



Tradewind VA



Flight Briefing Package

TCC213D 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 2037 UTC

Fuel Planning (lb)	EU-OPS	Fuel	Time
TRIP		110.692	09:43
CONT 5%		5.535	00:38
HOLD	EBLG	2.891	00:20
ALTN	EBBR	2.538	00:15
FINAL RESV		4.348	00:30
ADD FUEL		2.955	00:12
MIN T/O		128.959	11:38
EXTRA		2.168	00:15
TAXI		795	00:15
RELEASE	KSFO	131.922	12:08
ARR FUEL	EBLG	20.170	02:05

Load Planning (lb)	N78901	Plan	Limit
Empty Weight		288.021	
Payload	251+0 Pax	52.208	
Zero Fuel Weight	Limit	340.229	400.000
Fuel		131.922	218.676
Ramp Weight		472.151	547.000
Take-Off Weight KSFO		471.356	545.000
Landing Weight EBLG		360.664	425.000
Underload		59.771	Lim ZFW
Max Extra Fuel		64.336	Lim CAP

Cost Planning		
Flight Time	09:43\$	48.555
Fuel	111.752\$	41.139
Total		\$ 89.694
Per Pax		\$ 357
Per 10.000 lb Payload		\$ 17.180

TRADEWIND ALASKA FLIGHTPLAN - IFR TCC213D N78901 KSFO-EBLG

ALL WEIGHTS IN POUNDS (LB) STD 24AUG/2200Z

OPF 1 - PREPARED 24AUG/2037Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR213D/TCC213D N78901/B789-1B74-75 SEL/AHBF ROUTE: KSFOEBLG01

DEP: KSFO/SFO 28L ELEV 13 FT COST INDEX: 200 TTL G/C DIST: 4843 NM
ARR: EBLG/LGG 22L ELEV 659 FT INIT ALT: FL350 TTL F/P DIST: 4976 NM
FUEL BIAS: 100.0% TTL AIR DIST: 4697 NM
AVG WIND CMP: TL029 KT

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

Table with columns: CONFIG, DOW, PAX, CARGO, TOTAL, ULOAD LIM, ZFW, TOW, LDW. Rows include STANDARD, MAX, PLN, ACT.

Table with columns: FUEL, CORR, ENDUR. Rows include TRIP, CONT 5%, ALTN EBBR, FINAL RESV, HOLD, ADD FUEL, MIN T/O, EXTRA, TAXI, RELEASE, ARR FUEL. Includes CAPTAINS SIGNATURE and I ACCEPT THIS OPF AND I AM FAMILIAR WITH THE PLANNED ROUTE AND AERODROMES.

FUEL TANK CAP 218676 LB / MAX EXTRA FUEL 66504 LB LIM BY CAPACITY
TRIP CORR FOR 10000 LB TOW INCR: +1801 LB / 10000 LB TOW DECR: -1684 LB
2000 FT LOWER: +2132 LB / EET 09:38 CLB: 250/310/85 DES: 85/310/250

KSFO STD 22:00Z/15:00L ETD 22:00Z ACT OFBL EST T/O 22:15Z ACT T/O
EBLG STA 08:30Z/10:30L ETA 08:03Z ACT ONBL EST LDG 07:58Z ACT LDG
SKD 10:30 PLN 10:03 TTL BLCK EST FLT 09:43 TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

CYFB (06:05-06:31)
BIKF (06:05-06:31)

ONE ENG OUT ETP 1 FOR CYFB/BIKF N60 04.6 W047 10.5 EET 05:56
1EO 85/310/250 DESC TO FL249 CRUISE AT 1EOLRC 215 NM BEFORE 6040N
PLN FUEL OVER ETP 57847 ETP FUEL REQ 23322 DIV TIME 01:55
ETP TO CYFB (N63 45.4 W068 33.4) DIST 640 NM WC HD048 TT 299
ETP TO BIKF (N63 59.1 W022 36.3) DIST 726 NM WC HD002 TT 061

ONE ENG OUT DECMP ETP 1 FOR CYFB/BIKF N60 05.6 W045 39.4 EET 06:01
1EO 90/360 DESC TO FL100 CRUISE AT 1EOLRC 170 NM BEFORE 6040N
PLN FUEL OVER ETP 56879 ETP FUEL REQ 25816 DIV TIME 02:15
ETP TO CYFB (N63 45.4 W068 33.4) DIST 680 NM WC HD020 TT 299
ETP TO BIKF (N63 59.1 W022 36.3) DIST 686 NM WC HD016 TT 060

ALL ENG DECOMP ETP 1 FOR CYFB/BIKF N60 05.6 W045 39.4 EET 06:01
 90/360 DESC TO FL100 CRUISE AT LRC 170 NM BEFORE 6040N
 PLN FUEL OVER ETP 56879 ETP FUEL REQ 25827 DIV TIME 02:09
 ETP TO CYFB (N63 45.4 W068 33.4) DIST 680 NM WC HD020 TT 299
 ETP TO BIKF (N63 59.1 W022 36.3) DIST 686 NM WC HD016 TT 060

ATC ROUTE: N0501F350 TRUKN2 ORRCA DCT FMG DCT KU75K/N0493F370 DCT KU09Q DCT
 5130N10000W 55N090W 5830N08000W DCT TUNNI DCT RODBO DCT
 MUSLO/N0491F390 DCT RADUN DCT 60N050W/M085F390 60N040W/N0505F390
 59N030W/M085F390 57N020W DCT PIKIL DCT SOVED DCT MIMKU/N0492F390 DCT
 SOSIM UL15 BETPO/N0499F350 UL15 BIG/N0474F190 L9 DVR M140 VABIK Q70
 KOK KOK5D

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
EBBR/25R	54	FL080	036	TL002	00:15	2538	-	ONL DCT BUB

MOST CRITICAL MORA 15000 FT AT KU09Q

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA	FREQ ISA WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	KSFO/28L SAN FRANCISCO INTL		13	061				131.1 / 0.8 N3736.7 W12221.6/.....	
TRUKN2	TRUKN	034	*CLB	061	P17 215/007		12 4963	128.9 / 3.0 N3743.1 W12212.9	04 00.04/.....	
TRUKN2	HYPEE	022	*CLB	061	P18 229/004		12 4951	127.7 / 4.2 N3752.8 W12204.1	02 00.06/.....	
TRUKN2	ORRCA	022	*CLB	066	P18 292/013		42 4909	125.0 / 6.9 N3826.6 W12133.1	06 00.12/.....	
DCT	*TOC	040	FL350	130	P09 305/030	501 104 510 4806		120.7 / 11.2 N3928.3 W11945.8	13 00.25/.....	
DCT	FMG MUSTANG RENO	041	FL350	130	P09 305/031	117.90 501 6 510 4799		120.6 / 11.3 N3931.9 W11939.4	00 00.25/.....	
	KBOI	028	FL350	130	P09 286/034		53 4747	119.3 / 12.6 N4011.1 W11853.4	07 00.32/.....	
DCT -KZLC	*BDRY	029	FL350	122	P09 300/042	502 26 507 4721		118.7 / 13.3 N4030.3 W11830.5	03 00.35/.....	
DCT	KU75K	029	*CLB	127	P08 296/081		165 4556	114.7 / 17.2 N4230.0 W11600.0	19 00.54/.....	
	KMOT	032	FL370	150	P07 287/090		336 4220	106.9 / 25.0 N4620.0 W11016.7	38 01.32/.....	
DCT	KU09Q	037	FL370	136	P05 273/050	493 16 528 4204		106.6 / 25.3 N4630.0 W11000.0	02 01.34/.....	
DCT -CZWG	*BDRY	038	FL370	111	P04 230/048	492 237 540 3967		101.4 / 30.5 N4900.0 W10527.9	27 02.01/.....	

CYWG 043 FL370 047 189 97.3 / 34.6 21 02.22
P04 197/054 3778 N5051.6 W10130.8/.....

----- OCEANIC ENTRY -----

[] LR NAV ACCUR CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
[] RVSM ALTIMETER CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
[] COMPASS HDG CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
[] HF CHECK AT ___:___Z SIGNATURE (.....) _____

DCT 52N00 049 FL370 044 490 69 95.9 / 36.1 08 02.30
5130N10000W P02 203/053 535 3709 N5130.0 W10000.0/.....

CYVQ 051 FL370 027 250 90.6 / 41.3 28 02.58
P02 224/044 3459 N5342.5 W09410.6/.....

DCT 5590N 061 FL370 027 491 166 87.1 / 44.8 18 03.16
55N090W P02 249/041 533 3293 N5500.0 W09000.0/.....

CYFB 058 FL370 020 364 79.5 / 52.5 41 03.57
P01 267/045 2929 N5817.7 W08043.2/.....

DCT 5980N 077 FL370 019 491 26 78.9 / 53.0 03 04.00
-CZUL 5830N0800W P01 275/044 528 2902 N5830.0 W08000.0/.....

DCT TUNNI 086 FL370 027 490 320 72.3 / 59.7 37 04.37
M00 312/067 526 2582 N6000.0 W07000.0/.....

DCT RODBO 109 FL370 042 491 145 69.3 / 62.6 16 04.53
P01 322/080 537 2437 N6005.0 W06510.0/.....

DCT *BDRY 110 FL370 042 493 91 67.4 / 64.5 10 05.03
-CZQX P03 324/071 531 2346 N6009.9 W06207.5/.....

DCT MUSLO 113 *CLB 010 4 67.4 / 64.6 01 05.04
P03 324/071 2342 N6010.0 W06200.0/.....

BGBW 119 FL390 010 75 65.7 / 66.2 08 05.12
P06 324/072 2267 N6003.4 W05929.6/.....

DCT RADUN 121 FL390 010 493 45 64.7 / 67.2 06 05.18
P05 330/053 524 2222 N5958.0 W05800.0/.....

DCT *BDRY 110 FL390 010 500 193 60.7 / 71.3 22 05.40
-BGGL P12 338/036 514 2029 N6001.9 W05134.1/.....

DCT 6050N 115 FL390 010 502 47 59.7 / 72.3 06 05.46
60N050W P12 336/028 515 1981 N6000.0 W05000.0/.....

*ETP 1 109 FL390 078 504 130 56.9 / 75.0 15 06.01
CYFB/BIKF P14 297/013 515 1851 N6005.6 W04539.4/.....

DCT *BDRY 111 FL390 097 505 117 54.4 / 77.5 13 06.14
-CZQX P14 233/013 516 1734 N6003.3 W04145.1/.....

DCT 6040N 113 FL390 010 505 53 53.3 / 78.6 07 06.21
60N040W P14 219/017 515 1681 N6000.0 W04000.0/.....

BIKF 117 FL390 010 208 48.9 / 83.0 24 06.45
P15 218/028 1473 N5924.8 W03313.6/.....

DCT 5930N 119 FL390 010 503 103 46.8 / 85.1 11 06.56

-EGGX	59N030W			P12	221/058	526	1370	N5900.0	W03000.0/.....
DCT	5720N	121	FL390	010		488	340	40.3 / 91.6	38	07.34
	57N020W			M01	263/081	554	1030	N5700.0	W02000.0/.....
	EINN	117	FL390	010			25	39.9 / 92.0	03	07.37
				P02	243/079		1005	N5652.1	W01915.8/.....
DCT	PIKIL	118	FL390	010		489	151	37.2 / 94.8	16	07.53
				M01	297/064	553	854	N5600.0	W01500.0/.....
DCT	SOVED	097	FL390	010		489	34	36.5 / 95.4	04	07.57
				M01	304/060	540	820	N5600.0	W01400.0/.....
DCT	MIMKU	095	FL390	010		492	134	34.0 / 97.9	15	08.12
-EGPX				P01	311/039	522	686	N5600.0	W01000.0/.....
DCT	*BDRY	127	FL390	038		492	73	32.6 / 99.3	08	08.20
-EISN				P01	314/024	522	613	N5520.3	W00812.2/.....
DCT	*BDRY	128	FL390	038		492	35	31.9 / 100.0	04	08.24
-EGPX				P00	315/016	515	578	N5500.5	W00721.3/.....
DCT	*BDRY	128	FL390	040		491	79	30.3 / 101.6	10	08.34
-EGTT				M01	265/008	501	499	N5414.8	W00529.9/.....
DCT	SOSIM	129	FL390	048		491	44	29.5 / 102.5	05	08.39
				M01	227/014	494	455	N5348.9	W00430.5/.....
UL15	GIGTO	129	FL390	048		491	18	29.1 / 102.8	02	08.41
				M01	221/017	494	437	N5338.0	W00405.9/.....
UL15	MALUD	129	FL390	048		491	22	28.7 / 103.3	03	08.44
				M01	218/018	492	415	N5324.8	W00336.5/.....
UL15	EPOXI	133	FL390	047		491	7	28.5 / 103.4	01	08.45
				M01	217/017	490	408	N5320.0	W00327.3/.....
	EGCC	133	FL390	047			5	28.4 / 103.5	01	08.46
				M01	222/009		403	N5316.5	W00320.6/.....
UL15	AMPIT	133	FL390	047		491	7	28.2 / 103.7	00	08.46
				M02	216/016	489	395	N5311.7	W00311.6/.....
UL15	RISLA	133	FL390	047		491	15	27.9 / 104.0	02	08.48
				M02	215/014	489	380	N5301.9	W00253.2/.....
UL15	KEPAD	133	FL390	036		491	20	27.5 / 104.4	03	08.51
				M01	213/013	489	361	N5248.6	W00228.7/.....
UL15	HON	133	FL390	030	113.65	491	40	26.7 / 105.2	05	08.56
	HONILEY			M01	213/012	489	320	N5221.4	W00139.8/.....
UL15	PIXUP	135	FL390	026		492	28	26.1 / 105.8	03	08.59
				M01	217/012	490	292	N5201.9	W00106.7/.....
UL15	FINMA	135	FL390	026		492	3	26.1 / 105.8	00	08.59
				M01	217/012	490	289	N5159.8	W00103.2/.....
UL15	BETPO	135		*DES	024		17	25.7 / 106.2	03	09.02
				M01	217/012		272	N5147.9	W00043.5/.....
	EGLL	135		*DES	023		12	25.7 / 106.2	01	09.03
				P04	204/012		260	N5139.2	W00029.1/.....

UL15	BIG BIGGIN	135	*DES 024 115.10 P04 208/013	28 232	25.1 / 106.8 N5119.9 E00002.1	03 09.06/.....	
L9	DIKVU	101	*DES 024 P04 203/014	11 221	25.0 / 106.9 N5117.8 E00019.0	02 09.08/.....	
L9	EMKAD	101	*DES 024 P06 203/014	15 206	25.0 / 107.0 N5114.8 E00042.6	02 09.10/.....	
L9	UMTUM	101	*DES 024 P07 206/013	12 194	24.9 / 107.0 N5112.5 E00101.1	01 09.11/.....	
L9	DVR DOVER	102	*DES 024 114.95 P08 207/012	13 181	24.9 / 107.1 N5109.8 E00121.6	02 09.13/.....	
M140 -EBBU	VABIK	078	FL190 024 P08 209/010	474 482	25 157	24.1 / 107.8 N5114.8 E00200.0	03 09.16/.....
Q70	MADUX	094	FL190 019 P09 212/010	475 480	15 141	23.7 / 108.3 N5113.6 E00224.5	02 09.18/.....
	EBLG	130	FL190 019 P08 230/010	5 136	23.5 / 108.4 N5110.3 E00230.7	01 09.19/.....	
Q70	KOK KOKSY	130	FL190 019 114.50 P09 215/010	477 475	7 129	23.3 / 108.7 N5105.7 E00239.1	01 09.20/.....
KOK5D	*TOD	118	FL190 028 P09 225/008	477 479	62 67	21.3 / 110.6 N5035.2 E00404.9	07 09.27/.....
KOK5D	GSY GOSLY CHARLEROI	119	*DES 028 115.70 P09 208/004	16 51	21.2 / 110.7 N5027.2 E00426.5	03 09.30/.....	
KOK5D	RUDIX	093	*DES 036 P09 140/002	25 25	21.0 / 110.9 N5025.1 E00506.1	04 09.34/.....	
KOK5D	LGE LIEGE	043	*DES 036 115.45 P09 119/002	20 5	20.7 / 111.2 N5039.2 E00528.2	05 09.39/.....	
KOK5D	EBLG/22L LIEGE	224	659 036	5	20.4 / 111.5 N5038.9 E00527.7	04 09.43/.....	

WIND INFORMATION - OBS 24/AUG 12:00

(CLIMB)				FMG				KU09Q				52N00			
FL340	301/021	-43		FL390	302/032	-56		FL410	271/046	-54		FL410	212/048	-58	
FL270	302/019	-24		FL370	304/032	-51		FL390	272/047	-54		FL390	204/055	-59	
FL200	284/011	-7		FL350	305/031	-46		FL370	273/051	-52		FL370	203/053	-55	
13000	239/009	+7		FL330	306/030	-40		FL350	275/055	-50		FL350	204/049	-50	
6000	228/009	+21		FL310	304/028	-35		FL330	276/055	-46		FL330	205/046	-45	
5590N				5980N				TUNNI				RODBO			
FL410	249/040	-60		FL410	282/043	-60		FL410	312/059	-58		FL410	321/064	-56	
FL390	250/043	-59		FL390	276/045	-60		FL390	312/067	-60		FL390	321/075	-57	
FL370	250/042	-55		FL370	276/045	-56		FL370	312/068	-57		FL370	322/080	-55	
FL350	248/040	-50		FL350	276/044	-51		FL350	312/066	-52		FL350	324/084	-52	
FL330	247/039	-44		FL330	276/042	-46		FL330	312/064	-47		FL330	325/083	-48	
RADUN				6050N				6040N				5930N			
FL430	332/042	-49		FL430	330/022	-45		FL430	230/019	-43		FL430	225/049	-46	
FL410	331/047	-50		FL410	333/025	-44		FL410	226/019	-43		FL410	223/054	-45	
FL390	331/054	-51		FL390	336/029	-44		FL390	220/018	-43		FL390	222/058	-45	
FL370	331/058	-51		FL370	337/035	-45		FL370	218/015	-45		FL370	219/061	-44	
FL350	330/061	-51		FL350	338/042	-45		FL350	217/011	-47		FL350	216/064	-44	
5720N				PIKIL				MIMKU				SOSIM			
FL430	259/059	-57		FL430	289/045	-58		FL430	289/026	-56		FL430	241/013	-56	
FL410	261/070	-57		FL410	294/054	-58		FL410	302/032	-56		FL410	234/013	-57	
FL390	263/082	-58		FL390	297/065	-58		FL390	312/039	-56		FL390	228/014	-57	
FL370	262/081	-54		FL370	298/063	-54		FL370	315/040	-53		FL370	222/016	-55	
FL350	259/077	-49		FL350	299/058	-49		FL350	317/039	-50		FL350	217/019	-51	
HON				VABIK				(DESCENT)							
FL430	227/014	-56		FL230	205/014	-23		FL250	205/009	-27					
FL410	221/013	-57		FL210	207/013	-19		FL200	196/007	-15					
FL390	213/013	-58		FL190	210/011	-14		FL150	188/005	-5					
FL370	212/012	-55		FL170	209/010	-10		FL100	175/004	+5					
FL350	212/011	-51		FL150	206/009	-6		FL050	150/008	+13					

END FLIGHTPLAN 03402 TCC213D N78901 KSFO-EBLG 24AUG2019

[ATC FLIGHTPLAN]

(FPL-TCC213D-IS
-B789/H-SABDE1FGHIJ2J3J4J5KP1P2P3RWXYZ/HB2U2V2D1G1
-KSFO2200
-N0501F350 TRUKN2 ORRCA DCT FMG DCT KU75K/N0493F370 DCT KU09Q
DCT 5130N10000W 55N090W 5830N08000W DCT TUNNI DCT RODBO DCT
MUSLO/N0491F390 DCT RADUN DCT 60N050W/M085F390 60N040W/N0505F390
59N030W/M085F390 57N020W DCT PIKIL DCT SOVED DCT MIMKU/N0492F390
DCT SOSIM UL15 BETPO/N0499F350 UL15 BIG/N0474F190 L9 DVR M140
VABIK Q70 KOK
-EBLG0943 EBBR
-PBN/A1B1C1D1L101S1 NAV/RNVD1E1A1 DOF/190824 REG/N78901
EET/KZLC0035 CZWG0201 CZUL0400 CZQX0503 BGG0540 60N050W0546
CZQX0614 60N040W0621 EGGX0656 57N020W0734 EGPX0812 EISN0820
EGPX0824 EGGT0834 EBBU0916
SEL/AHBF CODE/AAB467 RVR/75 OPR/TRADEWIND ALASKA
ORGN/PANCTAAP PER/D
RALT/BIKF CYFB
RMK/TCAS
-E/1153)

[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/UAQ (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:

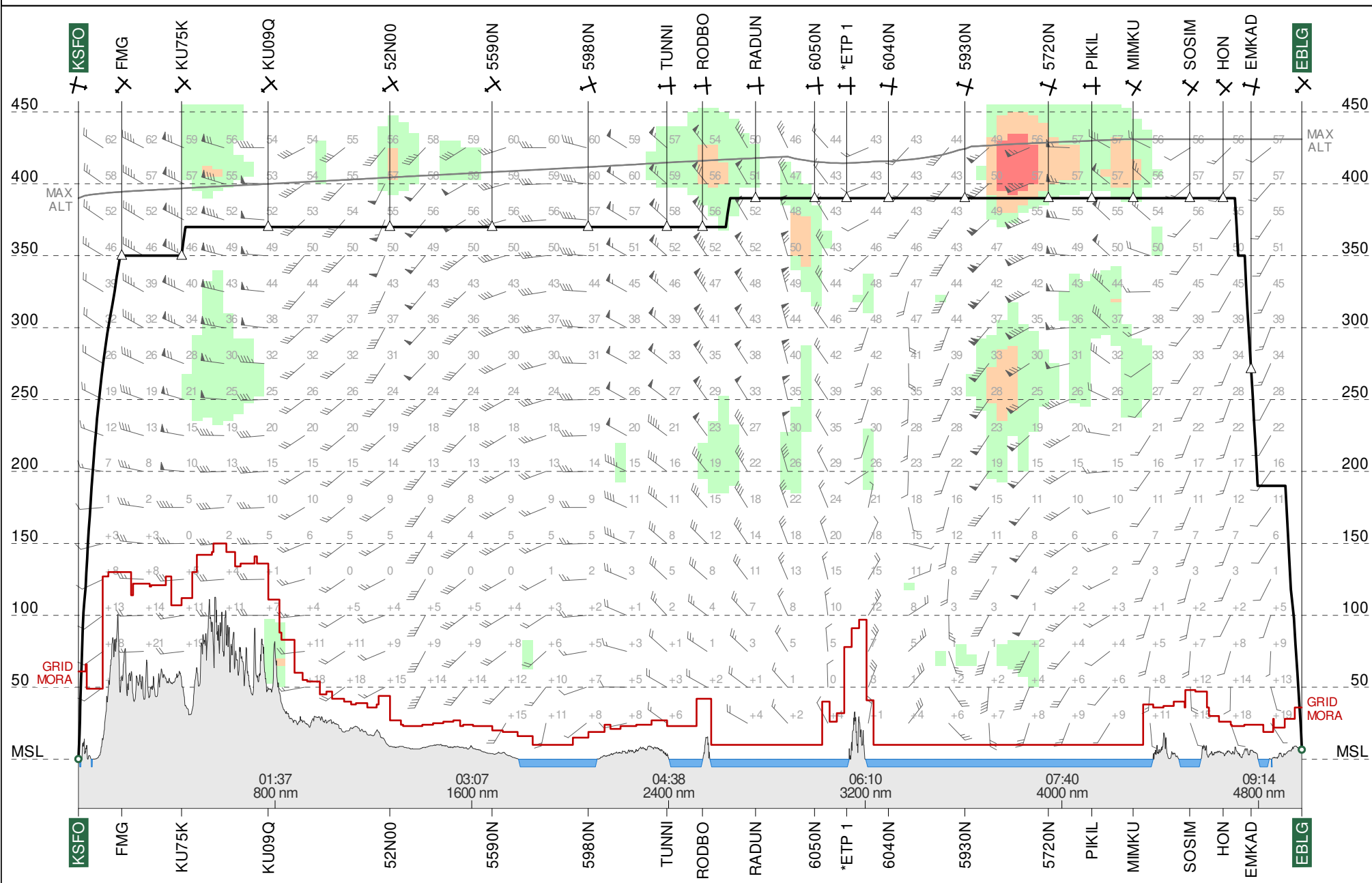
- 1.TMI IS 237 AND OPERATORS ARE REMINDED TO INCLUDE THE NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
- 2.OPERATORS ARE REMINDED THAT ADS-C AND CPDLC ARE MANDATED FOR LEVELS 350-390 IN NAT AIRSPACE.
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACK T
TRACK U
TRACK V
END OF PBCS OTS.
- 4.CLEARANCE 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)

TR213D #1

KSFO → EBLG

ETD 24 Aug 22:00z
N78901 B789



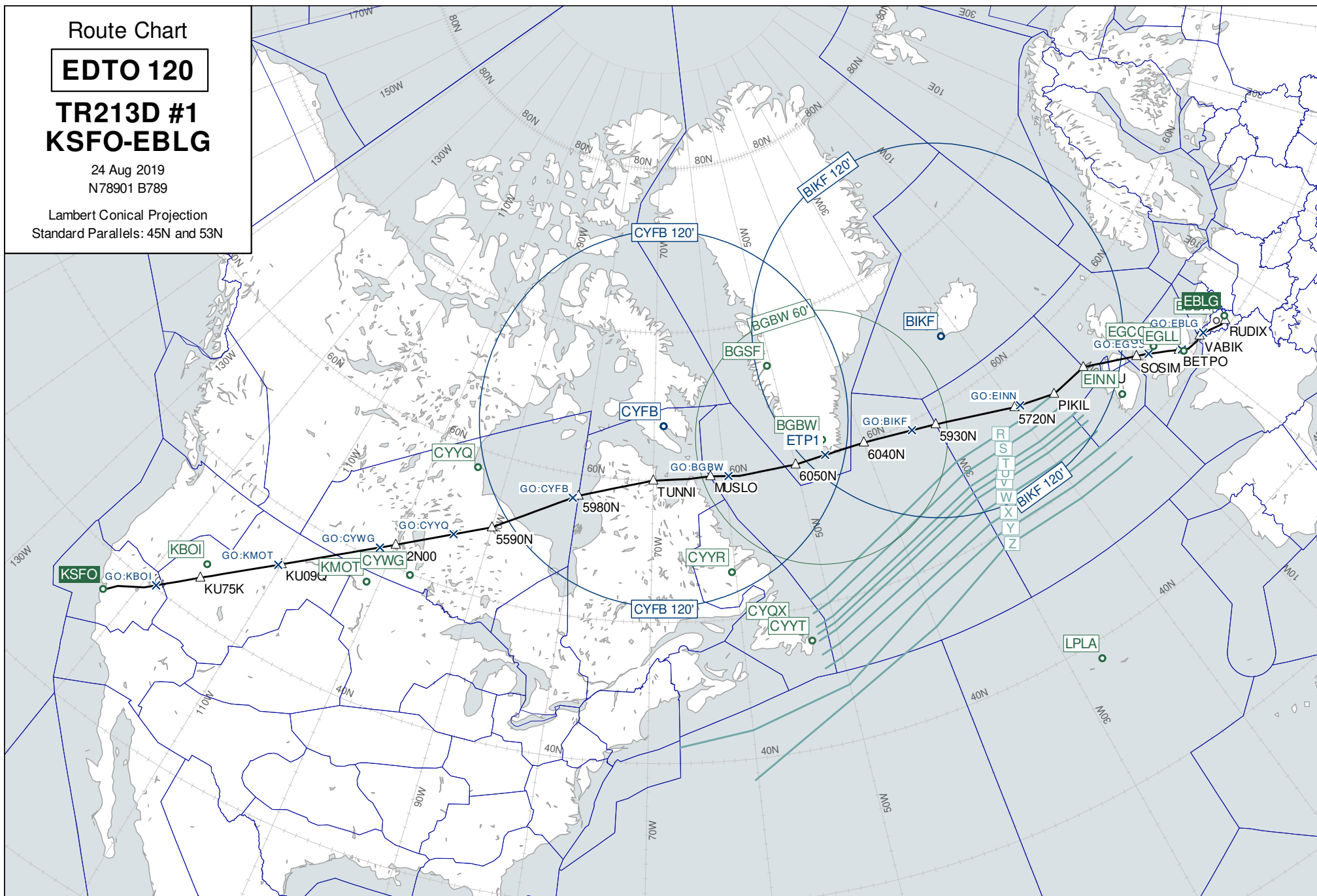
Route Chart

EDTO 120

**TR213D #1
KSFO-EBLG**

24 Aug 2019
N78901 B789

Lambert Conical Projection
Standard Parallels: 45N and 53N



Wind Chart

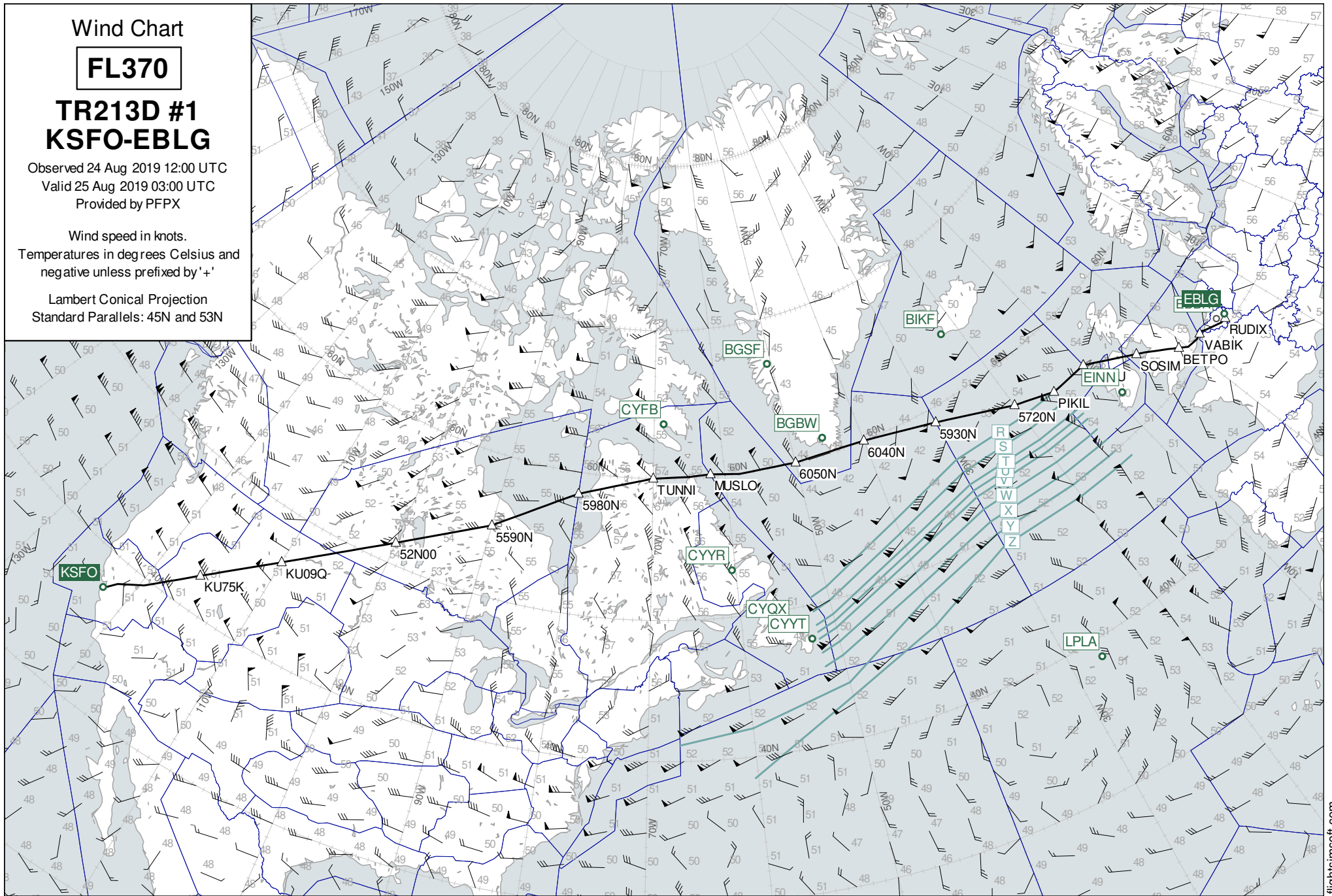
FL370

TR213D #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

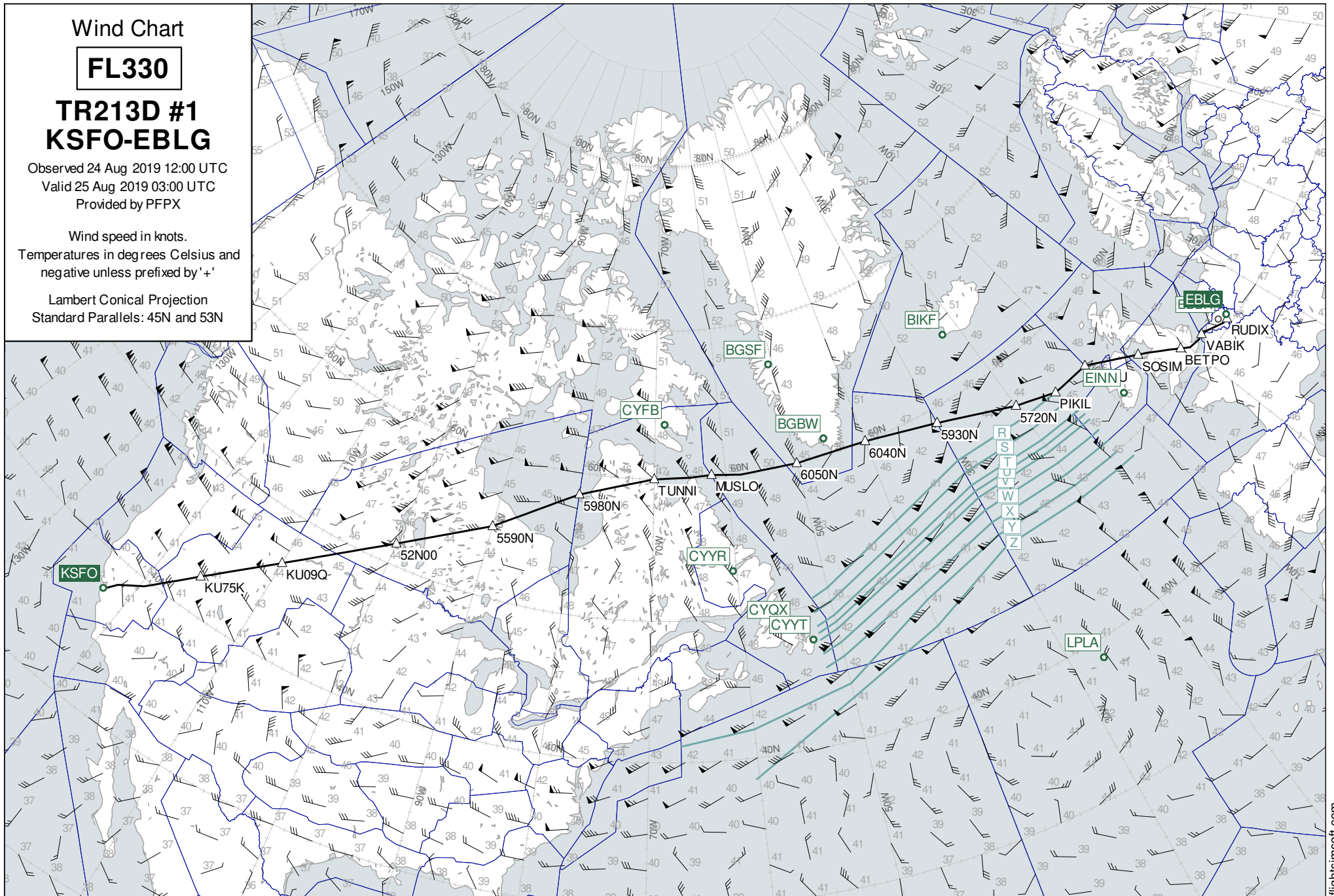
FL330

TR213D #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

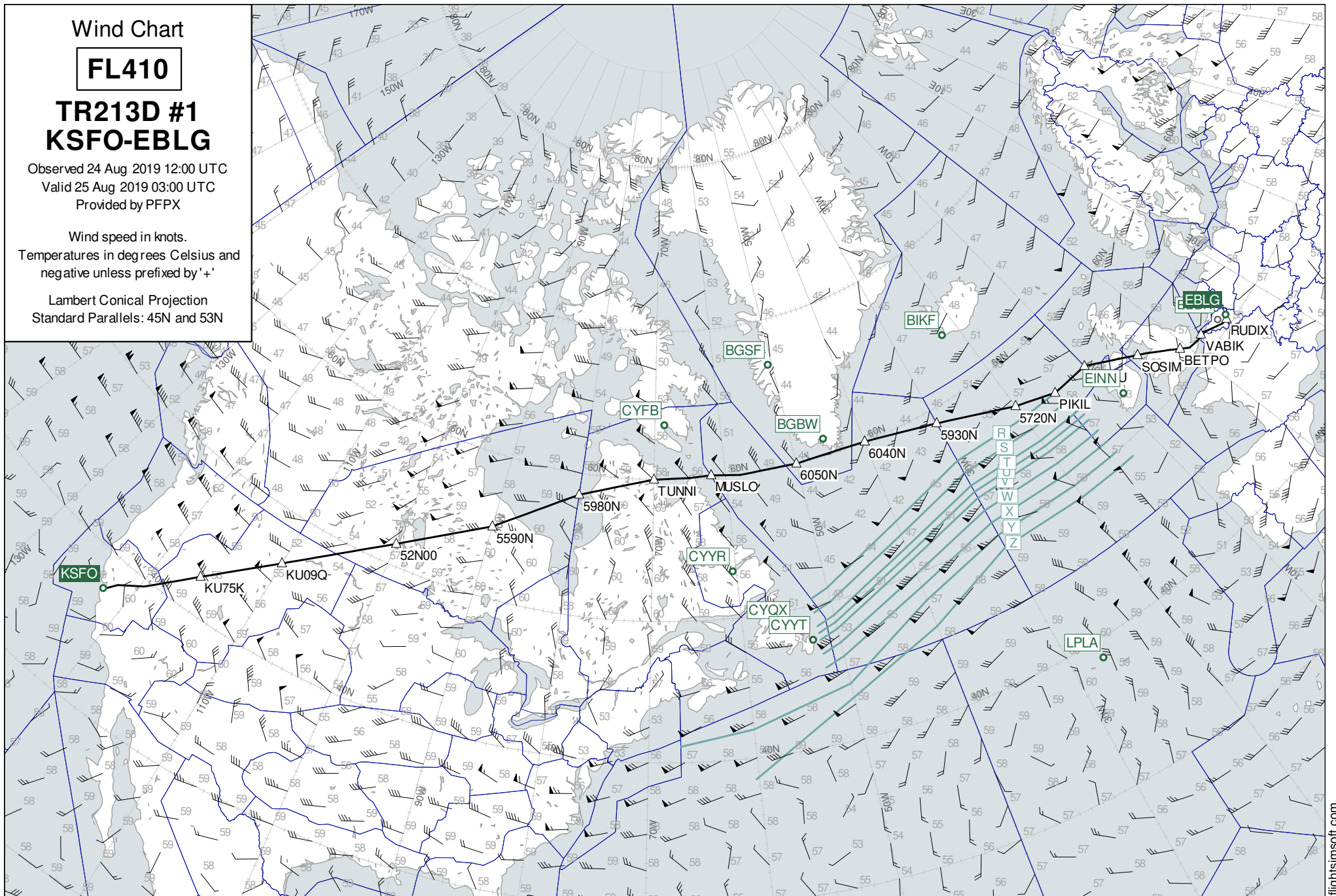
FL410

TR213D #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

**TR213D #1
KSFO-EBLG**

Observed 24 Aug 2019 12:00 UTC

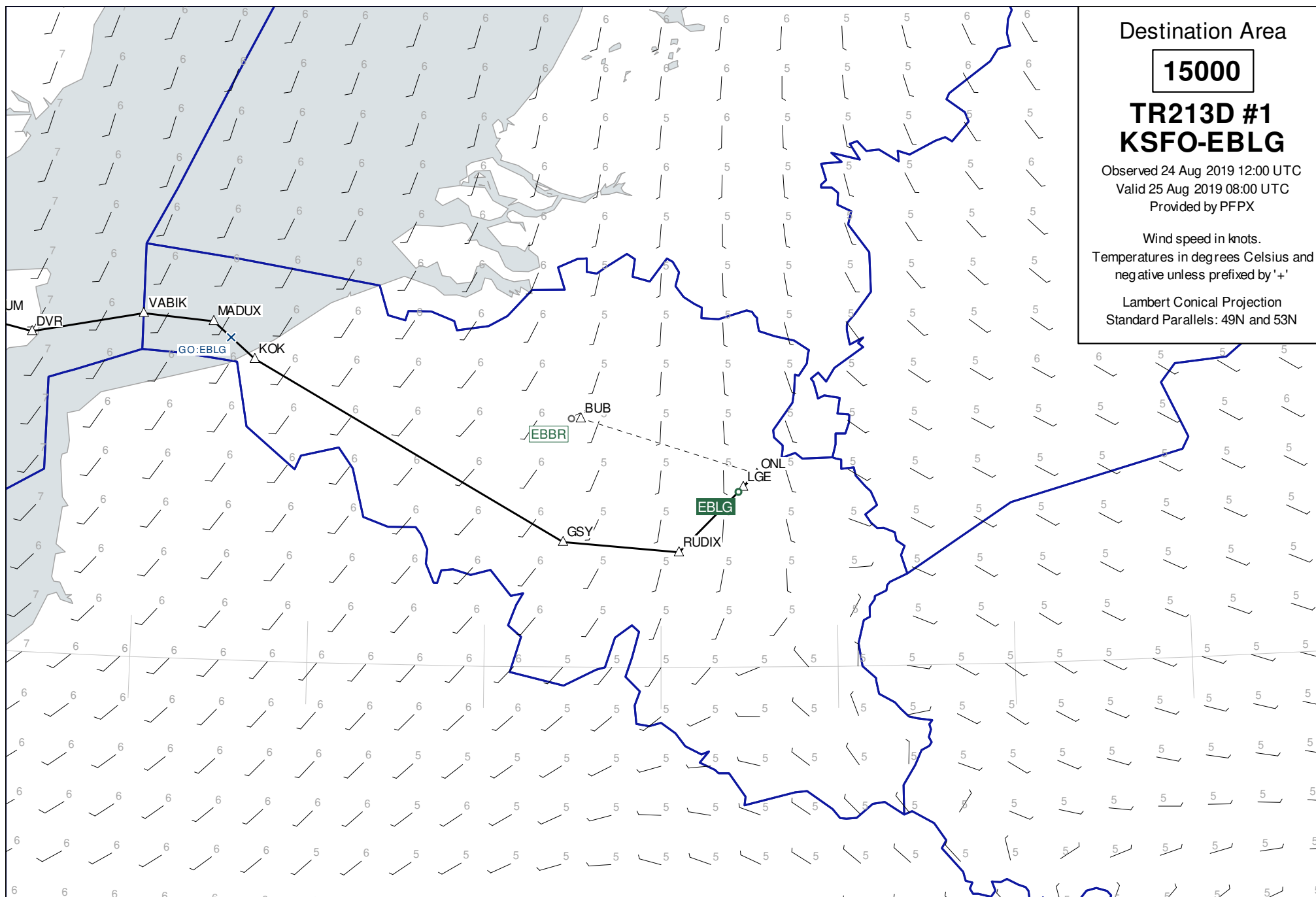
Valid 25 Aug 2019 08:00 UTC

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 TR213D #1 KSFO-EBLG

24 Aug 2019
N78901 B789

Lambert Conical Projection
Standard Parallels: 53N and 56N

