FM020200 12005KT P6SM SCT100

ADEQUATE: EDDC/DRS (DRESDEN, GERMANY)

UTC +02:00

EDDC 011550Z 24003KT 180V300 9999 FEW020 20/14 Q1008 NOSIG
EDDC 011100Z 0112/0212 26004KT 9999 SCT030
PROB30 TEMPO 0112/0114 RA
BECMG 0204/0206 27009KT
PROB30 TEMPO 0205/0209 4000 -TSRA SCT010CB BKN014

ADEQUATE: EGCC/MAN (MANCHESTER, UNITED KINGDOM)

UTC +01:00

EGCC 011550Z AUTO 04005KT 330V080 9999 BKN038 18/10 Q1013
EGCC 011101Z 0112/0218 06004KT 9999 SCT025
PROB30 TEMPO 0112/0118 8000 -SHRA
PROB30 TEMPO 0205/0209 8000 -RA
PROB30 TEMPO 0209/0216 6000 SHRA

ADEQUATE: EGPO/SYY (STORNOWAY, UNITED KINGDOM)

UTC +01:00

EGPO 011550Z 16005KT 9999 FEW022 BKN032 13/08 Q1015
EGPO 011402Z 0115/0124 01006KT 9999 FEW025 SCT032
BECMG 0118/0121 29010KT

TCC311C LHBP-KDEN (01-Aug-2021) #1

ADEQUATE: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 011600Z 23002KT 9999 OVC009 12/10 Q1011
BIKF 011334Z 0115/0215 20006KT 8000 -DZ BR BKN003 OVC010 TX12/0212Z
TN09/0203Z
TEMPO 0115/0211 4000 SHRA BR BKN006

ADEQUATE: BGBW/UAK (NARSARSUAQ, GREENLAND)

UTC -02:00

BGBW 011550Z AUTO 06020KT 9999NDV -SHRA FEW050/// OVC075/// 14/05 Q0999
BGBW 311350Z 3115/3119 24005KT 9999 SCT080 BKN100
TEMPO 3115/3119 BKN080

ADEQUATE: CYVP/YVP (KUUJJUAQ, CANADA)

UTC -04:00

CYVP 011508Z 27010G15KT 12SM -RA BKN018 OVC030 11/08 A2958 RMK SC7SC1
SLP019
AMD CYVP 011336Z 0113/0124 27008KT P6SM SCT012 BKN025
TEMPO 0113/0119 5SM -RA -DZ BR BKN008 OVC012
BECMG 0113/0115 32012G22KT
FM011900 35010KT P6SM -DZ BKN008 OVC015
FM012300 34008KT 6SM -RA BR BKN006 OVC012
RMK NXT FCST BY 011800Z

ADEQUATE: CYGL/YGL (LA GRANDE RIVIERE, CANADA)

UTC -04:00

CYGL 011526Z 34007G15KT 290V010 15SM BKN016 BKN088 13/09 A2989 RMK SC7AC1
AC TR SLP132
CYGL 011139Z 0112/0212 30008KT 1/4SM -DZ FG VV002
TEMPO 0112/0114 11/2SM BR OVC003
FM011400 30010KT 2SM BR OVC004
TEMPO 0114/0116 6SM BR OVC010
FM011600 30012KT P6SM BKN015
TEMPO 0116/0118 BKN025
FM011800 30012KT P6SM BKN025
FM012300 29010KT P6SM SCT030
FM020400 25008KT 6SM BR BKN030
PROB30 0204/0209 2SM BR BKN003
FM020900 20010G20KT 5SM -RA BR BKN007 OVC030
BECMG 0210/0212 20015G28KT
RMK NXT FCST BY 011800Z

ADEQUATE: CYQT/YQT (THUNDER BAY, CANADA)

UTC -04:00

CYQT 011500Z CCA 32005KT 290V030 20SM BKN035 BKN088 20/13 A3014 RMK CU5AC2
SLP211 DENSITY ALT 1200FT
CYQT 011338Z 0114/0202 24005KT P6SM SCT020 BKN060
TEMPO 0114/0116 BKN020 OVC060
BECMG 0116/0118 32008KT
FM020000 32008KT P6SM SCT040
BECMG 0200/0202 24005KT
RMK NXT FCST BY 012000Z

TCC311C LHBP-KDEN (01-Aug-2021) #1

ADEQUATE: KBIS/BIS (BISMARCK MUN, UNITED STATES)

UTC -05:00

KBIS 011552Z VRB03KT 5SM HZ CLR 24/12 A3030 RMK A02 SLP253 T02440122

KBIS 011358Z 0114/0212 VRB05KT 5SM HZ FEW250

FM011600 10005KT P6SM FEW250

TCC311C LHBP-KDEN (01-Aug-2021) #1

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/1 TRACKS FLS 310/390 INCLUSIVE
AUG 01/1130Z TO AUG 01/1900Z
PART ONE OF ONE PART-

A BALIX 61/20 62/30 62/40 62/50 PIDSO
EAST LVLS NIL
WEST LVLS 350 360 370
EUR RTS WEST NIL
NAR NIL -

B ERAKA 60/20 61/30 61/40 61/50 SAVRY
EAST LVLS NIL
WEST LVLS 350 360 370
EUR RTS WEST NIL
NAR NIL -

C GOMUP 59/20 60/30 60/40 60/50 URTAK
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL -

REMARKS.

1. TMI IS 213 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 TO 410 IN NAT AIRSPACE.
3. PBCS OTS LEVELS 350 TO 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 DATALINK SHALL INCLUDE IN RMK/ FIELD THE HIGHEST ACCEPTABLE FLIGHT LEVEL WHICH CAN BE MAINTAINED AT OAC ENTRY POINT.
9. ALL ADS C 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 ONE OF ONE PARTS)

(NAT-1/2 TRACKS FLS 320/400 INCLUSIVE
AUG 02/0100Z TO AUG 02/0800Z
PART ONE OF TWO PARTS-

TCC311C LHBP-KDEN (01-Aug-2021) #1

W ELSIR 50/50 53/40 55/30 55/20 DOGAL BEXET
EAST LVLS 320 340 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N329B N327B-

X JOOPY 49/50 52/40 54/30 54/20 MALOT GISTI
EAST LVLS 320 340 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N269A N277A-

Y NISCO 48/50 51/40 53/30 53/20 LIMRI XETBO
EAST LVLS 320 340 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N211E N205B-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 320/400 INCLUSIVE
AUG 02/0100Z TO AUG 02/0800Z
PART TWO OF TWO PARTS-

Z PORTI 47/50 50/40 52/30 52/20 DINIM ELSOX
EAST LVLS 320 340 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N155A N145B-

REMARKS:

1.TMI IS 214 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.
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

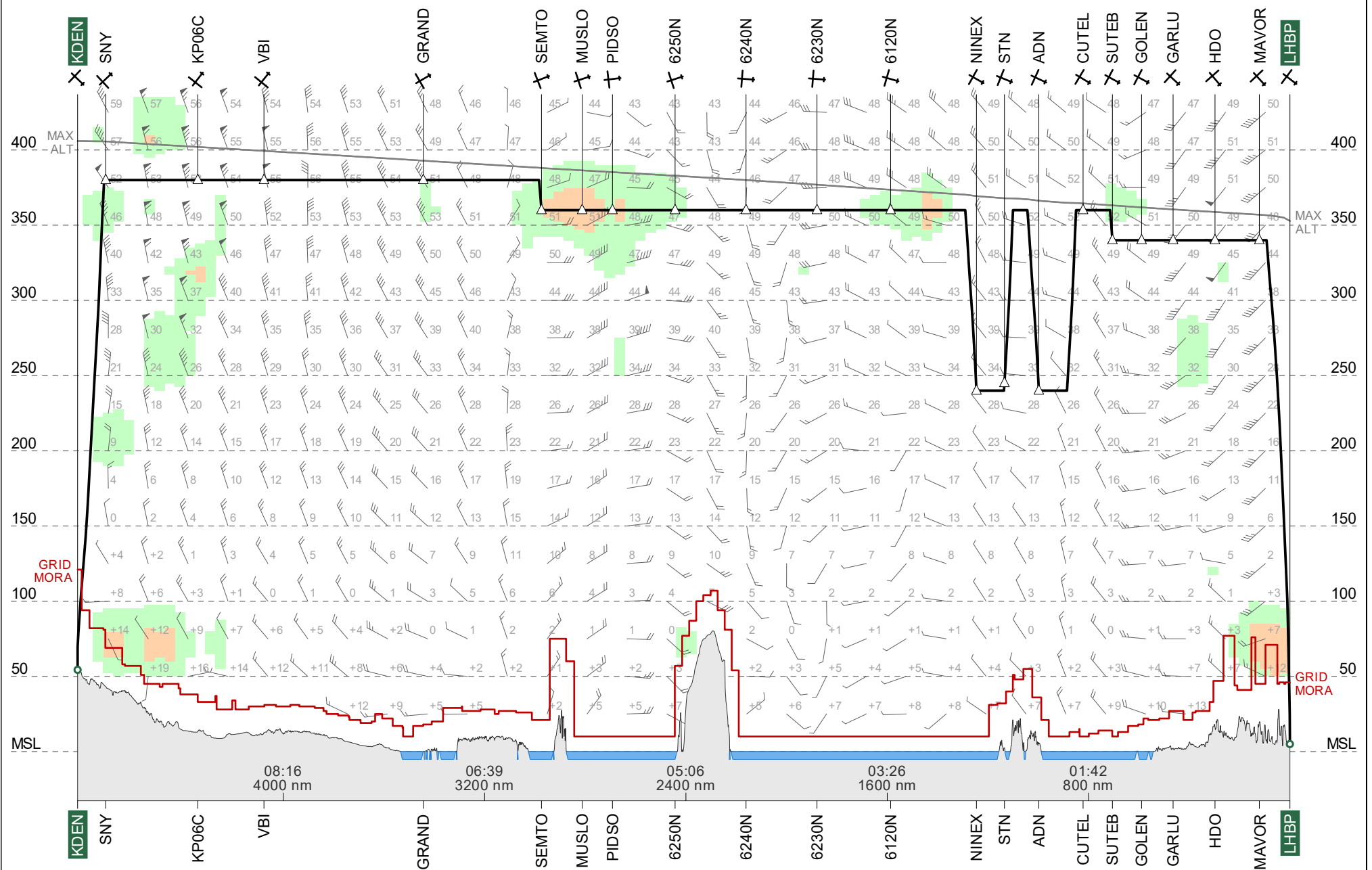
8.AIRCRAFT EXITING THE NAT INTO TO A DOMESTIC AGENCY SHOULD CONTINUE
TO OPERATE TRANSPONDERS ON CODE 2000 UNTIL OTHERWISE ADVISED BY ATC
SEE ICAO NAT DOC 007 6.8 FOR MORE INFO.-

END OF PART TWO OF TWO PARTS)

TR311C #1

KDEN ← LHBP

ETD 01 Aug 19:20z
PJTGE B77L



TR311C #1
LHBP-KDEN

01 Aug 2021
PJTGE B77L

Lambert Conical Projection
Standard Parallels: 47N and 54N



Wind Chart

FL360

TR311C #1
LHBP-KDEN

Observed 01 Aug 2021 06:00 UTC

Valid 02 Aug 2021 00:00 UTC

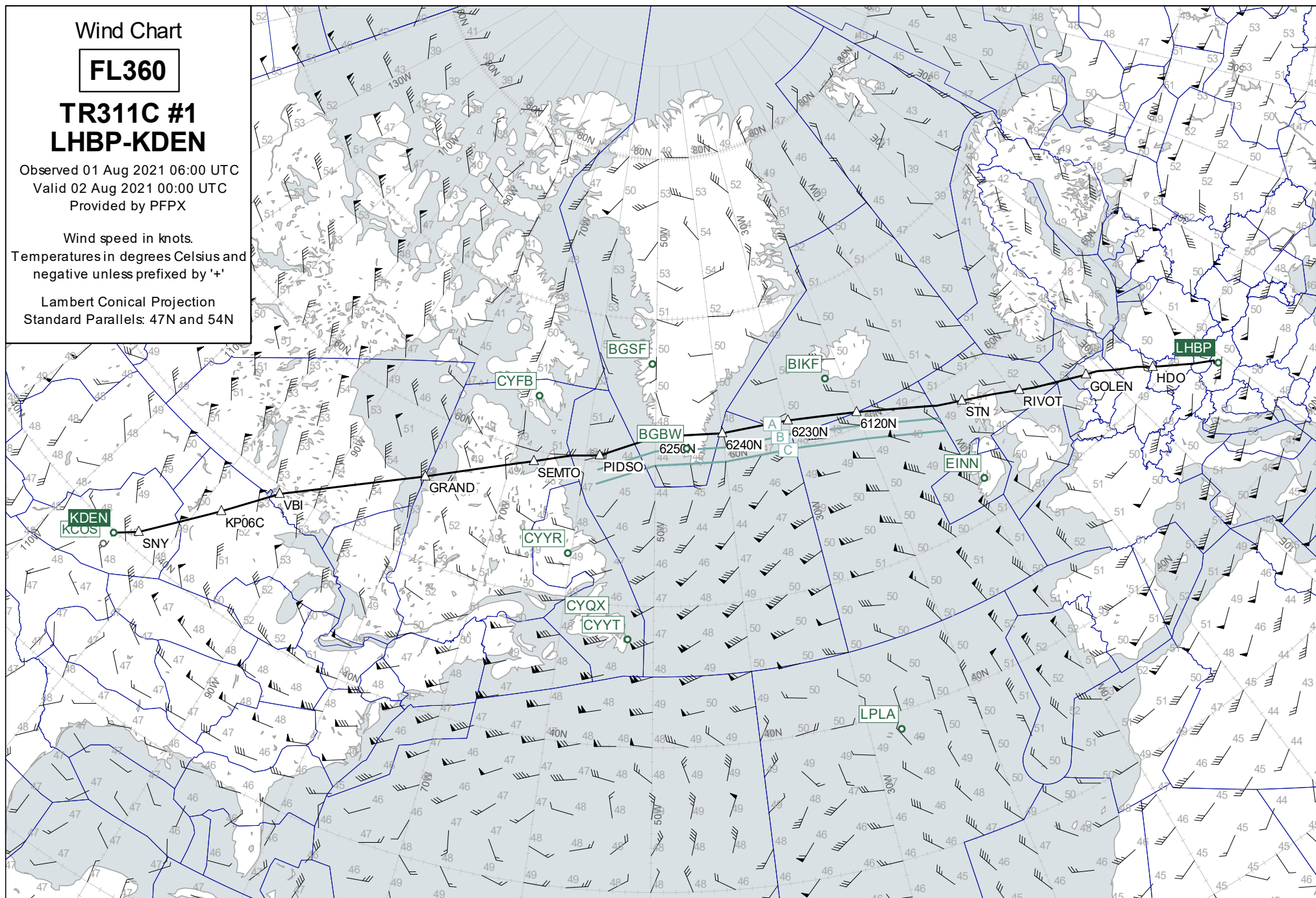
Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection

Standard Parallels: 47N and 54N



Wind Chart

FL320

TR311C #1
LHBP-KDEN

Observed 01 Aug 2021 06:00 UTC

Valid 02 Aug 2021 00:00 UTC

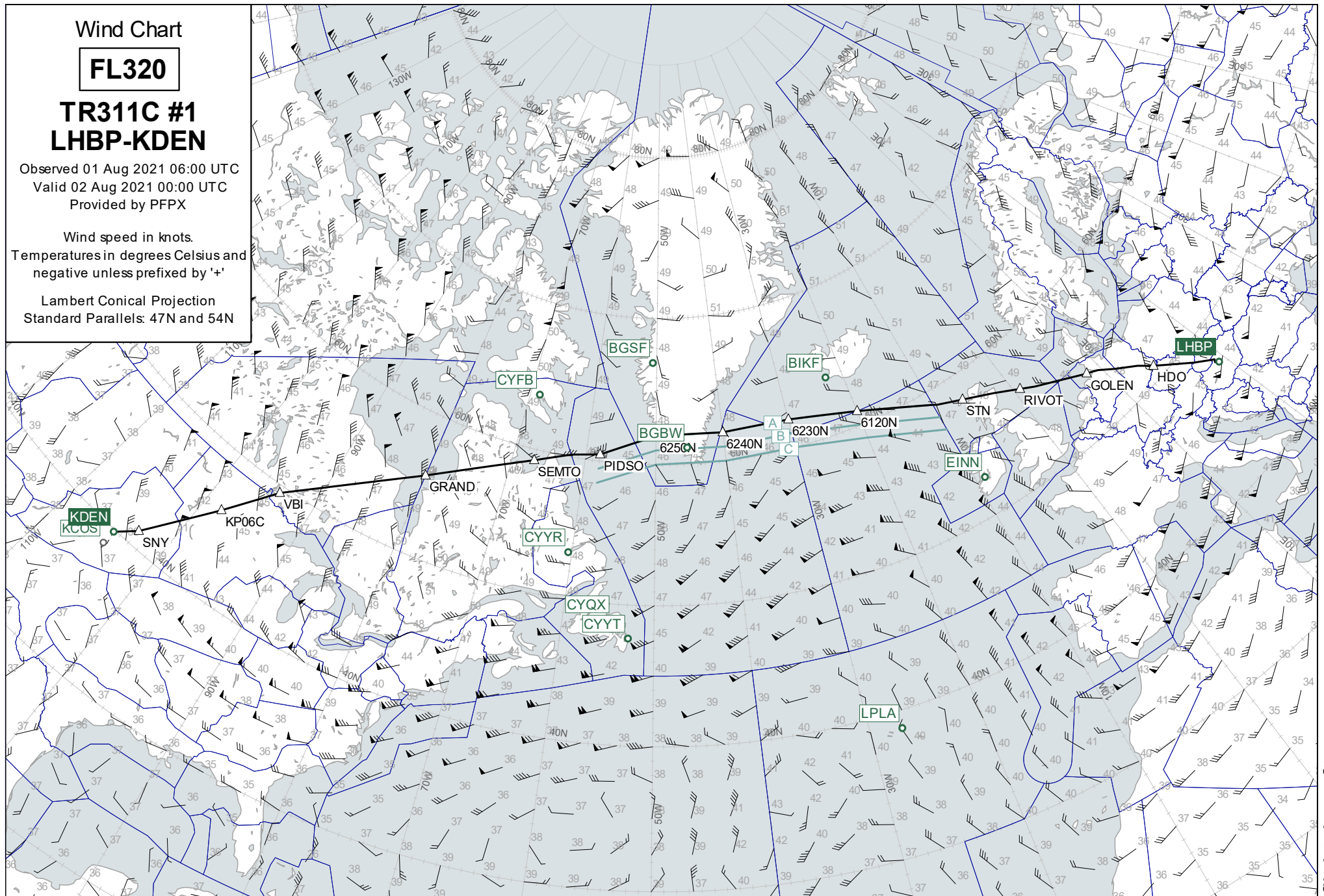
Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection

Standard Parallels: 47N and 54N



Wind Chart

FL400

TR311C #1
LHBP-KDEN

Observed 01 Aug 2021 06:00 UTC

Valid 02 Aug 2021 00:00 UTC

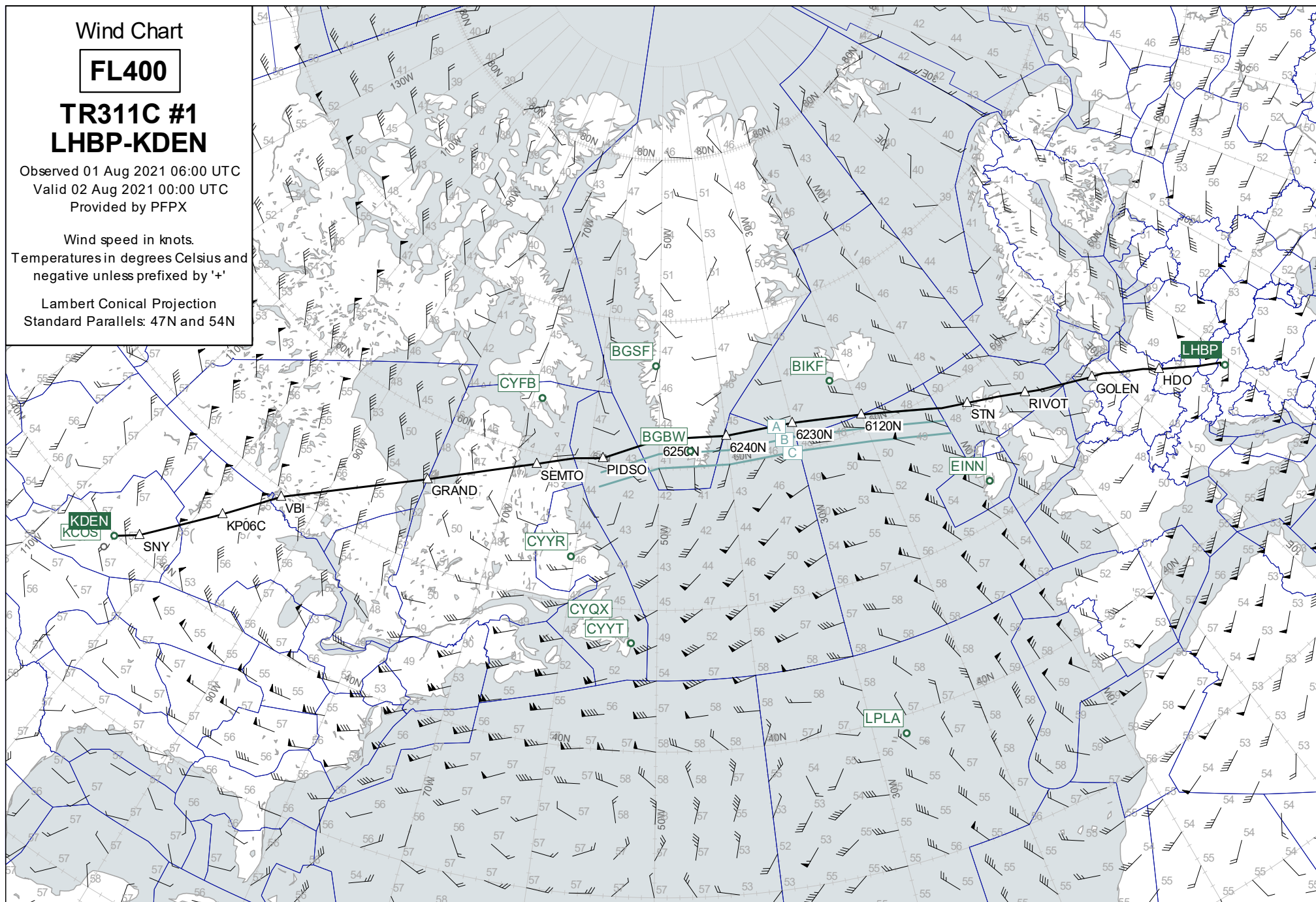
Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection

Standard Parallels: 47N and 54N



Destination Area

FL150

TR311C #1 LHBP-KDEN

Observed 01 Aug 2021 06:00 UTC

Valid 02 Aug 2021 06:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 39N and 40N

