



Tradewind VA



Flight Briefing Package

TCC314B LIMC-KSFO

08-Sep-2019 #1

RELEASE #1

MALPENSA

(ITALY)

-

SAN FRANCISCO INTL

(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

08 SEP 1515 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		80.863	11:41
CONT 5%		4.043	00:41
HOLD	KSFO	1.981	00:20
ALTN	KOAK	1.115	00:08
FINAL RESV		2.972	00:30
ADD FUEL		1.185	00:12
MIN T/O		92.159	13:32
EXTRA		1.486	00:15
TAXI		832	00:16
RELEASE	LIMC	94.477	14:03
ARR FUEL	KSFO	12.574	02:02

Load Planning (kg)	PJTGD	Plan	Limit
Empty Weight		156.146	
Payload	263+0 Pax	24.722	
Zero Fuel Weight		180.868	209.106
Fuel		94.477	162.613
Ramp Weight		275.345	348.359
Take-Off Weight LIMC	Limit	274.513	280.148
Landing Weight KSFO		193.650	223.167
Underload		5.635	Lim TOW

Cost Planning			
Flight Time	11:41\$	63.866	
Fuel	81.903\$	125.675	
Delay	00:40\$	1.911	
Total		\$ 191.452	
Per Pax		\$ 728	
Per 3.000 kg Payload		\$ 23.233	

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC314B PJTGD LIMC-KSFO

ALL WEIGHTS IN KILOGRAMS (KG) STD 08SEP/1850Z

OPF 1 - PREPARED 08SEP/1515Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR314B/TCC314B PJTGD/B777-2LR GE SEL/EFAD ROUTE: LIMCKSF001

DEP: LIMC/MXP 35R ELEV 768 FT COST INDEX: 250 TTL G/C DIST: 5162 NM
ARR: KSFO/SFO 28L ELEV 13 FT INIT ALT: FL340 TTL F/P DIST: 5271 NM
FUEL BIAS: 100.5% TTL AIR DIST: 5658 NM
AVG WIND CMP: HD033 KT

ALT: KOAK/OAK 30 ELEV 9 FT 20 NM

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

** TAKE-OFF DATA LIMC 35R **

COND: 274513 KG // RWY DRY // +23.C Q1010 CALM // LMT: OBS(B)
CONFIG: FLAPS 5 // D-T01 +34C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=157 VR=161 V2=166
ENG OUT: AT 5 DME 'MAL' 111.2 LT TO 'NOV' 292 (325 INBD,RT)

Table with columns: FUEL, CORR, ENDUR. Rows: TRIP, CONT 5%, ALTN KOAK, 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 162613 KG / MAX EXTRA FUEL 7121 KG LIM BY ENRTE
TRIP CORR FOR 4000 KG TOW INCR: +970 KG / 4000 KG TOW DECR: -944 KG
2000 FT LOWER: +1515 KG / EET 11:37 CLB: 250/310/84 DES: 84/320/250

LIMC STD 18:50Z/20:50L ETD 18:50Z ACT OFBL EST T/O 19:06Z ACT T/O
KSFO STA 05:45Z/22:45L ETA 06:51Z ACT ONBL EST LDG 06:47Z ACT LDG
SKD 10:55 PLN 12:01 TTL BLCK EST FLT 11:41 TTL FLT

ATC ROUTE: N0494F340 BLA7F AOSTA UM729 MOLUS DCT UNKIR UM729 DJL UH37 LAULY
UM733 KOPOR UY376 VESAN UL613 SANDY UN601 LESTA UP6 RODOL UM65 TENSO
L603 REMSI DCT GOMUP/M084F360 DCT 60N020W 62N030W 64N040W 64N050W
DCT EMBOK/N0496F360 N888A TEFFO/N0493F380 DCT DUGNO DCT YQD J530 GTF
J7 REO DCT FIMUV DCT LEGGS BDEGA3

ALTERNATE PLANNING

Table with columns: ALTN/RWY, DIST, ALT/FL, MSA, COMP, TIME, FUEL, DIFF, ROUTE. Row: KOAK/30, 20, 3000, 061, TL002, 00:08, 1115, - SFO DCT OAK

MOST CRITICAL MORA 17700 FT AT MC504

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA ISA	FREQ WND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO	ACC ATO
-LIMM	LIMC/35R MALPENSA		768	121				93.6 / 0.8	0.8/.....	
BLA7F	BLA BIELLA	252	*CLB	121	116.10		30	90.9 / 3.5	07	00.07/.....
				M00	319/012		5241	N4529.7 E00806.0			
BLA7F	MC512	230	*CLB	121			5	90.7 / 3.8	01	00.08/.....
				M01	299/010		5236	N4526.6 E00800.4			
BLA7F	MC504	230	*CLB	177			12	90.2 / 4.2	01	00.09/.....
				M02	270/014		5224	N4519.3 E00746.9			
BLA7F	MC506	306	*CLB	177			14	89.7 / 4.8	02	00.11/.....
				M02	287/022		5210	N4528.2 E00731.1			
BLA7F	AOSTA	338	*CLB	177			21	89.1 / 5.4	03	00.14/.....
				P03	296/029		5189	N4547.8 E00720.8			
UM729 -LSAC	*BDRY	322	*CLB	177			8	88.9 / 5.6	01	00.15/.....
				P06	299/031		5181	N4554.1 E00714.3			
UM729	*TOC	322	FL340	177		494	1	88.8 / 5.6	00	00.15/.....
				P07	299/033	465	5180	N4554.7 E00713.7			
UM729 -LSAS	ORSUD	322	FL340	177		495	3	88.8 / 5.7	01	00.16/.....
				P07	300/032	465	5177	N4557.5 E00710.9			
UM729 -LFFF	*BDRY	322	FL340	177		495	24	88.4 / 6.1	03	00.19/.....
				P06	306/032	465	5153	N4616.9 E00650.9			
UM729 -LSAC	MOLUS	322	FL340	130		495	12	88.2 / 6.3	01	00.20/.....
				P06	309/034	463	5141	N4626.6 E00640.8			
DCT -LFFF	*BDRY	298	FL340	130		495	23	87.8 / 6.7	03	00.23/.....
				P06	316/038	461	5118	N4638.1 E00611.6			
DCT	UNKIR	298	FL340	130		495	22	87.4 / 7.1	03	00.26/.....
				P05	320/044	457	5096	N4648.9 E00543.6			
UM729	DJL DIJON LONGVIC	315	FL340	081	111.45	495	38	86.8 / 7.7	05	00.31/.....
				P05	325/050	447	5058	N4716.3 E00505.8			
	LFPG	312	FL340	044			47	85.9 / 8.5	07	00.38/.....
				P01	283/054		5011	N4748.4 E00415.8			
UH37	TUNOR	312	FL340	044		494	7	85.8 / 8.7	00	00.38/.....
				P04	331/062	435	5005	N4753.0 E00408.5			
UH37	LAULY	312	FL340	044		494	24	85.4 / 9.1	04	00.42/.....
				P03	333/067	435	4980	N4809.4 E00342.1			
UM733	BRY BRAY SUR SEINE	312	FL340	024	114.10	494	22	85.0 / 9.5	03	00.45/.....
				P02	335/073	430	4958	N4824.4 E00317.7			
UM733	CLM COULOMMIERS	336	FL340	024	112.90	493	29	84.5 / 10.0	04	00.49/.....
				P02	337/076	417	4930	N4850.7 E00300.8			
UM733	UTELA	329	FL340	024		493	4	84.4 / 10.1	01	00.50/.....
				P02	337/076	417	4926	N4854.4 E00257.6			

UM733	KOPOR	329	FL340	023		493	42	83.6 / 10.9	06	00.56
					P01	338/076	417 4883	N4930.9 E00225.3/.....	
UY376	SOMIL	343	FL340	023		493	16	83.3 / 11.2	02	00.58
					P01	338/076	416 4867	N4946.2 E00218.3/.....	
UY376	NITAR	343	FL340	023		492	9	83.1 / 11.4	01	00.59
					P01	339/076	416 4858	N4955.2 E00214.2/.....	
	EGLL	343	FL340	028			25	82.7 / 11.8	04	01.03
					P01	285/033	4833	N5019.1 E00203.1/.....	
UY376	VESAN	343	FL340	028		492	3	82.6 / 11.9	00	01.03
					P01	340/077	415 4829	N5022.3 E00201.6/.....	
UL613	RATUK	319	FL340	028		492	23	82.2 / 12.3	04	01.07
					P01	339/073	419 4807	N5039.4 E00138.2/.....	
UL613	SOVAT	318	FL340	021		492	10	82.0 / 12.5	01	01.08
-EGTT					P00	339/071	422 4797	N5046.8 E00128.0/.....	
	EGCC	318	FL340	021			12	81.8 / 12.7	02	01.10
					P01	278/028	4785	N5055.8 E00115.4/.....	
UL613	SANDY	318	FL340	024		492	11	81.6 / 12.9	01	01.11
					P00	339/069	424 4774	N5103.9 E00104.1/.....	
UN601	DET	309	FL340	024	117.30	491	23	81.2 / 13.3	03	01.14
	DETLING				P00	338/065	430 4751	N5118.2 E00035.8/.....	
UN601	BPK	316	FL340	024	117.50	491	38	80.5 / 14.0	06	01.20
	BROOKMANS PARK				P00	338/057	435 4714	N5145.0 W00006.4/.....	
UN601	POTON	330	FL340	026		491	23	80.1 / 14.4	03	01.23
					P00	340/052	435 4690	N5205.1 W00025.6/.....	
UN601	BEDFO	330	FL340	026		491	10	79.9 / 14.6	01	01.24
					P00	340/050	439 4681	N5213.5 W00033.8/.....	
UN601	EBOTO	330	FL340	026		491	9	79.8 / 14.7	02	01.26
					P00	341/048	441 4671	N5221.6 W00041.7/.....	
UN601	PIPIN	330	FL340	026		491	18	79.4 / 15.0	02	01.28
					P00	343/045	443 4654	N5236.6 W00056.5/.....	
UN601	LESTA	330	FL340	026		491	9	79.3 / 15.2	01	01.29
					P00	344/043	447 4644	N5244.5 W00104.3/.....	
UP6	TUMTI	317	FL340	036		491	28	78.8 / 15.7	04	01.33
					P00	343/036	457 4616	N5304.7 W00136.3/.....	
UP6	RODOL	317	FL340	036		491	13	78.6 / 15.9	02	01.35
					P00	342/032	458 4603	N5314.3 W00151.7/.....	
UM65	TENSO	332	FL340	036		490	25	78.2 / 16.3	03	01.38
					P00	341/027	463 4578	N5336.0 W00212.5/.....	
	EGAA	292	FL340	047			38	77.6 / 16.9	05	01.43
					P01	288/004	4540	N5349.6 W00312.4/.....	
L603	BELOX	292	FL340	047		490	11	77.4 / 17.1	01	01.44
					P01	327/011	477 4529	N5353.3 W00329.4/.....	

L603 REMSI 292 FL340 047 490 13 77.2 / 17.3 02 01.46
P01 312/007 481 4517 N5357.6 W00349.5/.....

DCT *BDRY 315 FL340 047 490 80 76.0 / 18.5 09 01.55
-EGPX P02 193/013 492 4437 N5451.9 W00530.2/.....

----- 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 GOMUP 315 *CLB 041 199 73.1 / 21.3 24 02.19
-EGGX P02 176/051 4238 N5700.0 W01000.0/.....

BIKF 309 FL360 010 213 70.0 / 24.5 25 02.44
P12 291/051 4025 N5851.7 W01540.9/.....

DCT 6020N 307 FL360 010 499 149 67.8 / 26.7 19 03.03
60N020W P14 273/036 466 3877 N6000.0 W02000.0/.....

DCT *BDRY 307 FL360 010 500 143 65.6 / 28.9 18 03.21
-BIRD P14 279/049 452 3734 N6100.1 W02423.5/.....

DCT 6230N 306 FL360 010 500 172 62.8 / 31.7 24 03.45
62N030W P13 278/061 440 3562 N6200.0 W03000.0/.....

DCT *BDRY 315 FL360 010 30 254 58.8 / 35.7 34 04.19
-BGGL P11 268/053 27 3307 N6345.4 W03828.4/.....

BGSF 312 FL360 010 0 58.8 / 35.7 00 04.19
P08 255/058 3307 N6345.5 W03829.0/.....

DCT 6440N 312 FL360 011 498 43 58.1 / 36.4 06 04.25
64N040W P10 265/053 448 3264 N6400.0 W04000.0/.....

DCT 6450N 297 FL360 108 496 263 53.9 / 40.5 35 05.00
64N050W P09 253/046 450 3001 N6400.0 W05000.0/.....

DCT *BDRY 291 FL360 075 496 164 51.5 / 43.0 22 05.22
-CZQX P09 251/037 458 2837 N6338.0 W05607.5/.....

DCT EMBOK 286 FL360 010 496 51 50.7 / 43.8 06 05.28
P08 253/035 460 2786 N6328.0 W05800.0/.....

CYFB 288 FL360 010 16 50.5 / 44.0 03 05.31
P08 261/029 2770 N6325.4 W05834.7/.....

N888A BERUS 287 FL360 032 495 122 48.6 / 45.8 15 05.46
-CZUL P07 260/032 463 2647 N6300.0 W06300.0/.....

N888A TEFFO 292 *CLB 045 110 47.0 / 47.4 15 06.01
P06 264/030 2537 N6248.0 W06700.0/.....

DCT DUGNO 283 FL380 045 493 391 41.5 / 53.0 49 06.50
-CZWG P08 278/009 485 2146 N6039.7 W08000.0/.....

CYYQ 267 FL380 024 46 40.9 / 53.6 06 06.56
P09 320/016 2100 N6022.4 W08127.5/.....

CYWG 264 FL380 025 668 31.9 / 62.5 0124 08.20

				P01 278/065	1432	N5444.1	W09926.9/.....
DCT	YQD	228	FL380	030 113.60	487	75	30.8 / 63.6	10 08.30
	THE PAS			M02 279/078	433	1357	N5358.4	W10106.0/.....
J530	YOUNG	224	FL380	041	486	193	28.0 / 66.5	27 08.57
				M03 261/066	430	1164	N5151.3	W10506.4/.....
	KGTF	218	FL380	037		54	27.2 / 67.3	08 09.05
				M02 245/042		1110	N5114.1	W10610.1/.....
J530	YYN	217	FL380	044 117.40	486	81	26.0 / 68.5	11 09.16
	SWIFT CURRENT			M03 243/052	435	1029	N5017.8	W10741.5/.....
J530	GGRBI	212	FL380	060	488	104	24.5 / 69.9	14 09.30
	-KZLC			M01 214/038	449	925	N4900.0	W10927.5/.....
J530	GTF	209	FL380	115 115.10	490	122	22.9 / 71.6	16 09.46
	GREAT FALLS			P02 188/031	462	803	N4727.0	W11124.7/.....
J7	LKT	206	FL380	134 113.50	493	183	20.4 / 74.0	24 10.10
	SALMON			P05 209/024	469	620	N4501.3	W11405.1/.....
	KBOI	214	FL380	142		11	20.3 / 74.2	01 10.11
				P04 213/027		609	N4453.7	W11416.4/.....
J7	BOI	214	FL380	142 113.30	494	115	18.8 / 75.7	15 10.26
	BOISE			P04 236/033	461	493	N4333.2	W11611.5/.....
J7	REO	219	FL380	107 112.50	494	94	17.5 / 77.0	12 10.38
	ROME			P05 245/046	452	400	N4235.4	W11752.1/.....
DCT	*BDRY	200	FL380	120	494	120	15.9 / 78.6	16 10.54
	-KZOA			P04 257/059	452	280	N4054.2	W11918.4/.....
	KSFO	199	FL380	114		36	15.4 / 79.1	05 10.59
				P04 260/053		243	N4023.4	W11943.7/.....
DCT	FIMUV	198	FL380	130	494	40	14.9 / 79.6	06 11.05
				P03 263/074	445	203	N3949.1	W12011.3/.....
DCT	LEGGS	222	FL380	130	494	51	14.1 / 80.4	07 11.12
				P03 263/077	424	152	N3920.2	W12105.8/.....
BDEGA3	*TOD	217	FL380	095	494	40	13.5 / 80.9	05 11.17
				P03 264/081	425	111	N3854.1	W12145.5/.....
BDEGA3	PYLLE	216	*DES	071		41	13.4 / 81.1	07 11.24
				P09 266/049		70	N3827.2	W12225.7/.....
BDEGA3	BGGLO	216	*DES	071		21	13.4 / 81.2	04 11.28
				P09 272/029		49	N3813.5	W12246.1/.....
BDEGA3	LOZIT	154	*DES	071		20	13.3 / 81.3	04 11.32
				P09 285/015		29	N3754.0	W12240.4/.....
BDEGA3	BDEGA	127	*DES	061		6	13.2 / 81.4	01 11.33
				P09 291/013		23	N3749.4	W12235.5/.....
BDEGA3	CORKK	127	*DES	061		7	13.2 / 81.4	02 11.35
				P10 299/010		16	N3744.0	W12229.9/.....
BDEGA3	BRIXX	127	*DES	061		9	13.1 / 81.5	03 11.38
				P08 299/008		7	N3737.1	W12222.5/.....

BDEGA3 **KSFO/28L** 102 13 061
SAN FRANCISCO INTL

7 12.8 / 81.7 03 11.41
N3736.7 W12221.6/.....

WIND INFORMATION - OBS 08/SEP 06:00

(CLIMB)			UNKIR			LAULY			SOMIL		
FL330	283/027	-45	FL380	314/035	-48	FL380	332/045	-50	FL380	340/050	-52
FL260	259/014	-39	FL360	317/039	-48	FL360	333/056	-50	FL360	339/063	-52
FL190	316/009	-24	FL340	320/045	-47	FL340	334/067	-49	FL340	339/077	-51
FL130	328/009	-11	FL320	320/043	-46	FL320	334/072	-47	FL320	340/078	-48
6000	335/006	+4	FL300	320/041	-45	FL300	335/078	-44	FL300	341/080	-44
DET			LESTA			BELOX			6020N		
FL380	346/053	-55	FL380	354/040	-57	FL380	333/017	-58	FL400	271/032	-44
FL360	342/058	-54	FL360	349/042	-54	FL360	331/014	-55	FL380	272/034	-43
FL340	339/065	-52	FL340	344/044	-52	FL340	328/011	-51	FL360	273/036	-43
FL320	341/064	-48	FL320	347/042	-48	FL320	335/008	-47	FL340	274/039	-42
FL300	344/063	-43	FL300	350/040	-43	FL300	355/004	-42	FL320	274/040	-42
6230N			6440N			6450N			EMBOK		
FL400	276/052	-44	FL400	261/045	-45	FL400	254/042	-46	FL400	251/034	-46
FL380	277/056	-43	FL380	262/048	-45	FL380	255/044	-46	FL380	252/036	-46
FL360	278/062	-43	FL360	266/053	-46	FL360	254/046	-48	FL360	253/036	-48
FL340	280/068	-43	FL340	269/059	-47	FL340	252/049	-50	FL340	255/036	-50
FL320	281/064	-43	FL320	271/060	-46	FL320	254/046	-49	FL320	257/035	-50
BERUS			DUGNO			YQD			YOUNG		
FL400	256/029	-46	FL420	294/011	-47	FL420	282/056	-56	FL420	262/050	-59
FL380	258/031	-47	FL400	288/010	-47	FL400	280/069	-58	FL400	262/060	-60
FL360	261/032	-49	FL380	278/010	-48	FL380	279/078	-58	FL380	262/066	-60
FL340	264/034	-51	FL360	258/009	-52	FL360	280/077	-55	FL360	262/065	-55
FL320	266/034	-51	FL340	236/010	-55	FL340	281/077	-53	FL340	262/063	-50
YYN			GGRBI			GTF			LKT		
FL420	245/044	-59	FL420	226/034	-58	FL420	215/028	-56	FL420	220/030	-53
FL400	244/050	-60	FL400	220/037	-59	FL400	200/029	-56	FL400	217/028	-52
FL380	243/052	-59	FL380	215/039	-58	FL380	189/031	-55	FL380	210/024	-52
FL360	241/048	-54	FL360	214/038	-53	FL360	183/033	-52	FL360	191/021	-51
FL340	237/043	-49	FL340	212/036	-49	FL340	178/035	-49	FL340	165/020	-50
BOI			FIMUV			(DESCENT)					
FL420	235/035	-53	FL420	258/061	-55	FL370	277/071	-51			
FL400	236/035	-53	FL400	261/068	-54	FL290	285/062	-35			
FL380	236/034	-52	FL380	264/075	-53	FL220	292/054	-19			
FL360	237/031	-51	FL360	264/078	-51	14000	300/032	-2			
FL340	238/027	-49	FL340	264/083	-48	7000	318/010	+9			

END FLIGHTPLAN 03420 TCC314B PJTGD LIMC-KSFO 08SEP2019

[ATC FLIGHTPLAN]

(FPL-TCC314B-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-LIMC1850
-N0494F340 AOSTA UM729 MOLUS DCT UNKIR UM729 DJL UH37 LAULY
UM733 KOPOR UY376 VESAN UL613 SANDY UN601 LESTA UP6 RODOL UM65
TENSO L603 REMSI DCT GOMUP/M084F360 DCT 60N020W 62N030W 64N040W
64N050W DCT EMBOK/N0496F360 N888A TEFFO/N0493F380 DCT DUGNO DCT
YQD J530 GTF J7 REO DCT FIMUV DCT LEGGS BDEGA3
-KSF01141 KOAK
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/190908 REG/PJTGD
EET/LIMM0008 LSAC0015 LFFF0019 LSAC0020 LFFF0023 EGTT0108
EGPX0155 EGGX0219 60N020W0303 BIRD0321 62N030W0345 BGGL0419
64N040W0425 64N050W0500 CZQX0522 CZUL0546 CZWG0650 KZLC0930
KZOA1054
SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/D
RMK/TCAS
-E/1347)

[PLANNING WEATHER]

ORIGIN: LIMC/MXP (MALPENSA, ITALY)

UTC +02:00

LIMC 081420Z VRB04KT 9999 BKN050 23/11 Q1010 NOSIG
LIMC 081100Z 0812/0918 VRB05KT 9999 SCT040

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

UTC -07:00

KSFO 081443Z 30010KT 10SM FEW007 SCT011 BKN014 15/13 A3000 RMK A02 PK WND
27026/1409 T01500128
KSFO 081229Z 0812/0918 27025KT P6SM FEW010
FM081500 27012KT P6SM FEW020
FM082100 27018G25KT P6SM FEW020
FM090400 27012KT P6SM FEW015

ALTERNATE: KOAK/OAK (METRO OAKLAND INTL, UNITED STATES)

UTC -07:00

KOAK 081353Z 26009KT 10SM SCT008 16/13 A3000 RMK A02 SLP156 T01610133
KOAK 081140Z 0812/0918 27010KT P6SM FEW010
FM081800 26006KT P6SM SKC
FM082100 27015G22KT P6SM SKC
FM090400 27010KT P6SM FEW010

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

UTC +02:00

LFPG 081430Z 33009KT 9999 FEW043 SCT073 16/07 Q1020 NOSIG
LFPG 081100Z 0812/0918 35010KT 9999 SCT030 SCT060 TX19/0814Z TN08/0905Z
PROB40 TEMPO 0812/0815 35010G20KT 4000 -SHRA BKN035TCU
BECMG 0900/0902 VRB03KT CAVOK
BECMG 0910/0912 20010KT

ADEQUATE: EGLL/LHR (HEATHROW, UNITED KINGDOM)

UTC +01:00

EGLL 081420Z AUTO VRB03KT 9999 NCD 17/03 Q1022 NOSIG
EGLL 081101Z 0812/0918 34006KT 9999 FEW040
BECMG 0905/0908 19010KT
TEMPO 0908/0918 7000 RA BKN012
PROB30 TEMPO 0915/0918 4000 +SHRA BKN008 BKN020CB

ADEQUATE: EGCC/MAN (MANCHESTER, UNITED KINGDOM)

UTC +01:00

EGCC 081420Z 30006KT 220V340 9999 FEW034 SCT048 16/09 Q1022
EGCC 081059Z 0812/0918 25004KT 9999 SCT035
BECMG 0904/0907 16010KT
TEMPO 0904/0913 6000 RA BKN012
PROB30 TEMPO 0905/0912 3000 RADZ +RA BKN008
BECMG 0913/0916 26005KT
PROB30 TEMPO 0913/0918 7000 SHRA BKN014

ADEQUATE: EGAA/BFS (ALDERGROVE, UNITED KINGDOM)

UTC +01:00

EGAA 081420Z 20006KT 170V240 9999 SCT015 BKN019 17/13 Q1020
EGAA 081054Z 0812/0912 23008KT 9999 FEW014 BKN030
PROB30 TEMPO 0812/0818 BKN014
TEMPO 0818/0823 -RA SCT008 BKN014
PROB30 TEMPO 0820/0823 6000 RADZ BKN008
BECMG 0823/0902 5000 RA RADZ FEW004 BKN006
PROB30 TEMPO 0900/0904 3000 +RA BKN004
BECMG 0903/0906 32010KT 9999 NSW SCT010 BKN020

ADEQUATE: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 081430Z 21012KT 9999 FEW025 SCT031 11/07 Q0996
BIKF 081303Z 0815/0915 18015KT 9999 FEW020 BKN035 TX12/0915Z TN05/0906Z
TEMPO 0815/0915 2500 SHRA BKN015
BECMG 0820/0823 22005KT

ADEQUATE: BGSF/SFJ (KANGERLUSSUAQ, GREENLAND)

UTC -02:00

BGSF 081350Z AUTO 08007KT 9999NDV BKN033/// BKN065/// 05/02 Q1012
BGSF 080458Z 0806/0819 12005KT 9999 SCT020 BKN040
TEMPO 0806/0819 -RA BKN020

ADEQUATE: CYFB/YFB (IQALUIT, CANADA)

UTC -04:00

CYFB 081400Z 30006KT 30SM FEW022 BKN036 04/M01 A2997 RMK SC2SC4 SH DIST S
SLP151
CYFB 081138Z 0812/0912 30008KT P6SM BKN030
TEMPO 0812/0908 SCT030
FM090800 32010KT P6SM BKN020
TEMPO 0908/0912 SCT020
RMK NXT FCST BY 081800Z

ADEQUATE: CYYQ/YYQ (CHURCHILL, CANADA)

UTC -05:00

CYYQ 081400Z 07007KT 15SM BKN070 07/05 A3014 RMK AC7 SLP208
CYYQ 081138Z 0812/0912 07006KT P6SM FEW010
TEMPO 0812/0816 BKN008
PROB30 0812/0816 1SM BR BKN002
FM081600 36015KT P6SM FEW008 BKN020
TEMPO 0816/0822 4SM -SHRA BR
FM082200 01015KT P6SM BKN012
TEMPO 0822/0912 SCT012
BECMG 0906/0908 33008KT
RMK NXT FCST BY 081800Z

ADEQUATE: CYWG/YWG (RICHARDSON INTL, CANADA)

UTC -05:00

CYWG 081400Z 15005KT 15SM FEW050 FEW150 FEW250 10/07 A3021 RMK SC1AC1CI1
SC TR AC TR CI TR SLP239
CYWG 081138Z 0812/0912 VRB03KT P6SM FEW006
TEMPO 0812/0815 2SM BR
PROB40 0812/0815 1/4SM FG VV002
FM081600 15006KT P6SM SCT025
FM082200 17008KT P6SM SCT040
BECMG 0902/0904 10008KT
RMK NXT FCST BY 081800Z

ADEQUATE: KGTF/GTF (GREAT FALLS INTL, UNITED STATES)

UTC -06:00

KGTF 081413Z 07006KT M1/4SM BR OVC002 08/08 A2992 RMK A02 SFC VIS 1 1/2
VIS 1/2V5 T00830083 \$
KGTF 081401Z 0814/0912 09009KT 3SM BR SCT001 BKN250
TEMPO 0814/0817 1/2SM FG VV001
FM081700 07008KT P6SM SCT080 BKN250
FM090400 05010KT P6SM -SHRA SCT050 OVC070
FM090900 05007KT 6SM -RA SCT017 OVC050

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

UTC -06:00

KBOI 081353Z 14007KT 10SM -RA OVC080 17/13 A2986 RMK A02 SLP086 P0004
T01670133 \$
KBOI 081124Z 0812/0912 14012G20KT 4SM RA BR BKN060 OVC080
FM081300 14008KT P6SM -SHRA OVC050
FM082000 30012G20KT P6SM -SHRA BKN035
FM090000 31008KT P6SM BKN070

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/2 TRACKS FLS 310/390 INCLUSIVE
SEP 08/1130Z TO SEP 08/1900Z
PART ONE OF TWO PARTS-

A BALIX 61/20 62/30 61/40 59/50 AVUTI
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370
EUR RTS WEST NIL
NAR NIL-

B ERAKA 60/20 61/30 60/40 58/50 CUDDY
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370
EUR RTS WEST NIL
NAR NIL-

C GOMUP 59/20 60/30 59/40 57/50 HOIST
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

D SUNOT 58/20 59/30 58/40 56/50 JANJO
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL-

E BEDRA 48/20 46/30 45/40 43/50 JEBBY CARAC
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370 390
EUR RTS WEST NIL
NAR NIL-

F OMOKO 48/15 47/20 45/30 44/40 42/50 42/60 DOVEY
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370 390
EUR RTS WEST NIL
NAR NIL-

G ETIKI 47/15 46/20 44/30 43/40 41/50 41/60 JOBOC
EAST LVLS NIL
WEST LVLS 310 320 330 350 360 370 390
EUR RTS WEST REGHI
NAR NIL-

H 42/40 40/50 SOORY
EAST LVLS NIL
WEST LVLS 320 340 360 380
EUR RTS WEST
NAR NIL-

J 40/40 40/50 40/60 SLATN
EAST LVLS NIL
WEST LVLS 330 350 370
EUR RTS WEST
NAR NIL-

END OF PART ONE OF TWO PARTS)

(NAT-2/2 TRACKS FLS 310/390 INCLUSIVE
SEP 08/1130Z TO SEP 08/1900Z
PART TWO OF TWO PARTS-

K 39/40 37/50 34/60
EAST LVLS NIL
WEST LVLS 320 340 360 380
EUR RTS WEST
NAR NIL-

REMARKS.

1. TMI IS 251 AND OPERATORS ARE REMINDED TO INCLUDE THE TMI NUMBER AS PART OF THE OCEANIC CLEARANCE READ BACK.
2. FOR WESTBOUND TRACK QUERIES CONTACT EGGX ON +44 01294 655141.
3. ALL ADSC CPDLC EQUIPPED FLIGHTS NOT LOGGED ON TO A DOMESTIC ATSU PRIOR TO ENTERING THE SHANWICK OCA MUST INITIATE A FANS LOGON TO EGGX BETWEEN 10 AND 25 MINUTES PRIOR TO OCA ENTRY. FAILURE TO DO SO MAY RESULT IN A LATE RE-CLEARANCE.
4. OPERATORS ARE REMINDED THAT ADS-C AND CPDLC IS MANDATED FOR LEVELS 350-390 IN NAT AIRSPACE.
5. PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
NO ASSIGNED PBCS TRACKS
END OF PBCS OTS
6. 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.
7. 80 PERCENT OF GROSS NAVIGATION ERRORS RESULT FROM POOR COCKPIT PROCEDURES. CONDUCT EFFECTIVE WAYPOINT CHECKS.
8. OPERATORS ARE REMINDED THAT CLEARANCES MAY DIFFER FROM THE FLIGHT PLAN, FLY THE CLEARANCE.
9. 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.-

END OF PART TWO OF TWO PARTS)

(NAT-1/3 TRACKS FLS 320/400 INCLUSIVE
SEP 09/0100Z TO SEP 09/0800Z
PART ONE OF THREE PARTS-

S RIKAL 53/50 55/40 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 N505A N503A-

T TUDEP 52/50 54/40 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 N445A N441A-

U UMESI 5130/50 5330/40 5430/30 5430/20 VENER KOKIB
EAST LVLS 350 360 370 380 390
WEST LVLS NIL
EUR RTS EAST NIL
NAR N417B N411B-

V ALLRY 51/50 53/40 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 N389B N379A-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 320/400 INCLUSIVE
SEP 09/0100Z TO SEP 09/0800Z
PART TWO OF THREE PARTS-

W ELSIR 50/50 52/40 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 N329B N321A-

X IBERG 4930/50 5130/40 5230/30 5230/20 TOBOR RILED
EAST LVLS 350 360 370 380 390
WEST LVLS NIL
EUR RTS EAST NIL
NAR N301B N285A-

Y JOOPY 49/50 51/40 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 N269A N253A-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 320/400 INCLUSIVE
SEP 09/0100Z TO SEP 09/0800Z
PART THREE OF THREE PARTS-

Z NICS0 48/50 50/40 51/30 51/20 DINIM EL SOX
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N211E N193A-

REMARKS:

- 1.TMI IS 252 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
TRACK W
TRACK X
TRACK Y
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.

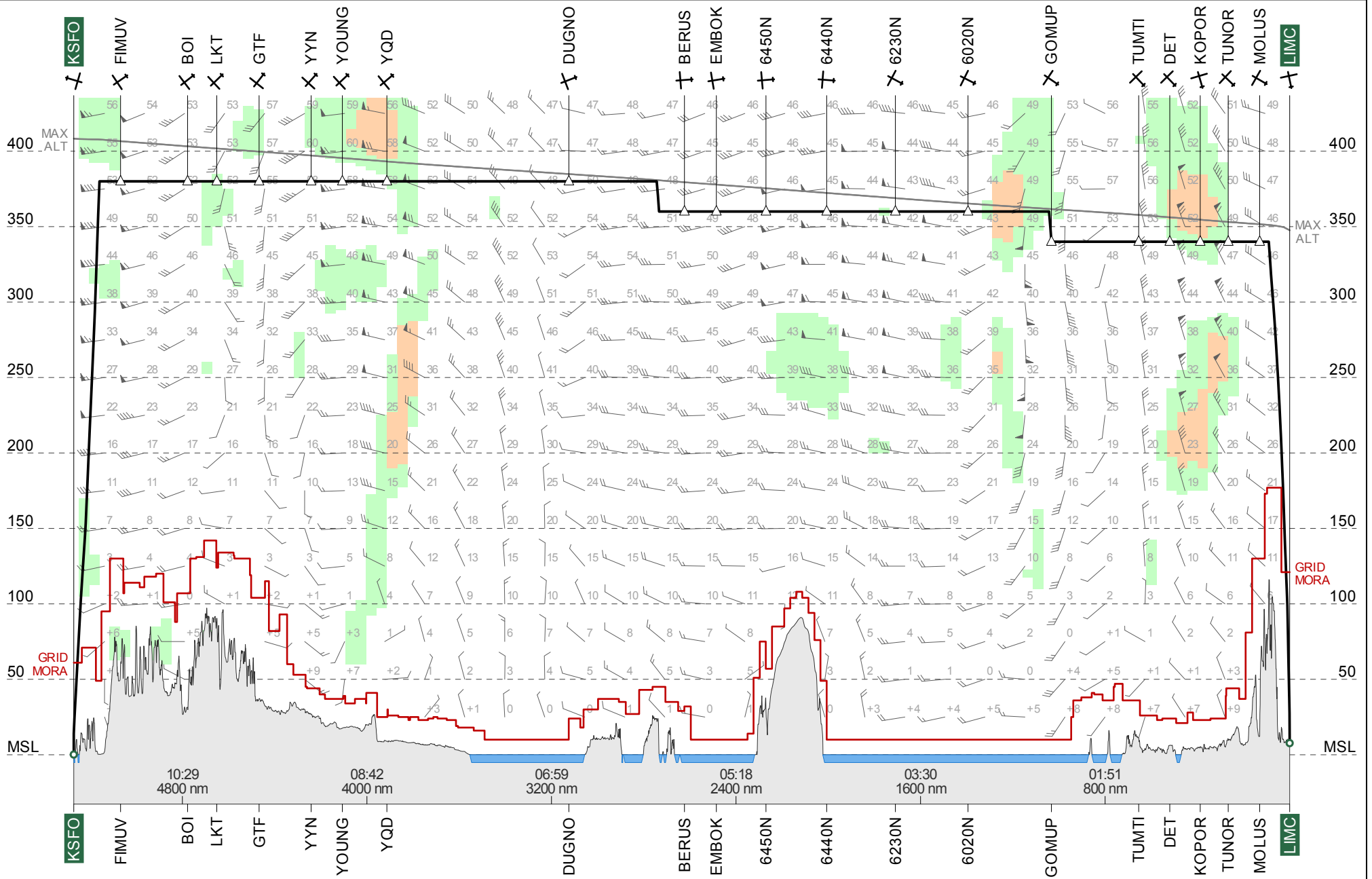
7.OPERATORS ARE REMINDED THAT EASTBOUND AIRCRAFT INTENDING TO
OPERATE IN THE OTS ARE REQUIRED TO COMPLY WITH NAR FLIGHT
PLANNING RULES AS DEFINED IN THE CANADA FLIGHT SUPPLEMENT
OR WITH ROUTES AS CONTAINED IN THE DAILY BOSTON ADVISORY.-

END OF PART THREE OF THREE PARTS)

TR314B #1

KSFO ← LIMC

ETD 08 Sep 18:50z
PJTGD B77L

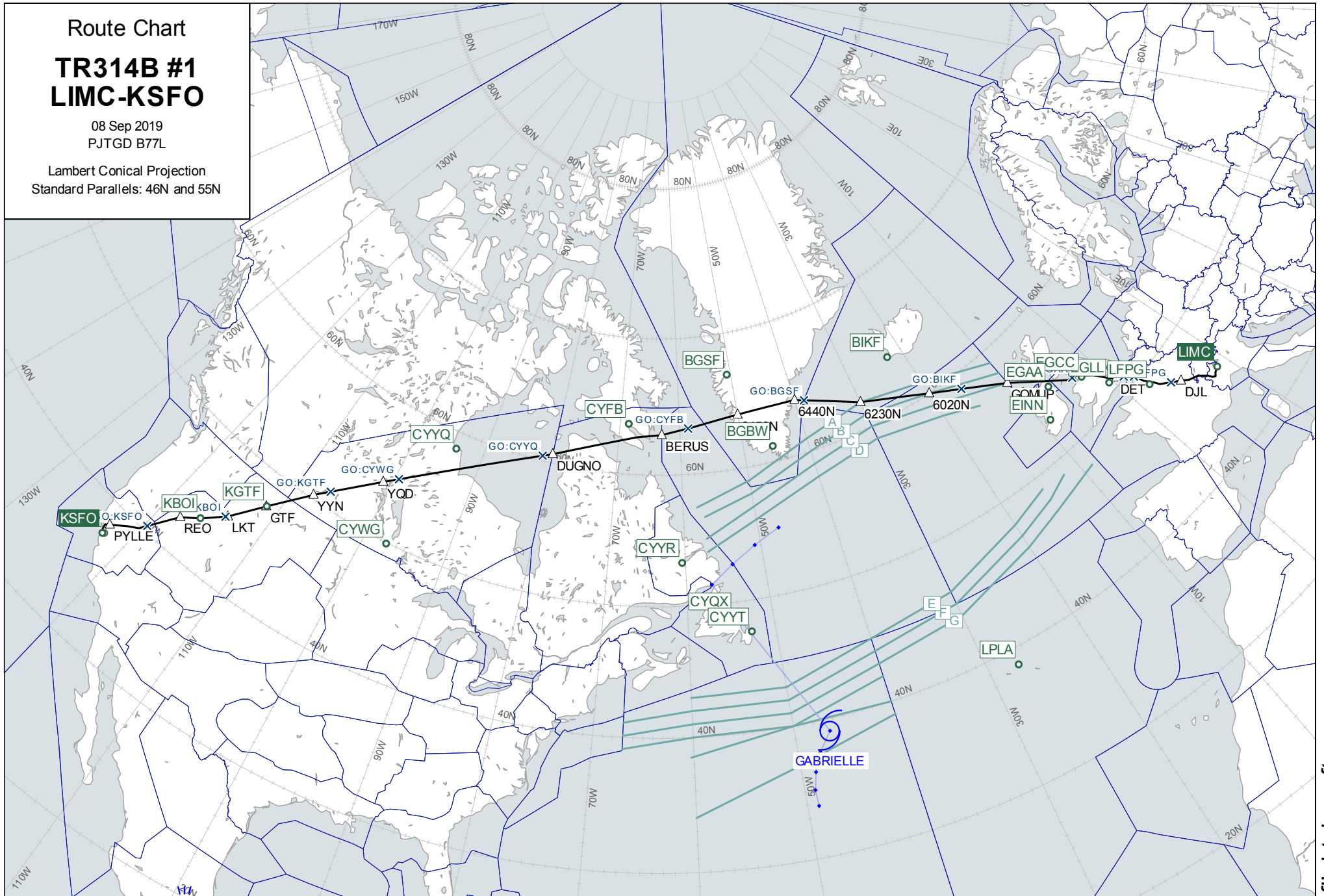


Route Chart

TR314B #1
LIMC-KSFO

08 Sep 2019
PJTGD B77L

Lambert Conical Projection
Standard Parallels: 46N and 55N



Wind Chart

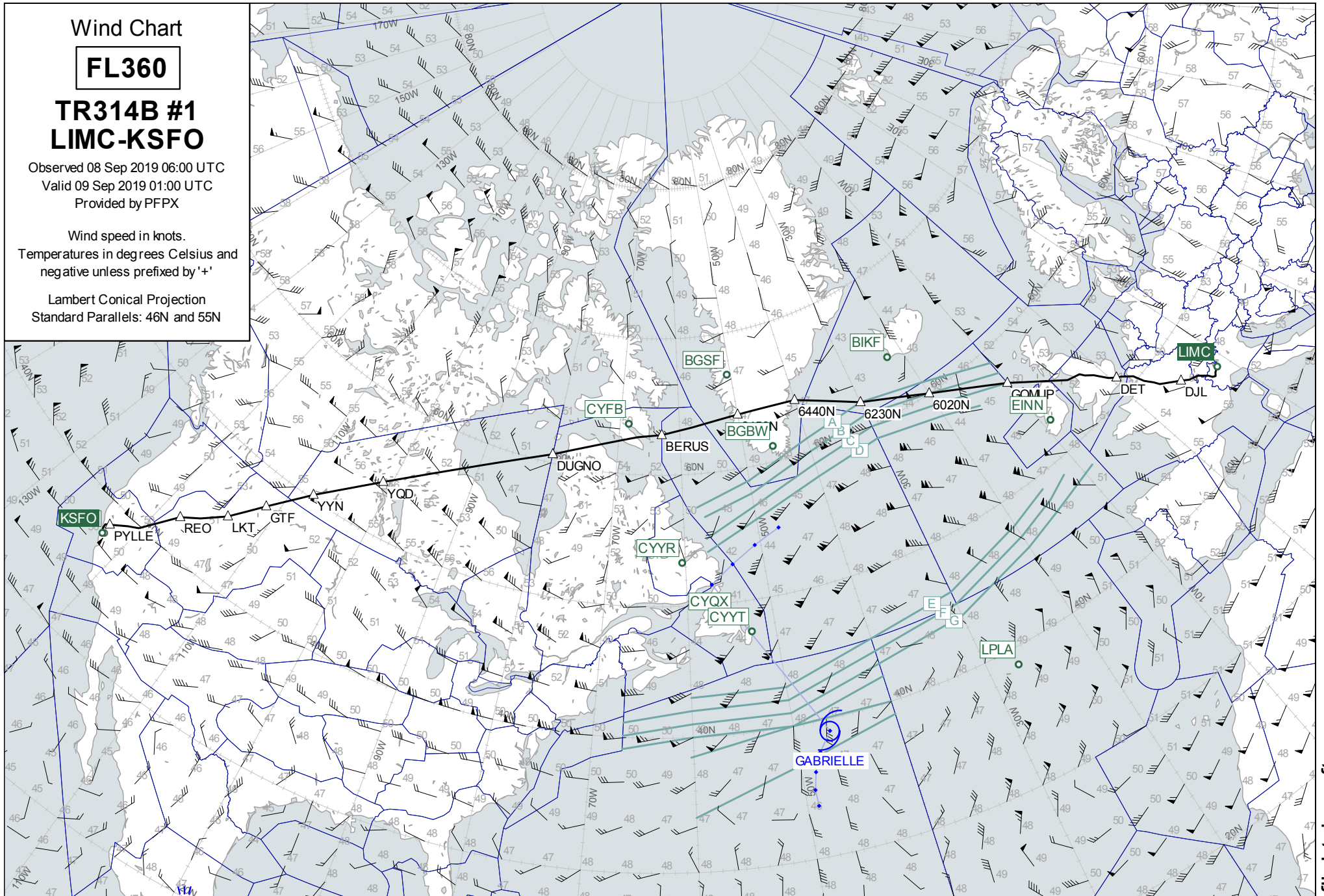
FL360

TR314B #1 LIMC-KSFO

Observed 08 Sep 2019 06:00 UTC
Valid 09 Sep 2019 01:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 46N and 55N



Wind Chart

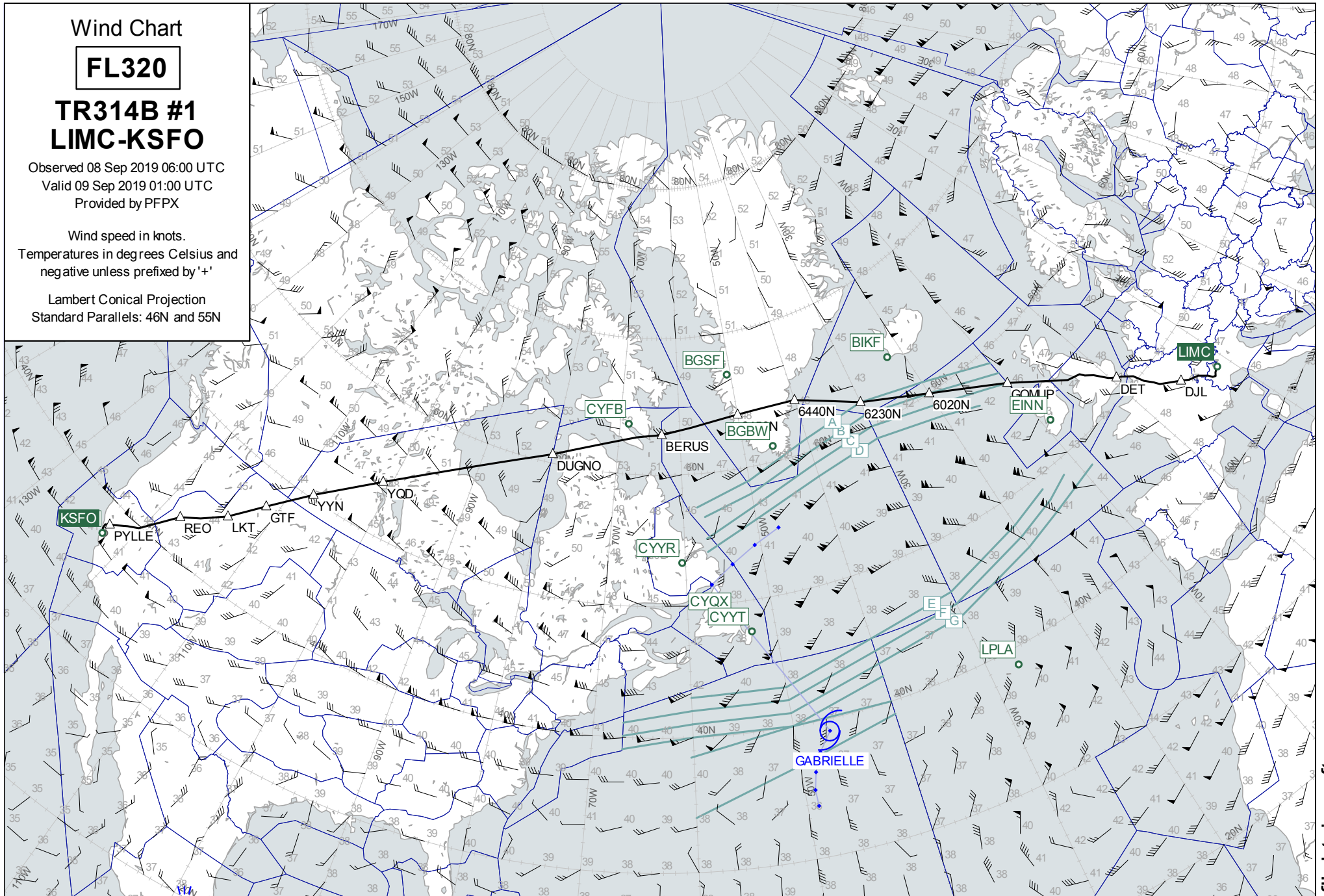
FL320

TR314B #1 LIMC-KSFO

Observed 08 Sep 2019 06:00 UTC
Valid 09 Sep 2019 01:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 46N and 55N



Wind Chart

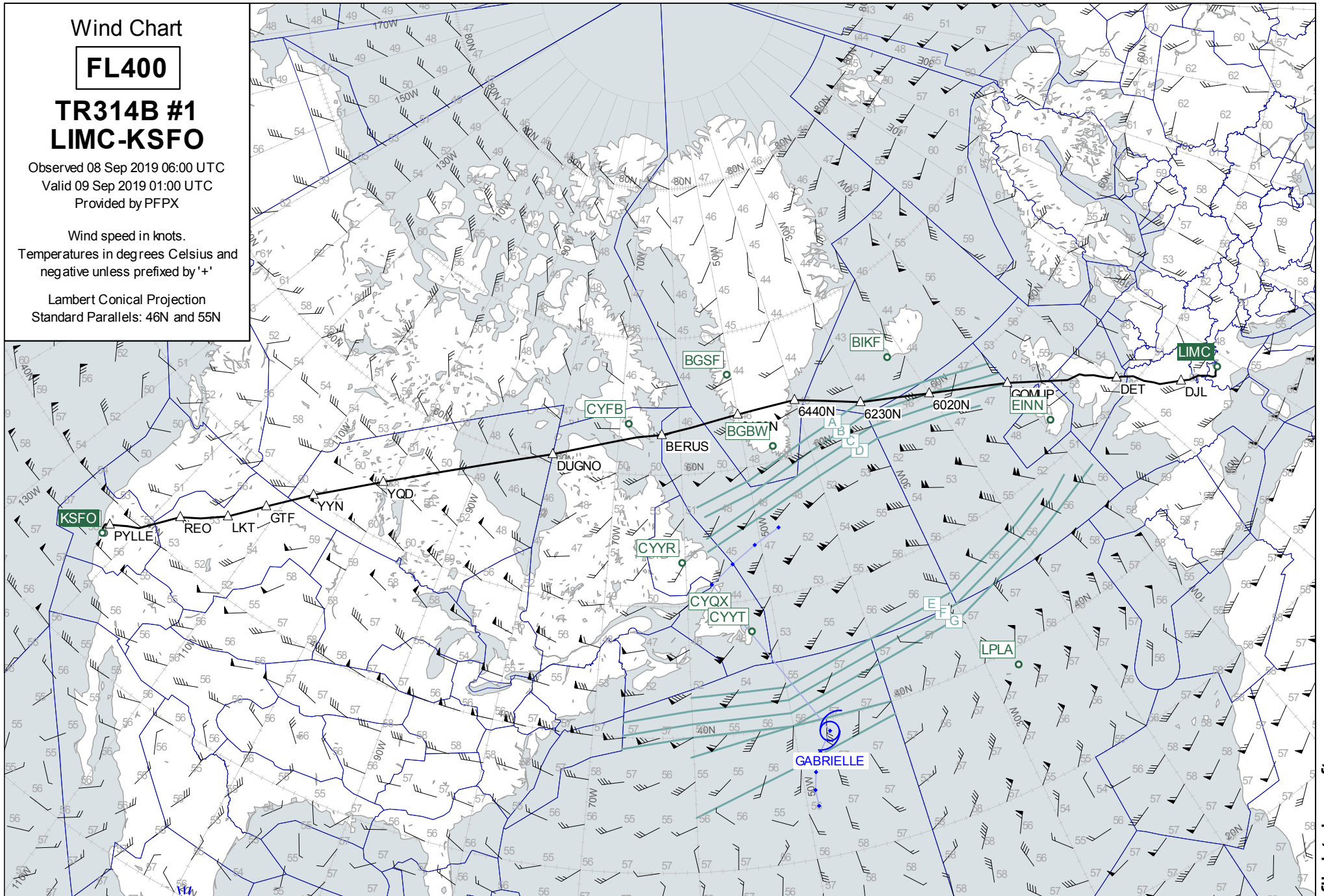
FL400

TR314B #1 LIMC-KSFO

Observed 08 Sep 2019 06:00 UTC
Valid 09 Sep 2019 01:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 46N and 55N



Destination Area

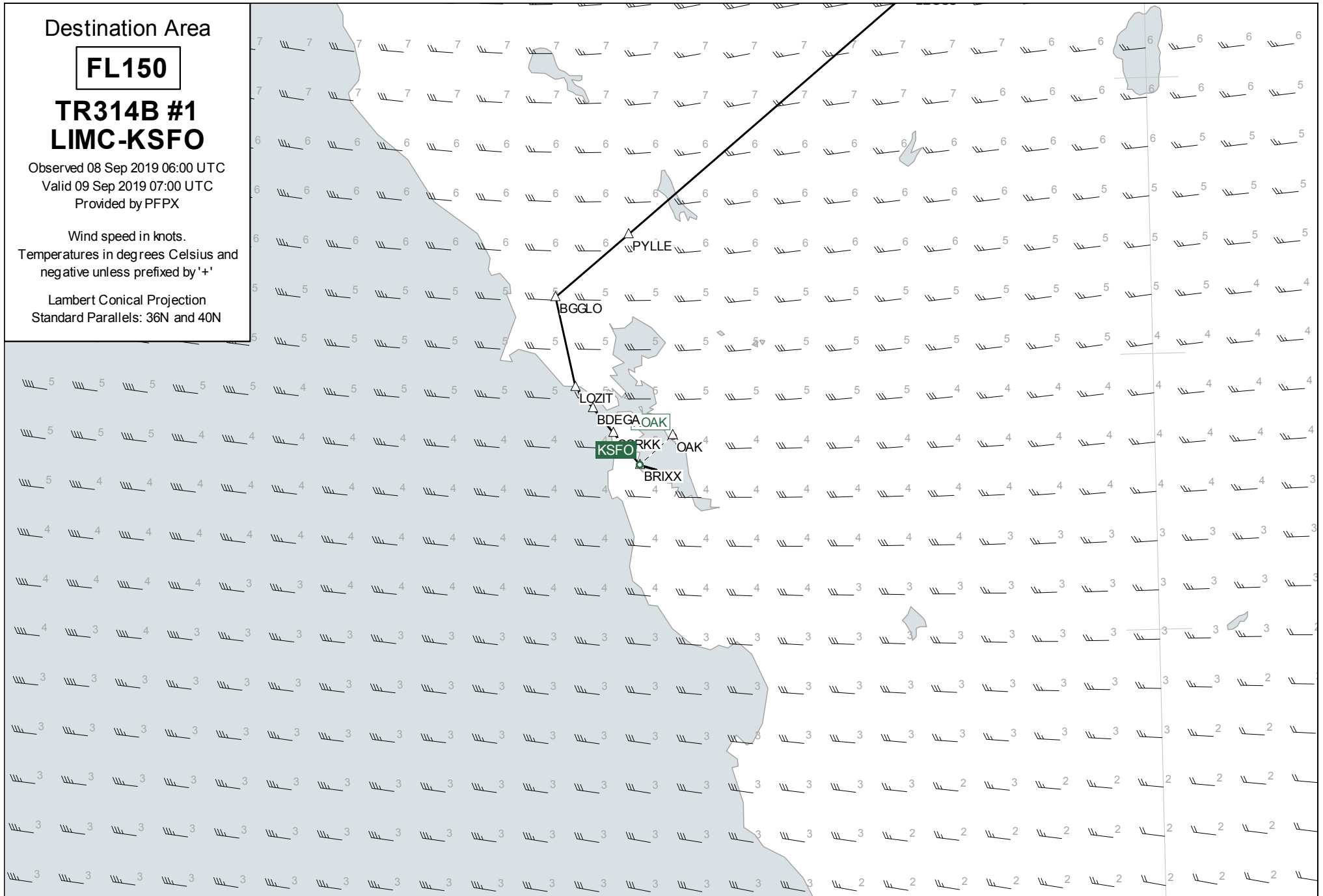
FL150

TR314B #1
LIMC-KSFO

Observed 08 Sep 2019 06:00 UTC
Valid 09 Sep 2019 07:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 36N and 40N



Plotting Chart

TR314B #1 LIMC-KSFO

08 Sep 2019
PJTGD B77L

Lambert Conical Projection
Standard Parallels: 54N and 59N

