



Tradewind VA



Flight Briefing Package

TCC213C KSFO-EBLG

24-Aug-2019 #1

RELEASE #1

SAN FRANCISCO INTL
(UNITED STATES)

-

LIEGE
(BELGIUM)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

24 AUG 2035 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		66.224	09:47
CONT 5%		3.311	00:33
HOLD	EBLG	1.978	00:20
ALTN	EBBR	1.598	00:14
FINAL RESV		2.974	00:30
ADD FUEL		1.496	00:12
MIN T/O		77.581	11:37
EXTRA		1.484	00:15
TAXI		780	00:15
RELEASE	KSFO	79.845	12:07
ARR FUEL	EBLG	12.581	02:00

Load Planning (kg)	PJTGE	Plan	Limit
Empty Weight		156.146	
Payload	266+0 Pax	25.004	
Zero Fuel Weight	Limit	181.150	209.106
Fuel		79.845	162.613
Ramp Weight		260.995	348.359
Take-Off Weight KSFO		260.215	299.982
Landing Weight EBLG		193.991	223.167
Underload		27.956	Lim ZFW
Max Extra Fuel		29.176	Lim LDW

Cost Planning		
Flight Time	09:47\$	54.519
Fuel	67.264\$	54.590
Total		\$ 109.109
Per Pax		\$ 410
Per 5.000 kg Payload		\$ 21.818

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC213C PJTGE KSFO-EBLG

 ALL WEIGHTS IN KILOGRAMS (KG) STD 24AUG/2155Z

OPF 1 - PREPARED 24AUG/2035Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR213C/TCC213C PJTGE/B777-2LR GE SEL/EGAP ROUTE: KSFOEBLG01

DEP: KSFO/SFO 28L ELEV 13 FT COST INDEX: 250 TTL G/C DIST: 4843 NM
 ARR: EBLG/LGG 22L ELEV 659 FT INIT ALT: FL330 TTL F/P DIST: 4976 NM
 FUEL BIAS: 100.5% TTL AIR DIST: 4700 NM
 AVG WIND CMP: TL028 KT

ALT: EBBR/BRU 25R ELEV 184 FT 54 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	266	0	25004	27956 ZFW	MAX 209106	299982	223167
						PLN 181150	260215	193991
						ACT .....	.....	.....

 ** TAKE-OFF DATA KSFO 28L **

COND: 260215 KG // RWY DRY // +22°C Q1014 300/15 // LMT: STRUCT
 CONFIG: FLAPS 5 // D-T01 +47C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=155 VR=157 V2=161
 ENG OUT: AT 3 DME 'SFO' 115.80 RT TO ITCPT AND PRCD ON R 287 'SFO' 115.80 TO
 'STINS' [22 DME R 287 'SFO' 115.80] (287 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	66224	.....	09:47	
CONT 5%	3311	.....	00:33	
ALTN EBBR	1598	.....	00:14	
FINAL RESV	2974	.....	00:30	
HOLD	1978	.....	00:20	
ADD FUEL	1496	.....	00:12	
MIN T/O	77581	.....	11:37	.....
EXTRA	1484	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	780	.....	00:15	
RELEASE	79845	.....	12:07	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	12581	.....	02:00	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 30660 KG LIM BY LDW
 TRIP CORR FOR 5000 KG TOW INCR: +966 KG / 5000 KG TOW DECR: -884 KG
 2000 FT LOWER: +1317 KG / EET 09:43 CLB: 250/310/84 DES: 84/320/250

 KSFO STD 21:55Z/14:55L ETD 21:55Z ACT OFBL EST T/O 22:10Z ACT T/O
 EBLG STA 08:25Z/10:25L ETA 08:02Z ACT ONBL EST LDG 07:57Z ACT LDG
 SKD 10:30 PLN 10:07 TTL BLCK EST FLT 09:47 TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (CYFB)	42 NM BEFORE	5980N	N58 09.7 W081 10.4	EET 03:56
ETOPS EXIT (CYFB)	260 NM BEFORE	TUNNI	N58 50.2 W078 12.7	EET 04:07
ETOPS ENTRY (BIKF)	39 NM BEFORE	5720N	N57 16.2 W021 05.7	EET 07:32
ETOPS EXIT (BIKF)	119 NM BEFORE	PIKIL	N56 41.9 W018 21.3	EET 07:43

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD
 CYFB (03:09-06:10)

BIKF (05:40-07:04)

ONE ENGINE OUT ETP 1 FOR CYFB/BIKF N60 04.7 W047 07.5 EET 05:57
 1E084/320 DESC TO FL290 CRUISE AT 1E0320 214 NM BEFORE 6040N
 PLN FUEL OVER ETP 35239 ETP FUEL REQ 15861 DIV TIME 01:33
 ETP TO CYFB (N63 45.4 W068 33.4) DIST 642 NM WC HD056 TT 299
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 725 NM WC HD002 TT 061

ONE ENGINE OUT DECOMP ETP 1 FOR CYFB/BIKF N60 05.5 W045 45.4 EET 06:02
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 173 NM BEFORE 6040N
 PLN FUEL OVER ETP 34728 ETP FUEL REQ 16511 DIV TIME 01:59
 ETP TO CYFB (N63 45.4 W068 33.4) DIST 677 NM WC HD022 TT 299
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 689 NM WC HD015 TT 060

ALL ENGINE DECOMP ETP 1 FOR CYFB/BIKF N60 05.5 W045 45.4 EET 06:02
 84/320/250 DESC TO FL100 CRUISE AT AE320 173 NM BEFORE 6040N
 PLN FUEL OVER ETP 34728 ETP FUEL REQ 15743 DIV TIME 01:59
 ETP TO CYFB (N63 45.4 W068 33.4) DIST 677 NM WC HD022 TT 299
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 689 NM WC HD015 TT 060

ATC ROUTE: N0502F330 TRUKN2 ORRCA DCT FMG/N0494F350 DCT KU75K DCT KU09Q DCT
 5130N10000W 55N090W 5830N08000W/N0484F370 DCT TUNNI DCT RODBO DCT
 MUSLO DCT RADUN DCT 60N050W/M084F370 60N040W/N0498F370
 59N030W/M085F370 57N020W DCT PIKIL DCT SOVED DCT MIMKU/N0489F370 DCT
 SOSIM UL15 BIG/N0440F190 L9 DVR M140 VABIK Q70 KOK KOK5D

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
EBBR/25R	54	FL100	036	TL002	00:14	1598	-	ONL DCT BUB

MOST CRITICAL MORA 15000 FT AT KU09Q

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA ISA	FREQ WND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO	ACC ATO
	KSFO/28L		13	061				79.1 / 0.8			
	SAN FRANCISCO INTL										
							4976	N3736.7	W12221.6/.....	
TRUKN2	TRUKN	034	*CLB	061			12	77.4 / 2.4	04	00.04	
				P18	215/004		4963	N3743.1	W12212.9/.....	
TRUKN2	HYPEE	022	*CLB	061			12	76.8 / 3.1	02	00.06	
				P18	247/003		4951	N3752.8	W12204.1/.....	
TRUKN2	ORRCA	022	*CLB	066			42	75.2 / 4.7	06	00.12	
				P15	300/017		4909	N3826.6	W12133.1/.....	
DCT	*TOC	040	FL330	127		502	41	74.1 / 5.8	05	00.17	
				P10	301/022	510	4868	N3851.3	W12050.8/.....	
DCT	FMG	040	*CLB	130	117.90		69	73.1 / 6.8	08	00.25	
	MUSTANG RENO			P10	305/030		4799	N3931.9	W11939.4/.....	
	KBOI	028	FL350	130			52	72.2 / 7.7	06	00.31	
				P09	286/034		4747	N4010.8	W11853.8/.....	
DCT	*BDRY	029	FL350	122		494	27	71.8 / 8.0	03	00.34	

-KZLC P09 300/042 499 4721 N4030.3 W11830.5/.....

DCT KU75K 029 FL350 127 494 165 69.5 / 10.4 20 00.54
P08 295/081 513 4556 N4230.0 W11600.0/.....

KMOT 032 FL350 150 335 64.9 / 14.9 38 01.32
P08 285/098 4221 N4619.0 W11018.3/.....

DCT KU09Q 037 FL350 136 491 17 64.7 / 15.2 02 01.34
P05 274/055 528 4204 N4630.0 W11000.0/.....

DCT *BDRY 038 FL350 111 491 237 61.6 / 18.3 27 02.01
-CZWG P05 230/049 539 3967 N4900.0 W10527.9/.....

CYWG 043 FL350 047 190 59.1 / 20.8 21 02.22
P05 193/054 3778 N5051.9 W10130.1/.....

----- 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 52N00 049 FL350 044 491 69 58.2 / 21.7 08 02.30
5130N10000W P04 204/049 533 3709 N5130.0 W10000.0/.....

CYYQ 051 FL350 027 253 54.9 / 24.9 28 02.58
P05 223/040 3456 N5343.8 W09406.9/.....

DCT 5590N 061 FL350 027 492 163 52.9 / 27.0 18 03.16
55N090W P05 248/039 533 3293 N5500.0 W09000.0/.....

----- ETOPS ENTRY (CYYQ) 0042 NM BEFORE 5980N EET 03:56 -----

DCT 5980N 076 *CLB 019 390 47.9 / 32.0 45 04.01
-CZUL 5830N08000W P04 275/043 2902 N5830.0 W08000.0/.....

----- ETOPS EXIT (CYFB) 0260 NM BEFORE TUNNI EET 04:07 -----

DCT TUNNI 089 FL370 027 484 320 43.8 / 36.1 37 04.38
M00 312/067 520 2582 N6000.0 W07000.0/.....

DCT RODBO 109 FL370 042 485 145 42.0 / 37.9 16 04.54
P01 322/080 530 2437 N6005.0 W06510.0/.....

DCT *BDRY 110 FL370 042 487 91 40.9 / 39.0 10 05.04
-CZQX P03 324/071 524 2346 N6009.9 W06207.5/.....

DCT MUSLO 113 FL370 010 487 4 40.8 / 39.0 01 05.05
P03 324/071 524 2342 N6010.0 W06200.0/.....

BGBW 119 FL370 010 72 39.9 / 39.9 08 05.13
P06 324/080 2271 N6003.7 W05936.5/.....

DCT RADUN 121 FL370 010 490 49 39.3 / 40.5 06 05.19
P05 330/057 523 2222 N5958.0 W05800.0/.....

DCT *BDRY 110 FL370 010 495 193 36.9 / 42.9 22 05.41
-BGGL P11 341/044 509 2029 N6001.9 W05134.1/.....

DCT 6050N 115 FL370 010 497 47 36.3 / 43.5 06 05.47

	60N050W		P12	337/034	511	1981	N6000.0	W05000.0/.....
	*ETP 1	109	FL370	078		499	127	34.7 / 45.1	15 06.02
	CYFB/BIKF		P13	293/012	510	1854	N6005.5	W04545.4/.....
DCT	*BDRY	111	FL370	097		498	120	33.2 / 46.6	14 06.16
-CZQX			P12	229/013	508	1734	N6003.3	W04145.1/.....
DCT	6040N	113	FL370	010		498	53	32.6 / 47.3	06 06.22
	60N040W		P12	218/015	506	1681	N6000.0	W04000.0/.....
	BIKF	117	FL370	010			208	30.0 / 49.8	25 06.47
			P15	218/025		1473	N5924.8	W03313.6/.....
DCT	5930N	119	FL370	010		498	103	28.8 / 51.1	12 06.59
-EGGX	59N030W		P12	219/061	519	1370	N5900.0	W03000.0/.....
----- ETOPS ENTRY (BIKF) 0039 NM BEFORE 5720N EET 07:32 -----									
DCT	5720N	124	FL370	010		487	340	24.9 / 55.0	38 07.37
	57N020W		P03	261/080	552	1030	N5700.0	W02000.0/.....
----- ETOPS EXIT (EINN) 0119 NM BEFORE PIKIL EET 07:43 -----									
DCT	PIKIL	118	FL370	010		487	176	22.9 / 56.9	19 07.56
			P02	298/062	552	854	N5600.0	W01500.0/.....
DCT	SOVED	097	FL370	010		488	34	22.6 / 57.3	03 07.59
			P02	304/059	537	820	N5600.0	W01400.0/.....
DCT	MIMKU	095	FL370	010		489	134	21.0 / 58.8	16 08.15
-EGPX			P03	314/039	518	686	N5600.0	W01000.0/.....
DCT	*BDRY	127	FL370	038		489	73	20.2 / 59.7	08 08.23
-EISN			P03	302/021	517	613	N5520.3	W00812.2/.....
DCT	*BDRY	128	FL370	038		489	35	19.8 / 60.1	04 08.27
-EGPX			P03	302/014	510	578	N5500.5	W00721.3/.....
DCT	*BDRY	128	FL370	040		489	79	18.8 / 61.0	10 08.37
-EGTT			P02	261/006	497	499	N5414.8	W00529.9/.....
DCT	SOSIM	129	FL370	048		489	44	18.3 / 61.6	05 08.42
			P02	221/016	491	455	N5348.9	W00430.5/.....
UL15	GIGTO	129	FL370	048		489	18	18.0 / 61.8	02 08.44
			P02	217/019	490	437	N5338.0	W00405.9/.....
	EGCC	129	FL370	048			16	17.8 / 62.0	02 08.46
			P02	224/009		421	N5328.3	W00344.3/.....
UL15	MALUD	129	FL370	047		489	6	17.8 / 62.1	01 08.47
			P02	216/019	489	415	N5324.8	W00336.5/.....
UL15	EPOXI	133	FL370	047		489	7	17.7 / 62.2	01 08.48
			P02	215/018	487	408	N5320.0	W00327.3/.....
UL15	AMPIT	133	FL370	047		489	13	17.5 / 62.3	01 08.49
			P01	214/017	487	395	N5311.7	W00311.6/.....
UL15	RISLA	133	FL370	047		489	15	17.3 / 62.5	02 08.51
			P01	213/015	487	380	N5301.9	W00253.2/.....
UL15	KEPAD	133	FL370	036		489	20	17.1 / 62.8	03 08.54

				P02 211/013	487	361	N5248.6	W00228.7/.....
UL15	HON	133	FL370	030 113.65	490	40	16.6 /	63.3	05 08.59
	HONILEY			P02 211/011	487	320	N5221.4	W00139.8/.....
UL15	PIXUP	135	FL370	026	490	28	16.2 /	63.6	03 09.02
				P02 215/011	488	292	N5201.9	W00106.7/.....
UL15	FINMA	135	FL370	026	490	3	16.2 /	63.7	01 09.03
				P02 215/011	488	289	N5159.8	W00103.2/.....
UL15	BETPO	135	FL370	024	490	17	16.0 /	63.9	02 09.05
				P02 214/011	488	272	N5147.9	W00043.5/.....
	EGLL	135	FL370	023		12	15.8 /	64.0	01 09.06
				P03 205/012		260	N5139.5	W00029.7/.....
UL15	BIG	135	*DES	024 115.10		28	15.5 /	64.4	04 09.10
	BIGGIN			P03 212/013		232	N5119.9	E00002.1/.....
L9	DIKVU	101	*DES	024		11	15.5 /	64.4	01 09.11
				P04 205/013		221	N5117.8	E00019.0/.....
L9	EMKAD	101	*DES	024		15	15.4 /	64.4	02 09.13
				P06 203/014		206	N5114.8	E00042.6/.....
L9	UMTUM	101	*DES	024		12	15.4 /	64.4	01 09.14
				P07 206/013		194	N5112.5	E00101.1/.....
L9	DVR	102	*DES	024 114.95		13	15.4 /	64.5	02 09.16
	DOVER			P08 207/011		181	N5109.8	E00121.6/.....
M140	VABIK	078	FL190	024	440	25	15.0 /	64.9	03 09.19
-EBBU				P08 209/010	448	157	N5114.8	E00200.0/.....
Q70	MADUX	094	FL190	019	440	15	14.7 /	65.2	02 09.21
				P09 212/010	445	141	N5113.6	E00224.5/.....
	EBLG	130	FL190	019		4	14.6 /	65.2	01 09.22
				P08 230/010		137	N5110.6	E00230.1/.....
Q70	KOK	130	FL190	019 114.50	441	8	14.5 /	65.4	01 09.23
	KOKSY			P09 215/010	439	129	N5105.7	E00239.1/.....
KOK5D	*TOD	118	FL190	028	441	61	13.5 /	66.4	08 09.31
				P09 225/008	443	68	N5036.0	E00402.7/.....
KOK5D	GSY	119	*DES	028 115.70		18	13.4 /	66.5	03 09.34
	GOSLY CHARLEROI			P09 208/004		51	N5027.2	E00426.5/.....
KOK5D	RUDIX	093	*DES	036		25	13.3 /	66.6	04 09.38
				P09 140/002		25	N5025.1	E00506.1/.....
KOK5D	LGE	043	*DES	036 115.45		20	13.1 /	66.7	05 09.43
	LIEGE			P09 119/002		5	N5039.2	E00528.2/.....
KOK5D	EBLG/22L	224	659	036		5	12.8 /	67.0	04 09.47
	LIEGE						N5038.9	E00527.7/.....

WIND INFORMATION - OBS 24/AUG 12:00

(CLIMB) **KU75K** **KU09Q** **52N00**
FL340 299/018 -43 FL390 298/083 -56 FL390 272/047 -54 FL390 204/055 -59
FL270 306/017 -24 FL370 297/083 -51 FL370 273/051 -52 FL370 203/053 -55
FL200 290/009 -6 FL350 296/082 -46 FL350 275/055 -50 FL350 204/049 -50
13000 241/006 +7 FL330 295/080 -41 FL330 275/055 -46 FL330 205/046 -45
6000 218/008 +20 FL310 295/076 -36 FL310 276/050 -41 FL310 206/044 -39

5590N **TUNNI** **RODBO** **RADUN**
FL390 251/043 -59 FL410 312/059 -58 FL410 321/064 -56 FL410 331/047 -50
FL370 250/042 -55 FL390 312/067 -60 FL390 321/075 -57 FL390 331/054 -51
FL350 248/040 -50 FL370 312/068 -57 FL370 323/080 -55 FL370 331/058 -52
FL330 248/039 -44 FL350 313/066 -52 FL350 324/084 -52 FL350 330/061 -51
FL310 247/040 -39 FL330 312/064 -47 FL330 325/083 -48 FL330 330/062 -50

6050N **6040N** **5930N** **5720N**
FL410 333/025 -44 FL410 225/019 -43 FL410 223/054 -45 FL410 261/070 -57
FL390 336/029 -44 FL390 220/018 -43 FL390 222/058 -45 FL390 263/082 -58
FL370 337/035 -45 FL370 218/015 -45 FL370 219/061 -44 FL370 262/081 -54
FL350 338/042 -45 FL350 217/011 -47 FL350 216/064 -44 FL350 259/077 -49
FL330 340/048 -46 FL330 210/007 -48 FL330 212/064 -43 FL330 256/073 -44

PIKIL **MIMKU** **SOSIM** **HON**
FL410 294/054 -58 FL410 302/032 -56 FL410 234/013 -57 FL410 221/013 -57
FL390 298/065 -58 FL390 312/039 -56 FL390 228/014 -57 FL390 213/013 -58
FL370 298/063 -54 FL370 315/040 -53 FL370 222/016 -55 FL370 212/012 -55
FL350 299/058 -49 FL350 317/039 -50 FL350 217/019 -51 FL350 212/011 -51
FL330 297/051 -45 FL330 319/036 -46 FL330 216/021 -46 FL330 210/011 -46

VABIK **(DESCENT)**
FL230 205/014 -23 FL250 205/009 -27
FL210 207/013 -19 FL200 197/007 -15
FL190 209/011 -14 FL150 188/005 -5
FL170 209/010 -10 FL100 175/004 +5
FL150 206/009 -6 FL050 150/008 +13

END FLIGHTPLAN 03401 TCC213C PJTGE KSFO-EBLG 24AUG2019

[ATC FLIGHTPLAN]

(FPL-TCC213C-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-KSFO2155

-N0502F330 TRUKN2 ORRCA DCT FMG/N0494F350 DCT KU75K DCT KU09Q

DCT 5130N10000W 55N090W 5830N08000W/N0484F370 DCT TUNNI DCT

RODBO DCT MUSLO DCT RADUN DCT 60N050W/M084F370 60N040W/N0498F370

59N030W/M085F370 57N020W DCT PIKIL DCT SOVED DCT MIMKU/N0489F370

DCT SOSIM UL15 BIG/N0440F190 L9 DVR M140 VABIK Q70 KOK

-EBLG0947 EBBR

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/190824 REG/PJTGE

EET/KZLC0034 CZWG0201 CZUL0401 CZQX0504 BGGL0541 60N050W0547

CZQX0616 60N040W0622 EGGX0659 57N020W0737 EGPX0815 EISN0823

EGPX0827 EGT0837 EBBU0919

SEL/EGAP CODE/484DC7 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/C

RALT/BIKF CYFB

RMK/TCAS

-E/1152)

[PLANNING WEATHER]

ORIGIN: KSFO/SFO (SAN FRANCISCO INTL, UNITED STATES)

UTC -07:00

KSFO 241956Z 31016KT 10SM FEW009 22/14 A2994 RMK A02 SLP138 T02170144
KSFO 241737Z 2418/2524 04005KT P6SM SCT011 SCT013
FM241900 33006KT P6SM SCT011
FM242100 30015KT P6SM FEW011
FM250300 29010KT P6SM FEW011
FM250900 27006KT P6SM SCT011
FM251400 28004KT P6SM BKN015
FM251700 33005KT P6SM FEW012
FM252100 30015KT P6SM FEW015

DESTINATION: EBLG/LGG (LIEGE, BELGIUM)

UTC +02:00

EBLG 241950Z 13004KT CAVOK 25/12 Q1019 NOSIG
EBLG 241710Z 2418/2524 VRB03KT CAVOK

ALTERNATE: EBBR/BRU (BRUSSELS NATIONAL, BELGIUM)

UTC +02:00

EBBR 241950Z 09002KT CAVOK 22/15 Q1018 NOSIG
EBBR 241710Z 2418/2524 VRB03KT CAVOK

EDTO AIRPORT: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 242000Z 27008KT 9999 FEW010 BKN015 12/09 Q1011
BIKF 241653Z 2418/2518 29010KT 9999 FEW013 TX12/2418Z TN08/2505Z
BECMG 2421/2500 VRB02KT BKN013
BECMG 2502/2505 15012KT
BECMG 2507/2509 12017G27KT -RA BKN015 OVC025
BECMG 2512/2514 12028G45KT 5000 RA
BECMG 2516/2518 14018G28KT 2000 RADZ BR OVC005

EDTO AIRPORT: CYFB/YFB (IQALUIT, CANADA)

UTC -04:00

CYFB 242000Z 33017KT 30SM SCT028 BKN048 OVC250 13/08 A2989 RMK SC3SC4CI1
SLP125
CYFB 241738Z 2418/2518 13005KT P6SM SCT060 BKN200
BECMG 2419/2421 32012KT
FM242100 32012KT P6SM BKN030 BKN060
TEMPO 2421/2424 P6SM -RA BKN015 OVC030
FM250000 33010KT P6SM FEW040
RMK NXT FCST BY 250000Z

ADEQUATE: KBOI/BOI (BOISE AIR TERMINAL/GOWEN, UNITED STATES)

UTC -06:00

KBOI 241953Z VRB05KT 10SM CLR 32/02 A2991 RMK A02 SLP095 T03220022
KBOI 241720Z 2418/2518 13007KT P6SM SKC
FM242000 31012G18KT P6SM SCT250
FM250300 30006KT P6SM SKC

ADEQUATE: KMOT/MOT (MINOT INTL, UNITED STATES)

UTC -05:00

KMOT 241954Z 15014G24KT 10SM OVC050 25/18 A2981 RMK A02 PK WND 16026/1916
SLP086 T02500183
KMOT 242006Z 2420/2518 18016G25KT P6SM BKN050
FM242200 18015G24KT P6SM FEW030 SCT090
FM250100 18012G27KT P6SM VCSH SCT030 OVC100
FM251100 19007KT P6SM SCT060
FM251500 22007KT P6SM BKN070

ADEQUATE: CYWG/YWG (RICHARDSON INTL, CANADA)

UTC -05:00

CYWG 242000Z 18022G35KT 15SM SCT045 OVC250 29/17 A2988 RMK CU4CI4 SLP120
DENSITY ALT 2600FT
CYWG 241739Z 2418/2518 18020G30KT P6SM FEW060 BKN290
FM250300 18020G30KT P6SM BKN050
TEMPO 2503/2515 P6SM -SHRA
PROB30 2503/2512 VRB25G40KT 2SM TSRA SCT020 OVC050CB
FM251500 18020KT P6SM SCT008 OVC030
TEMPO 2515/2518 BKN008 OVC030
RMK NXT FCST BY 250000Z

ADEQUATE: CYYQ/YYQ (CHURCHILL, CANADA)

UTC -05:00

CYYQ 242000Z 14017G24KT 15SM SCT012 BKN065 BKN100 16/13 A2976 RMK
SC3SC2AC1 SLP082 DENSITY ALT 500FT
AMD CYYQ 241914Z 2419/2518 13020G30KT P6SM SCT008 BKN100
TEMPO 2419/2421 BKN008 BKN100
FM242100 13015G25KT P6SM -RA SCT005 OVC015
TEMPO 2421/2506 4SM -SHRA BR OVC005
BECMG 2422/2424 18015G25KT
FM250600 24012KT P6SM SCT005 BKN025 OVC080
TEMPO 2506/2509 4SM -SHRA BR OVC005
FM250900 31012KT 4SM BR OVC005
TEMPO 2509/2518 P6SM NSW OVC010
RMK NXT FCST BY 250000Z

ADEQUATE: BGBW/UAK (NARSARSUAQ, GREENLAND)

UTC -02:00

BGBW 241950Z 06020KT 9999 FEW060 SCT090 BKN120 12/M06 Q1003
BGBW 241402Z 2415/2421 VRB08KT 9999 FEW070 BKN180
TEMPO 2415/2421 BKN070
PROB40 2417/2421 06018G28KT

ADEQUATE: EINN/SNN (SHANNON, IRELAND)

UTC +01:00

EINN 242000Z 31006KT 9999 FEW012 BKN032 16/14 Q1015 NOSIG
EINN 241700Z 2418/2518 32010KT 9999 FEW020 BKN030
BECMG 2422/2424 29007KT
TEMPO 2500/2504 BKN007
PROB30 TEMPO 2500/2506 4000 BR

ADEQUATE: EGCC/MAN (MANCHESTER, UNITED KINGDOM)

UTC +01:00

EGCC 241950Z AUTO 09003KT 9999 NCD 20/13 Q1017 NOSIG
EGCC 241655Z 2418/2524 15005KT 9999 FEW045

ADEQUATE: EGLL/LHR (HEATHROW, UNITED KINGDOM)

UTC +01:00

EGLL 241950Z AUTO 13005KT 9999 NCD 23/12 Q1017 NOSIG

EGLL 241654Z 2418/2524 17010KT CAVOK

BECMG 2422/2501 08004KT 7000

BECMG 2507/2510 17010KT CAVOK

BECMG 2518/2521 VRB03KT

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/3 TRACKS FLS 320/400 INCLUSIVE
AUG 25/0100Z TO AUG 25/0800Z
PART ONE OF THREE PARTS-

R ALLRY 51/50 54/40 56/30 56/20 PIKIL SOVED
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N389B N383B-

S ELSIR 50/50 53/40 55/30 55/20 RESNO NETKI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N333B N325A-

T JOOPY 49/50 52/40 54/30 54/20 DOGAL BEXET
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N269A N263A-

U MUSAK 4830/50 5130/40 5330/30 5330/20 NEBIN OLGON
EAST LVLS 350 360 370 380 390
WEST LVLS NIL
EUR RTS EAST NIL
NAR N237A N231A-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 320/400 INCLUSIVE
AUG 25/0100Z TO AUG 25/0800Z
PART TWO OF THREE PARTS-

V NICS0 48/50 51/40 53/30 53/20 MALOT GISTI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N211E N197A-

W PORTI 47/50 50/40 52/30 52/20 LIMRI XETBO
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N155A N139A-

X SUPRY 46/50 49/40 51/30 51/20 DINIM ELSOX
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N93A N75A-

Y DOVEY 42/60 44/50 48/40 50/30 50/20 SOMAX ATSUR
EAST LVLS 320 340 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 320/400 INCLUSIVE
AUG 25/0100Z TO AUG 25/0800Z
PART THREE OF THREE PARTS-

Z SOORY 43/50 46/40 49/30 49/20 BEDRA NASBA
EAST LVLS 320 340 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

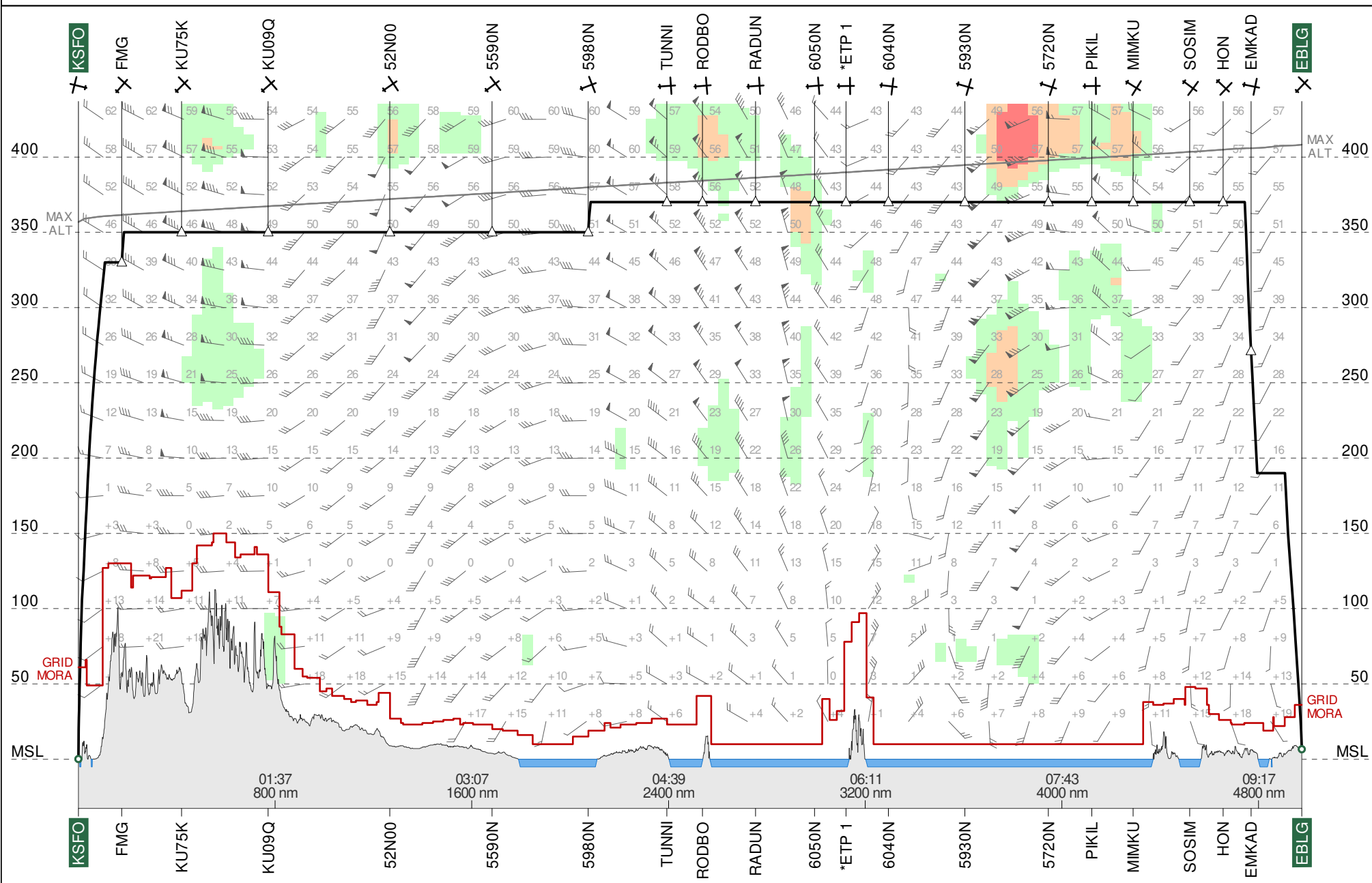
- 1.TMI IS 237 AND OPERATORS ARE REMINDED TO INCLUDE THE NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
- 2.OPERATORS ARE REMINDED THAT ADS-C AND CPDLC ARE MANDATED FOR LEVELS 350-390 IN NAT AIRSPACE.
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK T
TRACK U
TRACK V
END OF PBCS OTS.
- 4.CLEARANCE DELIVERY FREQUENCY ASSIGNMENTS FOR AIRCRAFT OPERATING FROM AVPUT TO TALGO INCLUSIVE:AVPUT TO LIBOR 132.02,
MAXAR TO VESMI 134.2, AVUTI TO JANJO 128.7,KODIK TO TUDEP 135.45,
UMESI TO JOOPY 135.05, MUSAK TO SUPRY 128.45,RAFIN TO TALGO 119.42.
- 5.80% OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT PROCEDURES ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.
- 6.OPERATORS ARE ADVISED THAT VERSION 24 OF THE GANDER DATA LINK OCEANIC CLEARANCE DELIVERY CREW PROCEDURES IS NOW VALID AND AVAILABLE AS NAT OPS BULLETIN 2015-004 ON THE WWW.PARIS.ICAO.INT WEBSITE.
- 7.OPERATORS ARE REMINDED THAT EASTBOUND AIRCRAFT INTENDING TO OPERATE IN THE OTS ARE REQUIRED TO COMPLY WITH NAR FLIGHT PLANNING RULES AS DEFINED IN THE CANADA FLIGHT SUPPLEMENT OR WITH ROUTES AS CONTAINED IN THE DAILY BOSTON ADVISORY.-

END OF PART THREE OF THREE PARTS)

TR213C #1

KSFO → EBLG

ETD 24 Aug 21:55z
PJTGE B77L



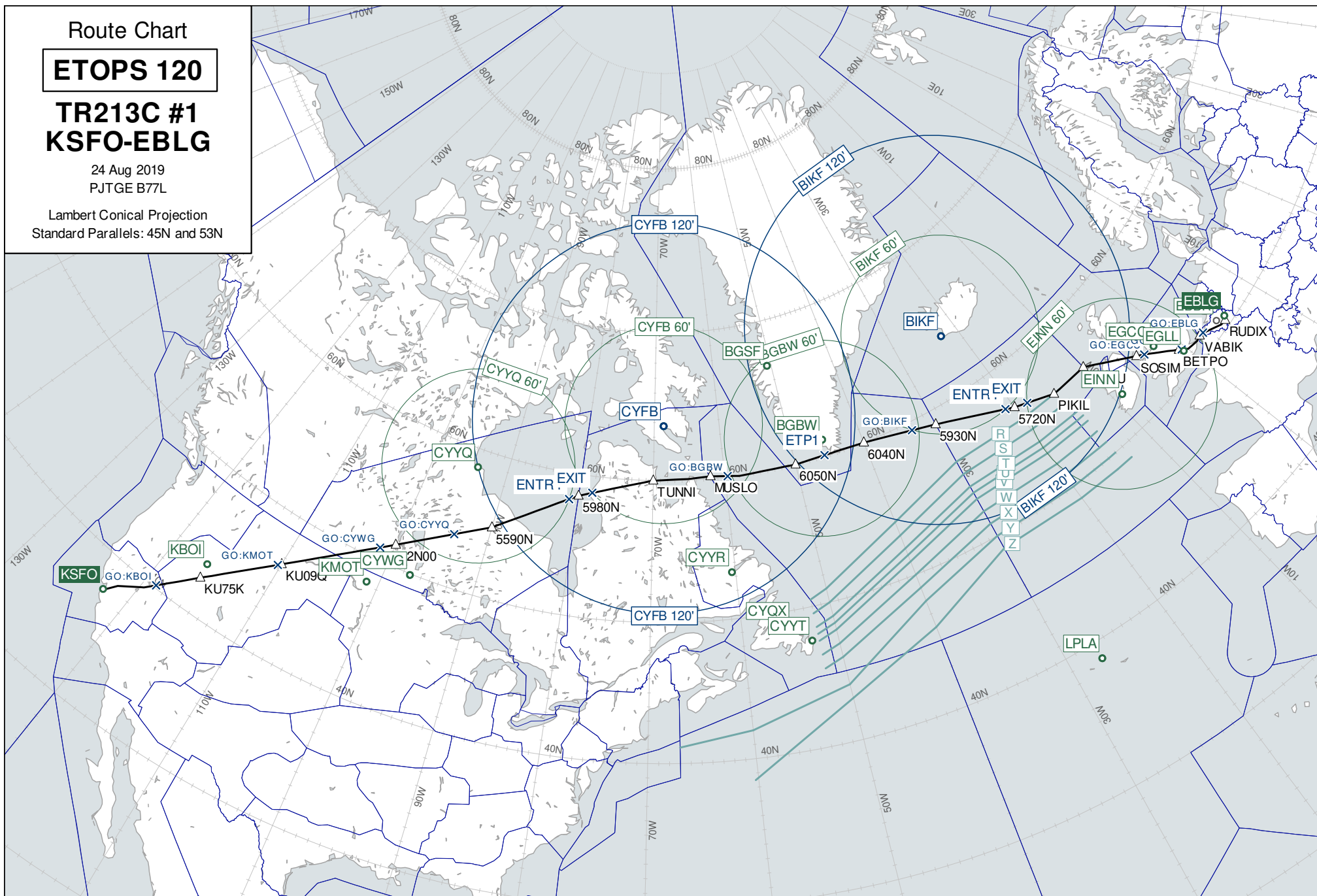
Route Chart

ETOPS 120

TR213C #1
KSFO-EBLG

24 Aug 2019
PJTGE B77L

Lambert Conical Projection
Standard Parallels: 45N and 53N



Wind Chart

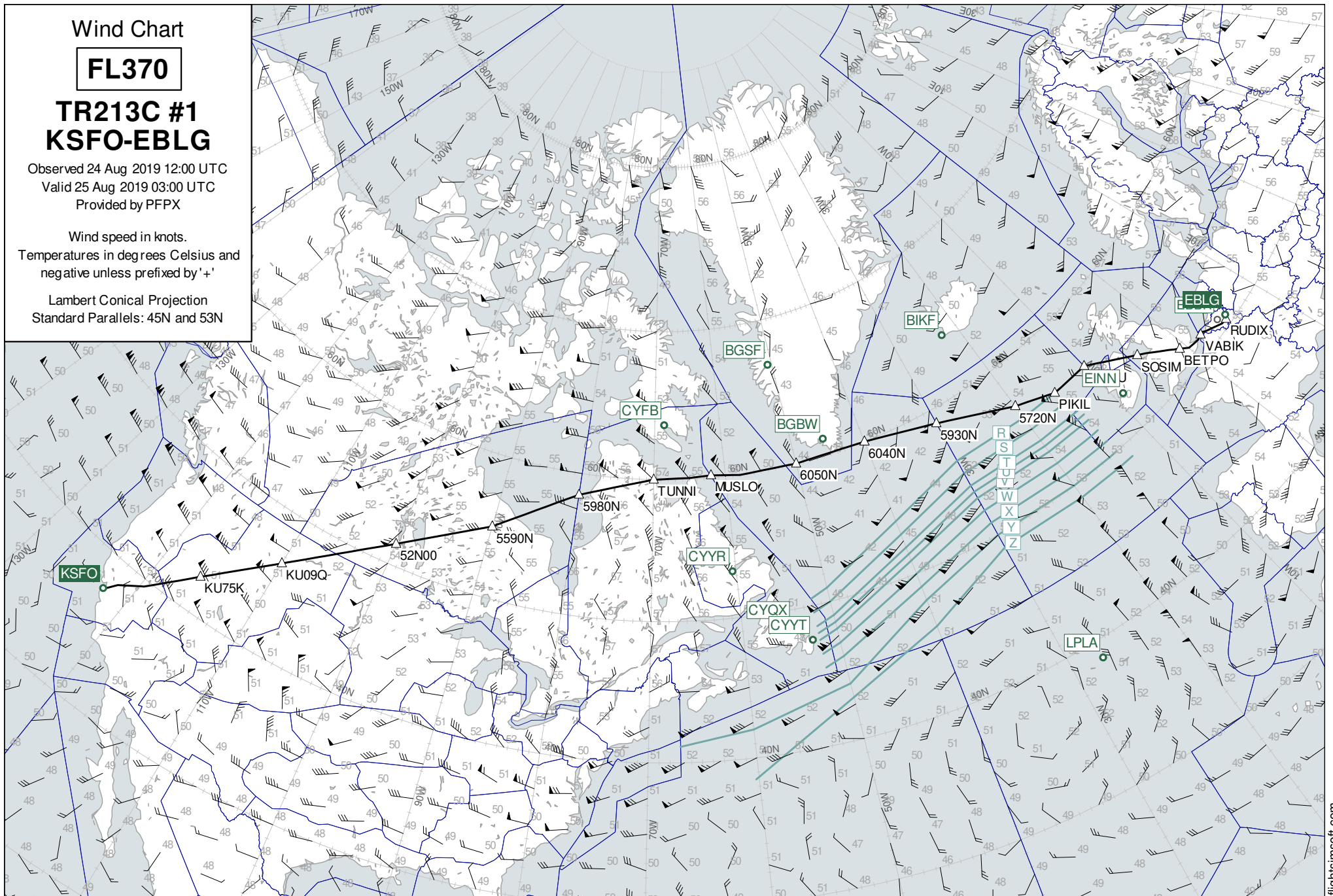
FL370

TR213C #1 KSFO-EBLG

Observed 24 Aug 2019 12:00 UTC
Valid 25 Aug 2019 03:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 45N and 53N



Wind Chart

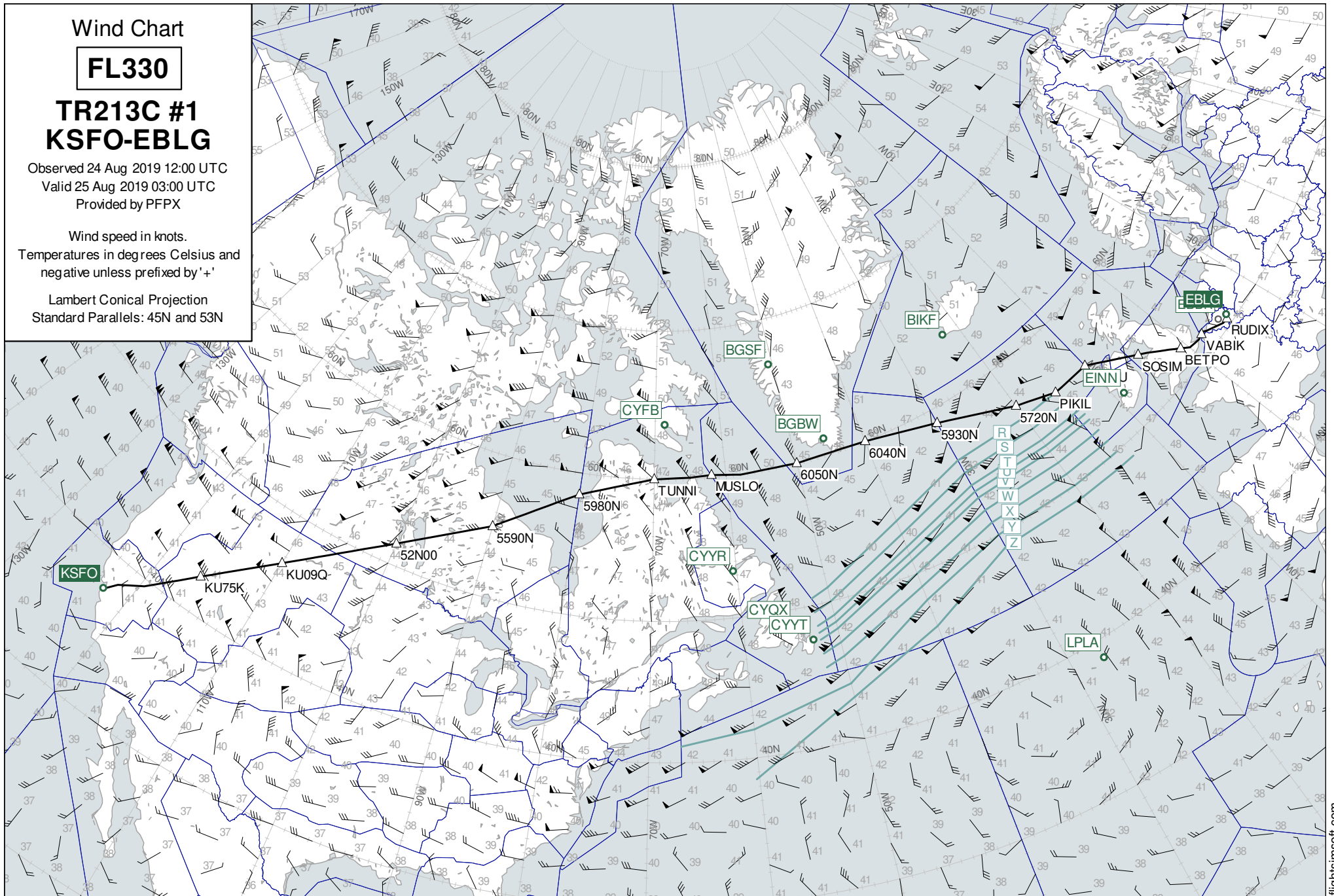
FL330

TR213C #1 KSFO-EBLG

Observed 24 Aug 2019 12:00 UTC
Valid 25 Aug 2019 03:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 45N and 53N



Wind Chart

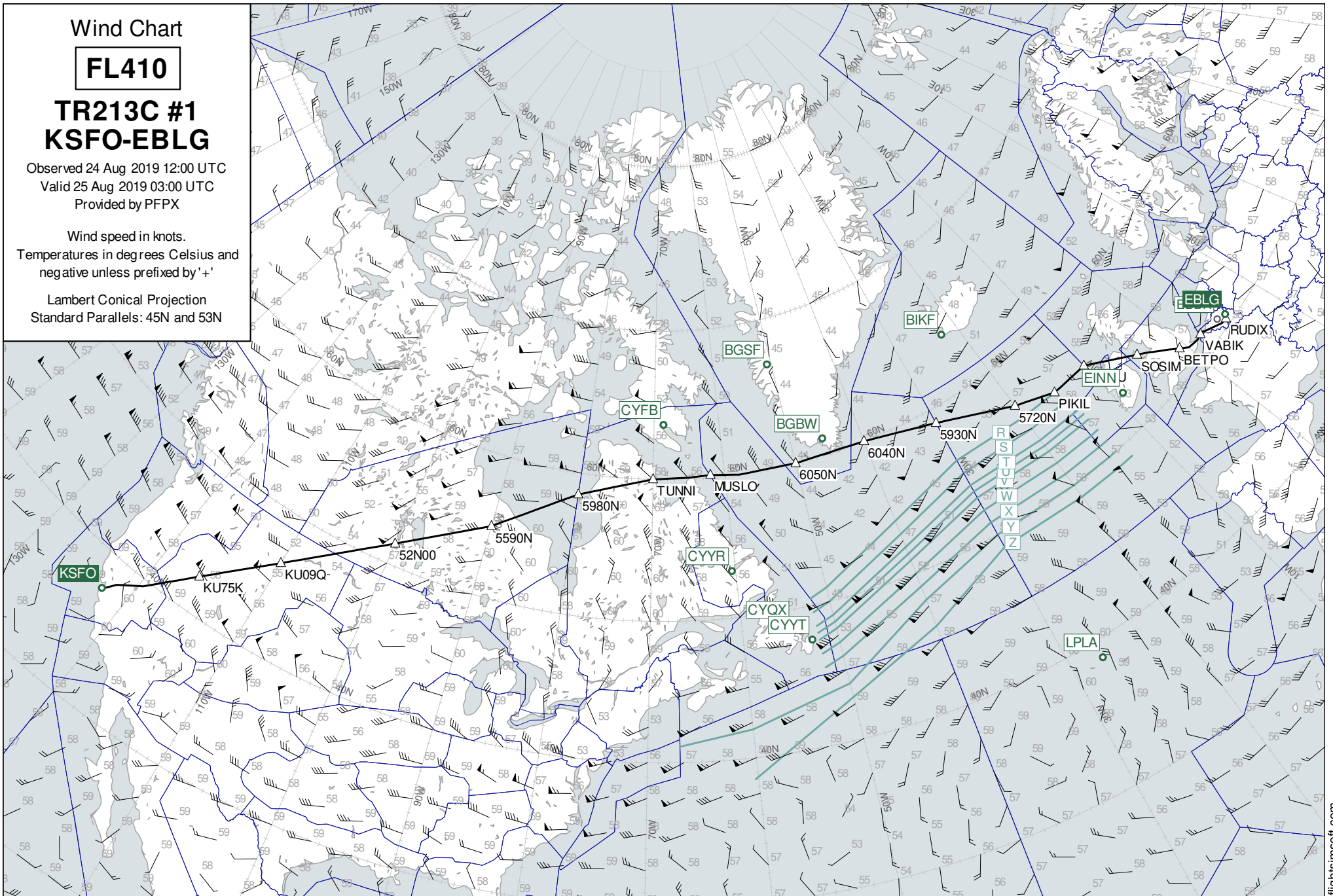
FL410

TR213C #1 KSFO-EBLG

Observed 24 Aug 2019 12:00 UTC
Valid 25 Aug 2019 03:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 45N and 53N



Destination Area

15000

TR213C #1
KSFO-EBLG

Observed 24 Aug 2019 12:00 UTC

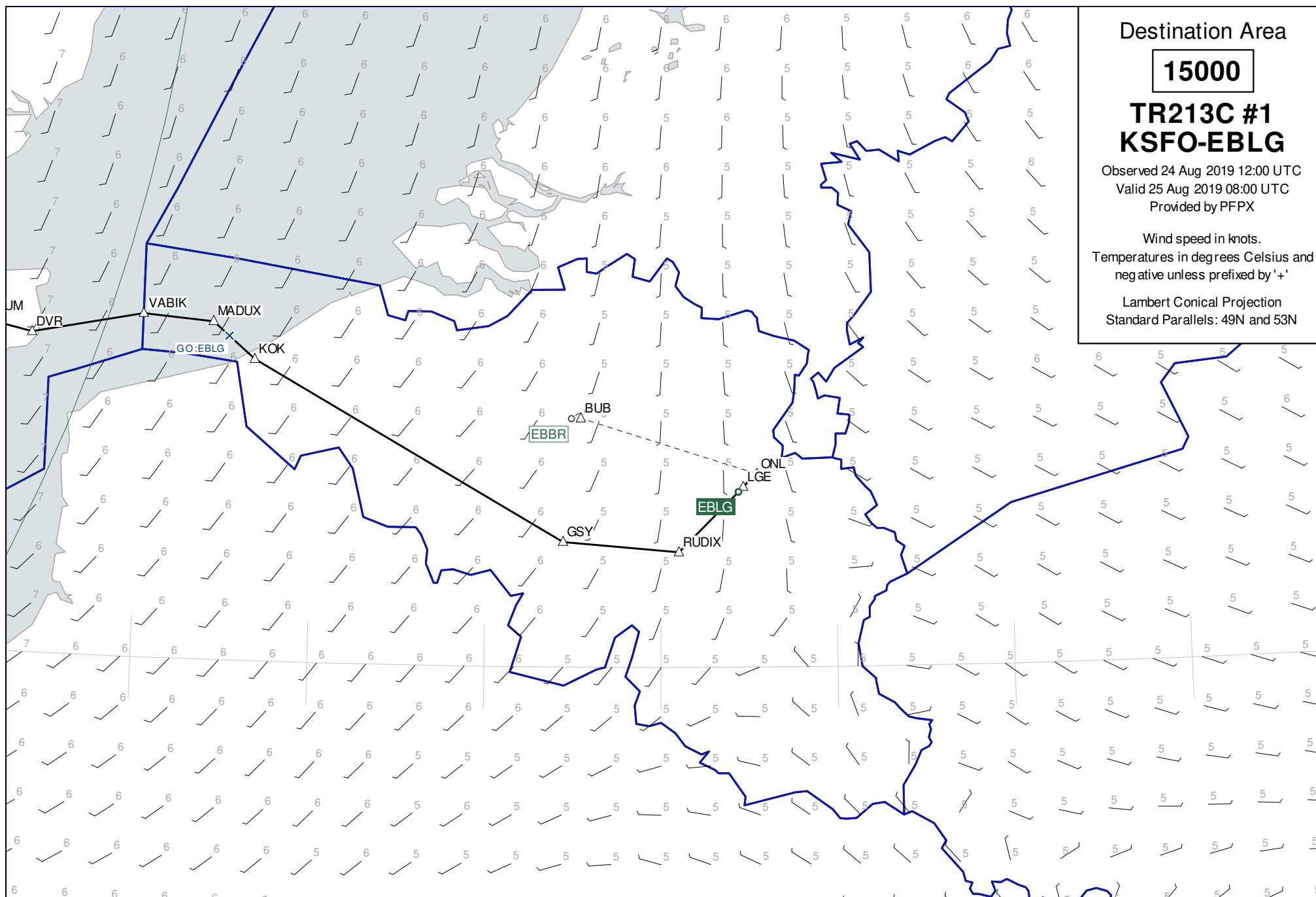
Valid 25 Aug 2019 08:00 UTC

Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection
Standard Parallels: 49N and 53N



Plotting Chart TR213C #1 KSFO-EBLG

24 Aug 2019
PJTGE B77L

Lambert Conical Projection
Standard Parallels: 53N and 56N

