



Tradewind VA



Flight Briefing Package

TCC915B KIAH-KBOS

23-Nov-2019 #1

RELEASE #1

GEORGE BUSH INTERCONTINENTAL/H
(UNITED STATES)

-

LOGAN INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

23 NOV 0750 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		16.742	02:57
CONT 5%		837	00:10
HOLD	KBOS	1.702	00:20
ALTN	KBDL	2.282	00:20
FINAL RESV		2.551	00:30
ADD FUEL		437	00:05
MIN T/O		24.551	04:21
EXTRA		1.276	00:15
TAXI		780	00:15
RELEASE	KIAH	26.607	04:51
ARR FUEL	KBOS	8.461	01:28

Load Planning (kg)	PJTGD	Plan	Limit
Empty Weight		156.146	
Zero Fuel Weight	Limit	156.146	209.106
Fuel		26.607	162.613
Ramp Weight		182.753	348.359
Take-Off Weight KIAH		181.973	258.590
Landing Weight KBOS		165.231	223.167
Underload		52.960	Lim ZFW
Max Extra Fuel		57.936	Lim LDW

Cost Planning			
Flight Time	02:57	\$	17.030
Fuel	18.146	\$	12.819
Total		\$	29.849

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC915B PJTGD KIAH-KBOS

ALL WEIGHTS IN KILOGRAMS (KG) STD 23NOV/1315Z

OPF 1 - PREPARED 23NOV/0750Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR915B/TCC915B PJTGD/B777-2LR GE SEL/EFAD ROUTE: KIAHKBOS02

DEP: KIAH/IAH 15L ELEV 96 FT COST INDEX: 250 TTL G/C DIST: 1389 NM
ARR: KBOS/BOS 22L ELEV 19 FT INIT ALT: FL410 TTL F/P DIST: 1530 NM
FUEL BIAS: 100.5% TTL AIR DIST: 1351 NM
AVG WIND CMP: TL061 KT

ALT: KBDL/BDL 24 ELEV 173 FT 79 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	0	0	0	52960 ZFW	MAX 209106	258590	223167
						PLN 156146	181973	165231
						ACT .....	.....	.....

** TAKE-OFF DATA KIAH 15L **

COND: 181973 KG // RWY DRY // +11°C Q1017 340/08 // LMT: STRUCT
CONFIG: FLAPS 5 // D-T02 +64C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=118 VR=135 V2=135
ENG OUT: AT 4 DME 'IAH' 116.6 LT TO ITCPT R 085 'IAH' 116.6 TO 'COSBI' [21.8
DME 'IAH' 116.6] (265 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	16742	.....	02:57	
CONT 5%	837	.....	00:10	
ALTN KBDL	2282	.....	00:20	
FINAL RESV	2551	.....	00:30	
HOLD	1702	.....	00:20	
ADD FUEL	437	.....	00:05	
MIN T/O	24551	.....	04:21	.....
EXTRA	1276	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	780	.....	00:15	
RELEASE	26607	.....	04:51	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	8461	.....	01:28	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 59212 KG LIM BY LDW
TRIP CORR FOR 3000 KG TOW INCR: +178 KG / 3000 KG TOW DECR: -173 KG
2000 FT LOWER: +168 KG / EET 02:55 CLB: 250/310/84 DES: 84/320/250

	STD	ETA	ACT	EST	ACT
KIAH	13:15Z/07:15L	13:15Z	OFBL	T/O 13:30Z	T/O
KBOS	17:15Z/12:15L	16:39Z	ONBL	LDG 16:27Z	LDG
	SKD 04:00	PLN 03:24	TTL BLCK	FLT 02:57	FLT

ATC ROUTE: N0483F410 MMUGS4 GUSTI Q22 BEARI DCT THHMP DCT MAAXY DCT OOD J42 RBV
J222 JFK ROBUC3

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
KBDL/24	79	16000	061	HD022	00:20	2282	-	BOSOX V1 GRAYM

MOST CRITICAL MORA 7800 FT AT SPA

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA	FREQ WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO /	ACC ATO
	KIAH/15L		96	032				25.8 / 0.8		
	GEORGE BUSH INTERCON					1530	N2959.3 W09521.5	/.....		
MMUGS4	TTAPS	132	*CLB	032			9	24.7 / 1.9	03	00.03
			P06	271/048		1521	N2953.3 W09514.4	/.....		
MMUGS4	BOTLL	123	*CLB	032			7	24.3 / 2.3	01	00.04
			P08	266/057		1515	N2949.4 W09508.1	/.....		
MMUGS4	MMUGS	091	*CLB	032			8	24.0 / 2.6	01	00.05
			P10	263/068		1507	N2949.1 W09459.0	/.....		
MMUGS4	HHOPS	084	*CLB	032			11	23.6 / 3.0	01	00.06
			P09	262/082		1495	N2949.9 W09446.0	/.....		
MMUGS4	JAAYE	083	*CLB	032			23	23.0 / 3.6	03	00.09
			P07	262/091		1472	N2951.7 W09419.3	/.....		
	KMSY	090	*CLB	032			6	22.8 / 3.8	00	00.09
			P06	264/094		1466	N2951.5 W09412.8	/.....		
MMUGS4	SPINY	090	*CLB	032			9	22.6 / 4.0	01	00.10
			P07	262/094		1458	N2951.2 W09402.7	/.....		
MMUGS4	*TOC	081	FL410	032		483	24	22.2 / 4.4	02	00.12
			M02	264/089		572	1434	N2954.1 W09335.2	/.....	
MMUGS4	GUSTI	082	FL410	030		483	36	21.9 / 4.7	04	00.16
			M02	264/088		571	1398	N2958.3 W09254.6	/.....	
Q22	OYSTY	077	FL410	032		482	144	20.5 / 6.1	15	00.31
			M02	265/086		569	1254	N3028.3 W09011.8	/.....	
Q22	ACMES	074	FL410	032		482	98	19.6 / 7.0	11	00.42
			M03	266/087		567	1156	N3055.5 W08822.2	/.....	
	KATL	063	FL410	029			42	19.2 / 7.4	04	00.46
			M01	267/094		1113	N3116.3 W08739.3	/.....		
Q22	CATLN	063	FL410	022		482	4	19.2 / 7.4	01	00.47
			M03	266/088		559	1109	N3118.4 W08734.8	/.....	
Q22 -KZTL	*BDRY	053	FL410	022		482	4	19.1 / 7.5	00	00.47
			M03	266/088		558	1105	N3121.1 W08731.2	/.....	
Q22	TWOUP	053	FL410	051		481	242	16.9 / 9.8	26	01.13
			M03	262/096		561	863	N3353.8 W08349.1	/.....	
	KCLT	059	FL410	078			85	16.1 / 10.5	09	01.22
			M00	257/097		778	N3443.8 W08226.5	/.....		
Q22	SPA	061	FL410	077	115.70	484	31	15.8 / 10.8	04	01.26
	SPARTANBURG		M01	265/098		567	747	N3502.0 W08155.6	/.....	
Q22	NYBLK	060	FL410	077		484	54	15.3 / 11.3	05	01.31
			M01	267/095		560	693	N3534.6 W08102.6	/.....	
Q22	MASHI	061	FL410	077		484	40	14.9 / 11.7	05	01.36
			M02	268/094		559	653	N3558.3 W08023.1	/.....	
Q22	KIDDO	062	FL410	062		484	21	14.7 / 11.9	02	01.38

				M02 268/094	558	632	N3610.6	W08002.4	/.....
	KIAD	062	FL410	062		3	14.7 / 11.9	00	01.38
				M02 258/092		629	N3612.4	W07959.3	/.....
Q22 -KZDC	*BDRY	062	FL410	044	10	0	14.7 / 11.9	00	01.38
				M02 269/094	11	628	N3612.7	W07958.8	/.....
Q22	OMENS	062	FL410	044	484	63	14.1 / 12.5	07	01.45
				M02 269/091	557	566	N3649.5	W07855.5	/.....
Q22	BEARI	064	FL410	063	484	39	13.7 / 12.9	04	01.49
				M03 269/087	555	526	N3712.0	W07815.4	/.....
DCT	THHMP	078	FL410	063	483	48	13.3 / 13.3	05	01.54
				M02 271/084	562	478	N3729.5	W07719.2	/.....
DCT	MAAXY	044	FL410	027	486	53	12.8 / 13.8	06	02.00
				M02 271/076	523	425	N3813.3	W07642.2	/.....
DCT	OOD WOODSTOWN	048	FL410	027 112.80	487	107	11.7 / 14.9	13	02.13
				M01 274/066	522	318	N3938.2	W07518.2	/.....
	KJFK	059	FL410	027		11	11.6 / 15.0	01	02.14
				M01 264/071		307	N3945.5	W07507.9	/.....
J42	DAVYS	060	FL410	027	488	15	11.4 / 15.2	02	02.16
				M01 275/064	528	293	N3955.4	W07453.8	/.....
J42 -KZNY	BRAND	060	FL410	031	487	10	11.3 / 15.3	01	02.17
				M01 275/063	529	283	N4002.1	W07444.2	/.....
J42 -KZDC	RBV ROBBINSVILLE	060	FL410	031 113.80	488	15	11.2 / 15.4	01	02.18
				M01 276/061	528	268	N4012.2	W07429.7	/.....
J222 -KZNY	LAURN	052	FL410	031	488	27	10.9 / 15.7	04	02.22
				M01 279/058	515	241	N4033.1	W07407.2	/.....
J222	JFK KENNEDY NEW YORK	086	FL410	031 115.90	487	17	10.8 / 15.8	01	02.23
				M01 280/058	539	224	N4038.0	W07346.3	/.....
ROBUC3 -KZBW	NEWES	061	FL410	031	488	20	10.6 / 16.0	03	02.26
				M00 281/059	522	204	N4051.3	W07326.7	/.....
ROBUC3	FEXXX	061	FL410	047	489	32	10.2 / 16.4	03	02.29
				M00 284/061	521	172	N4112.7	W07255.0	/.....
ROBUC3	RUIZE	076	FL410	042	488	36	9.9 / 16.7	04	02.33
				M00 288/064	532	136	N4128.8	W07212.6	/.....
ROBUC3	*TOD	078	FL410	042	488	10	9.8 / 16.8	02	02.35
				P00 289/065	531	127	N4132.9	W07201.2	/.....
ROBUC3	AWLIN	078	*DES	042		1	9.8 / 16.8	00	02.35
				M00 290/066		126	N4133.4	W07200.0	/.....
ROBUC3	BANKI	082	*DES	027		6	9.8 / 16.8	00	02.35
				M02 290/075		119	N4135.7	W07152.1	/.....
	KBOS	082	*DES	027		4	9.8 / 16.8	01	02.36
				P00 278/082		115	N4137.3	W07146.7	/.....
ROBUC3	ROBUC	083	*DES	027		9	9.8 / 16.8	01	02.37
				M01 288/077		106	N4140.7	W07135.1	/.....

ROBUC3	PROVI	083	*DES 027 M00 290/076	7 98	9.8 / 16.8 N4143.4 W07125.9	01 02.38/.....
ROBUC3	JOODY	074	*DES 027 P00 293/070	7 91	9.7 / 16.9 N4147.1 W07117.3	01 02.39/.....
ROBUC3	KRANN	075	*DES 027 P01 298/061	8 82	9.7 / 16.9 N4151.3 W07107.4	01 02.40/.....
ROBUC3	CRADL	074	*DES 027 P00 303/048	19 64	9.7 / 16.9 N4200.6 W07045.8	02 02.42/.....
ROBUC3	KLEBB	063	*DES 021 M01 303/043	9 55	9.6 / 17.0 N4206.5 W07037.0	01 02.43/.....
ROBUC3	ETHYN	026	*DES 021 M01 303/036	13 41	9.6 / 17.0 N4219.6 W07033.3	03 02.46/.....
ROBUC3	PTRIK	331	*DES 021 M07 309/031	17 25	9.4 / 17.1 N4231.6 W07049.2	03 02.49/.....
ROBUC3	TAALE	035	*DES 021 M10 309/027	6 18	9.4 / 17.2 N4237.6 W07046.3	01 02.50/.....
ROBUC3	KBOS/22L LOGAN INTL	229	19 049	18	9.1 / 17.5 N4222.4 W07100.1	07 02.57/.....

WIND INFORMATION - OBS 23/NOV 00:00

(CLIMB) OYSTY ACMES TWOUN
FL400 264/092 -56 FL450 268/079 -65 FL450 271/082 -65 FL450 269/089 -62
FL320 262/093 -42 FL430 267/083 -62 FL430 269/085 -62 FL430 266/094 -61
FL240 263/083 -24 FL410 266/087 -59 FL410 267/087 -59 FL410 263/097 -60
16000 264/061 -8 FL390 264/091 -55 FL390 264/090 -56 FL390 259/100 -59
8000 274/039 +5 FL370 263/090 -52 FL370 263/087 -53 FL370 257/097 -55

SPA MASHI OMENS THHMP
FL450 270/077 -59 FL450 272/072 -59 FL450 275/070 -60 FL450 278/068 -59
FL430 268/087 -58 FL430 270/083 -59 FL430 272/080 -59 FL430 275/076 -59
FL410 265/099 -58 FL410 269/095 -59 FL410 269/092 -59 FL410 271/084 -59
FL390 263/112 -57 FL390 267/109 -58 FL390 267/104 -58 FL390 268/093 -59
FL370 260/110 -55 FL370 264/110 -56 FL370 265/105 -56 FL370 267/092 -56

OOD LAURN (DESCENT)
FL450 281/049 -57 FL450 282/044 -56 FL400 302/072 -57
FL430 277/057 -57 FL430 281/050 -57 FL320 301/076 -50
FL410 274/067 -57 FL410 279/058 -57 FL240 302/065 -31
FL390 272/077 -58 FL390 278/067 -58 16000 308/051 -16
FL370 270/078 -56 FL370 275/067 -56 8000 311/037 -5

END FLIGHTPLAN 03557 TCC915B PJTGD KIAH-KBOS 23NOV2019

[ATC FLIGHTPLAN]

(FPL-TCC915B-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-KIAH1315
-N0483F410 MMUGS4 GUSTI Q22 BEARI DCT THMP DCT MAAXY DCT OOD
J42 RBV J222 JFK ROBUC3
-KBOS0257 KBDL
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/191123 REG/PJTGD
EET/KZTL0047 KZDC0138 KZNY0217 KZBW0226
SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/D
RMK/TCAS
-E/0436)

[PLANNING WEATHER]

ORIGIN: KIAH/IAH (GEORGE BUSH INTERCONTINENTAL/H, UNITED STATES) UTC -06:00

KIAH 230653Z 35011KT 10SM FEW017 BKN065 BKN085 11/07 A3004 RMK A02 SLP173
T01110072
KIAH 230712Z 2307/2412 34010KT P6SM FEW015 OVC050
FM231300 34008KT P6SM SCT250
FM240100 35003KT P6SM SKC

DESTINATION: KBOS/BOS (LOGAN INTL, UNITED STATES) UTC -05:00

KBOS 230654Z 27013G19KT 10SM FEW050 03/M08 A2986 RMK A02 SLP110 T00281083
KBOS 230538Z 2306/2412 29013G27KT P6SM SKC
FM231600 26010G19KT P6SM SKC
FM232300 23008KT P6SM FEW250
FM240900 22003KT P6SM VCSH OVC070
FM241000 13004KT P6SM VCSH OVC050
FM241100 09005KT 6SM -RA BR OVC030

ALTERNATE: KBDL/BDL (BRADLEY INTL, UNITED STATES) UTC -05:00

KBDL 230651Z 30010KT 10SM FEW045 02/M07 A2992 RMK A02 SLP133 T00171072
KBDL 230538Z 2306/2412 30010KT P6SM SKC
FM231200 27006KT P6SM SKC
FM232300 18003KT P6SM BKN250
FM240700 11003KT 5SM BR VCSH OVC050
FM240800 05003KT 4SM -RA BR OVC030
FM240900 02003KT 3SM -RA BR OVC008

ADEQUATE: KMSY/MSY (ARMSTRONG NEW ORLEANS INTL, UNITED STATES) UTC -06:00

KMSY 230653Z 19006KT 8SM FEW036 BKN060 21/19 A2993 RMK A02 SLP139
T02060189
KMSY 230529Z 2306/2412 18008KT P6SM SCT025 BKN060
FM231030 21008KT 5SM -SHRA SCT012 OVC020
FM231300 25008KT 5SM -SHRA SCT010 OVC020
FM231530 31009KT P6SM VCSH SCT020 BKN050
FM231700 31011KT P6SM SCT060 BKN090
FM240800 34009KT P6SM FEW140 FEW250

ADEQUATE: KATL/ATL (HARTSFIELD - JACKSON ATLANTA I, UNITED STATES) UTC -05:00

KATL 230652Z 23003KT 10SM FEW036 SCT110 BKN180 BKN250 16/13 A2997 RMK A02
SLP146 T01560133
KATL 230543Z 2306/2412 19005KT P6SM VCSH OVC025
FM230800 20005KT 3SM -RA BR SCT005 OVC015
FM231200 19007KT 3SM -RA BR SCT004 OVC008
FM231600 19009KT 5SM SHRA BR OVC010
PROB30 2316/2322 4SM TSRA BKN010CB
FM232200 25010KT P6SM BKN015
FM240200 29012G20KT P6SM BKN035

ADEQUATE: KCLT/CLT (CHARLOTTE/DOUGLAS INTL, UNITED STATES)

UTC -05:00

KCLT 230652Z 14003KT 8SM FEW020 OVC025 14/11 A3000 RMK A02 SLP155
T01440111
KCLT 230537Z 2306/2412 11003KT P6SM OVC030
FM230800 08004KT P6SM OVC026
FM231000 07006KT P6SM OVC018
TEMPO 2310/2314 4SM -RA OVC007
FM231400 08006KT 4SM -RA BR OVC007
FM231700 16007KT 4SM SHRA BR OVC005
FM240400 25008KT P6SM BKN012
FM240600 29007KT P6SM BKN040

ADEQUATE: KIAD/IAD (WASHINGTON DULLES INTL, UNITED STATES)

UTC -05:00

KIAD 230652Z VRB03KT 10SM FEW250 01/M03 A3008 RMK A02 SLP187 T00111033
KIAD 230537Z 2306/2412 VRB03KT P6SM FEW250
FM232100 16006KT P6SM -RA OVC050
FM232300 16006KT 5SM -RA OVC010
FM240600 00000KT 3SM -RA OVC008
FM240900 31005KT 4SM BR BKN025

ADEQUATE: KJFK/JFK (KENNEDY INTL, UNITED STATES)

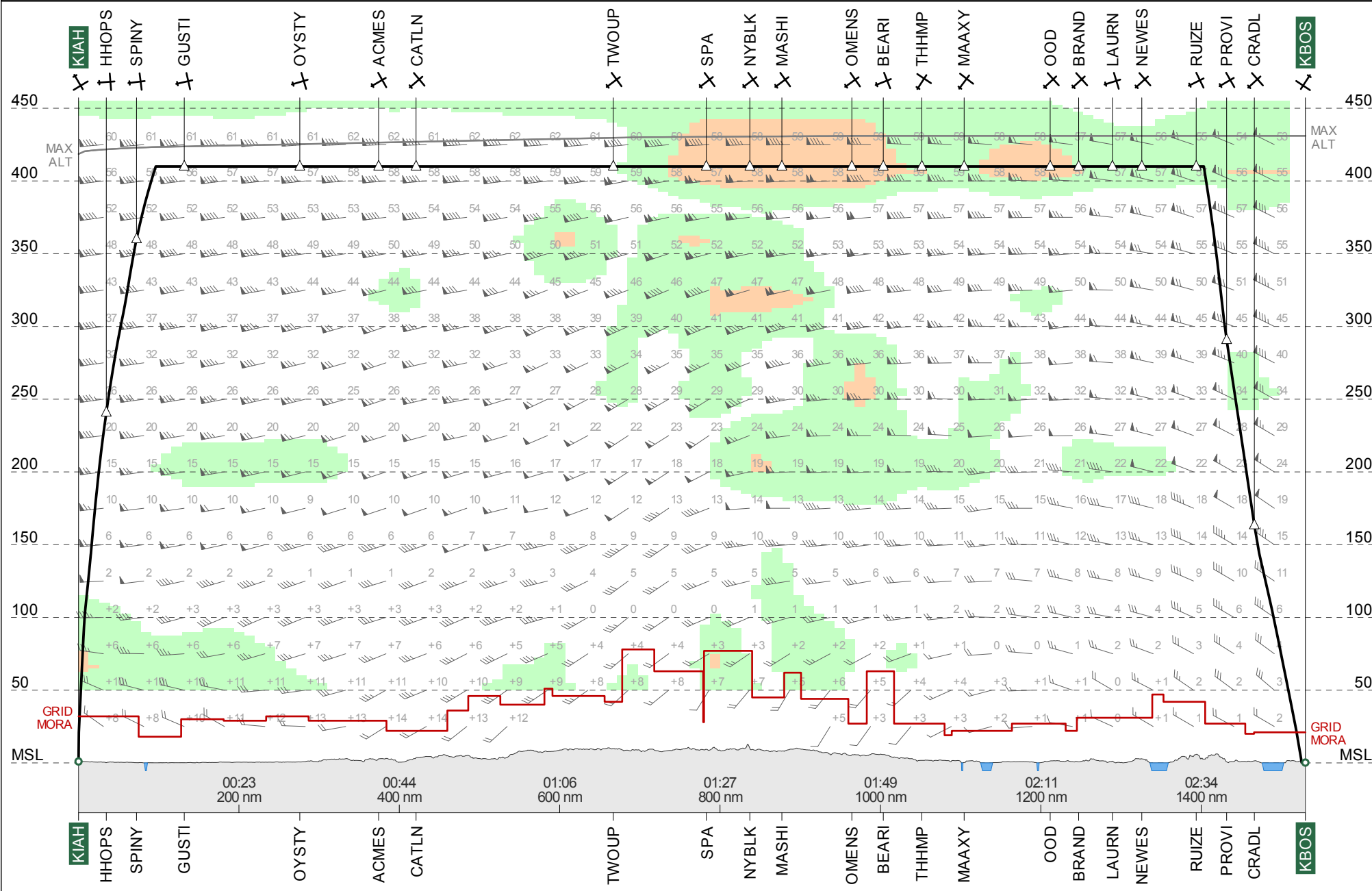
UTC -05:00

KJFK 230651Z 31013KT 10SM CLR 03/M06 A3001 RMK A02 SLP162 T00281061 /
KJFK 230550Z 2306/2412 30013G20KT P6SM SKC
FM230800 30011KT P6SM SKC
FM231400 27009KT P6SM SKC
FM231800 25008KT P6SM SCT250
FM232100 22008KT P6SM SCT150 BKN250
FM240400 VRB05KT 6SM -RA SCT010 BKN035 OVC050
FM240600 VRB04KT 3SM RA BKN010 OVC030
FM240700 VRB04KT 2SM RA BR OVC008

TR915B #1

KIAH → KBOS

ETD 23 Nov 13:15z
PJTGD B77L

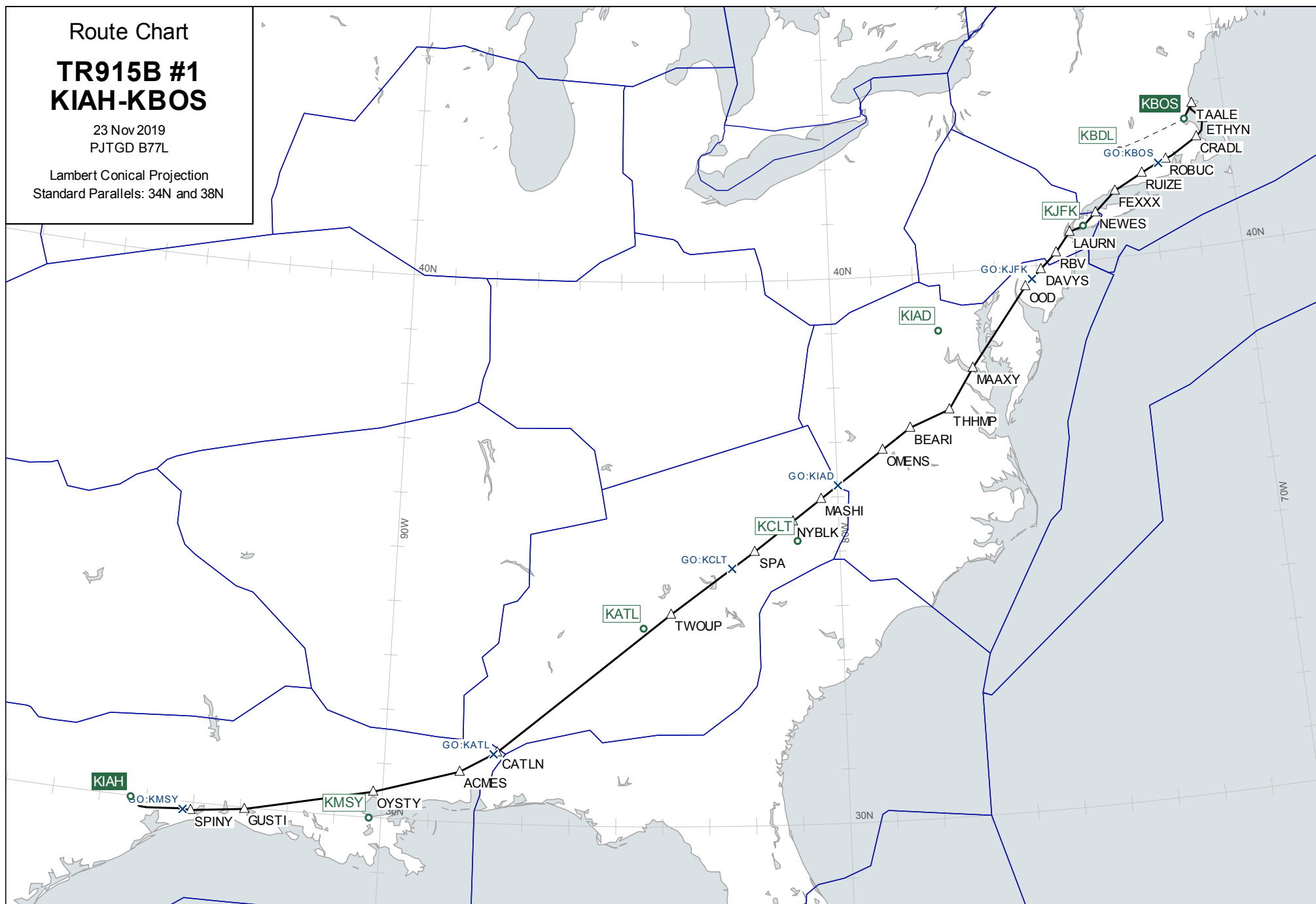


Route Chart

TR915B #1 KIAH-KBOS

23 Nov 2019
PJTGD B77L

Lambert Conical Projection
Standard Parallels: 34N and 38N



Wind Chart

FL410

TR915B #1 KIAH-KBOS

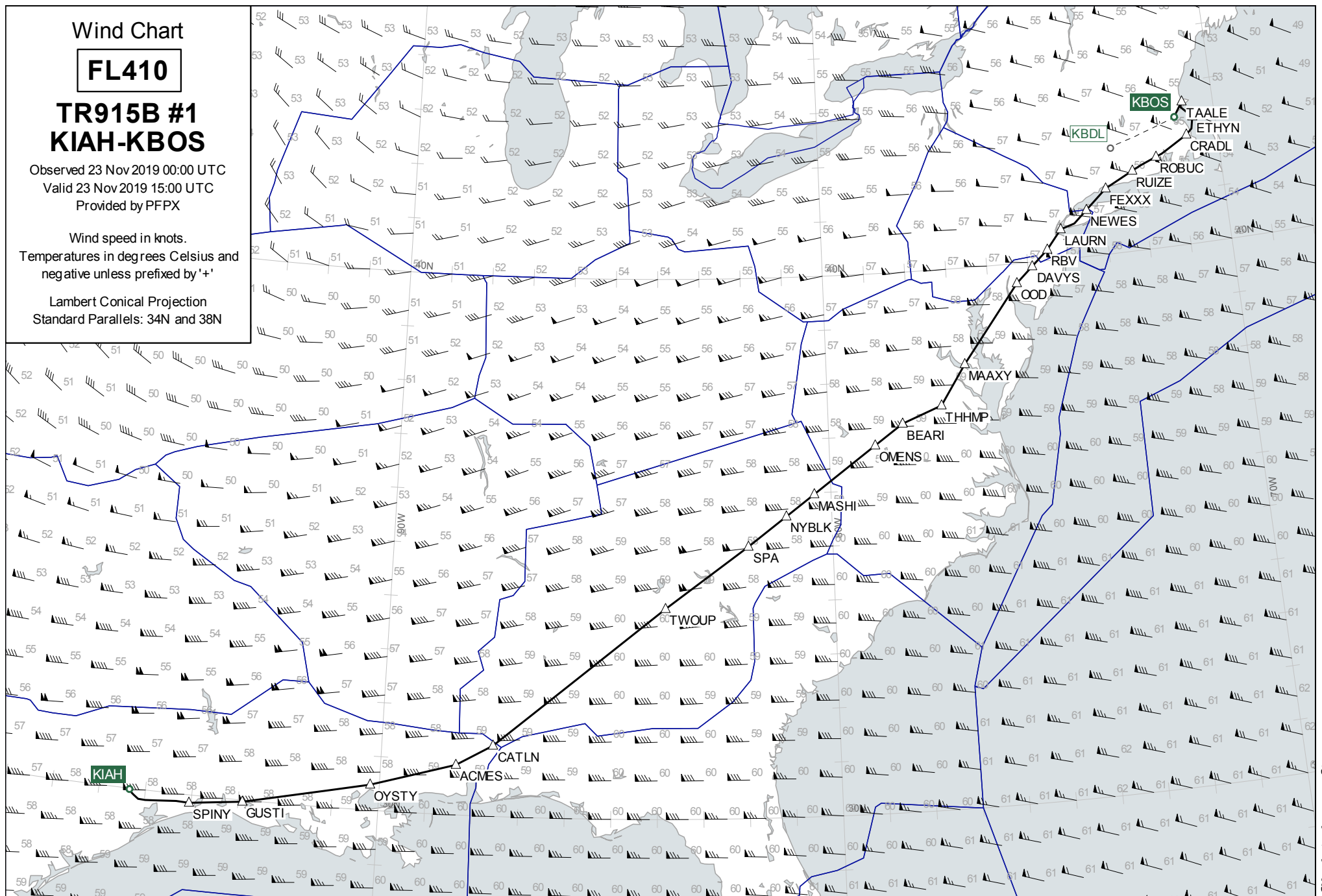
Observed 23 Nov 2019 00:00 UTC

Valid 23 Nov 2019 15:00 UTC

Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 34N and 38N



Wind Chart

FL370

TR915B #1 KIAH-KBOS

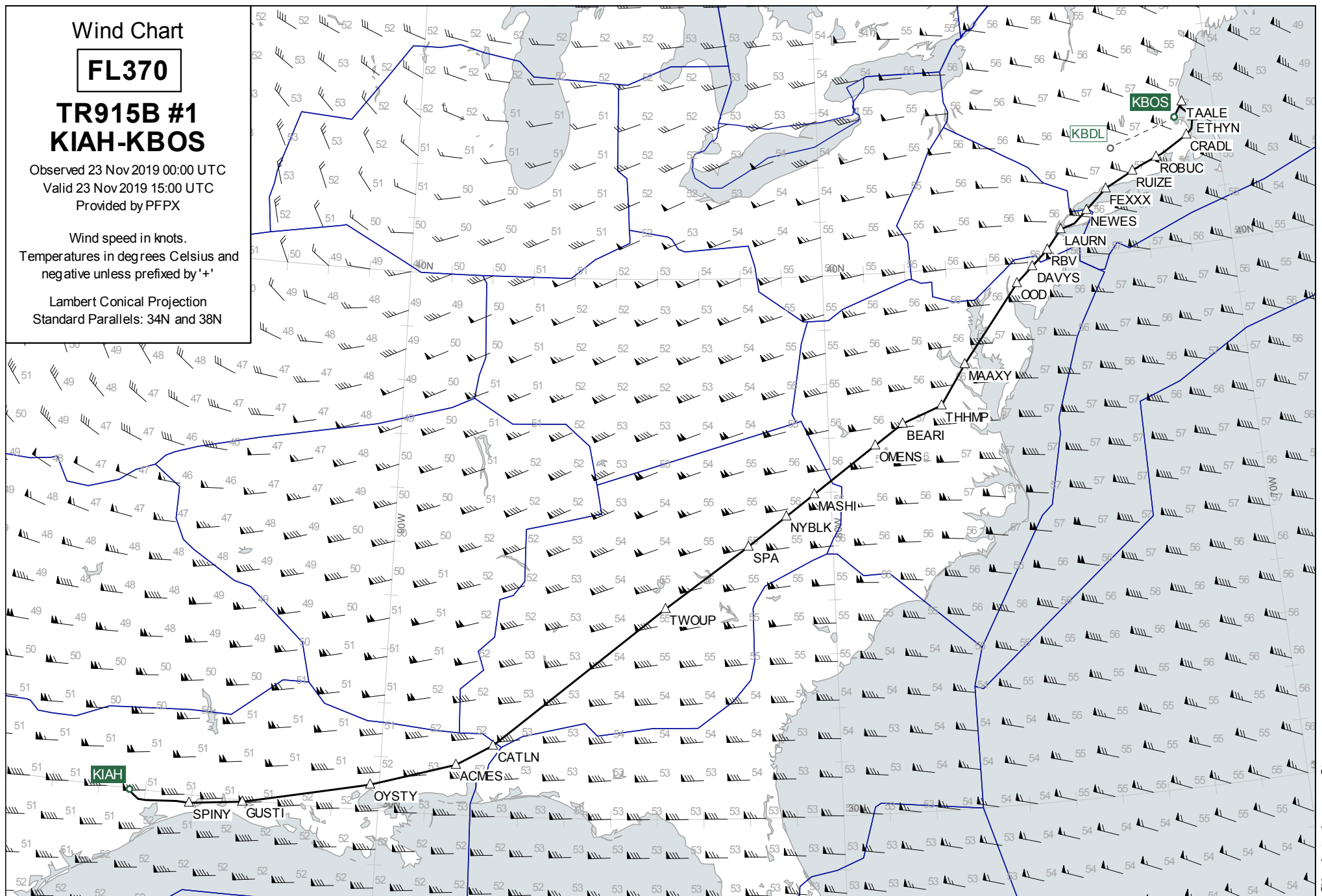
Observed 23 Nov 2019 00:00 UTC

Valid 23 Nov 2019 15:00 UTC

Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 34N and 38N



Wind Chart

FL450

TR915B #1
KIAH-KBOS

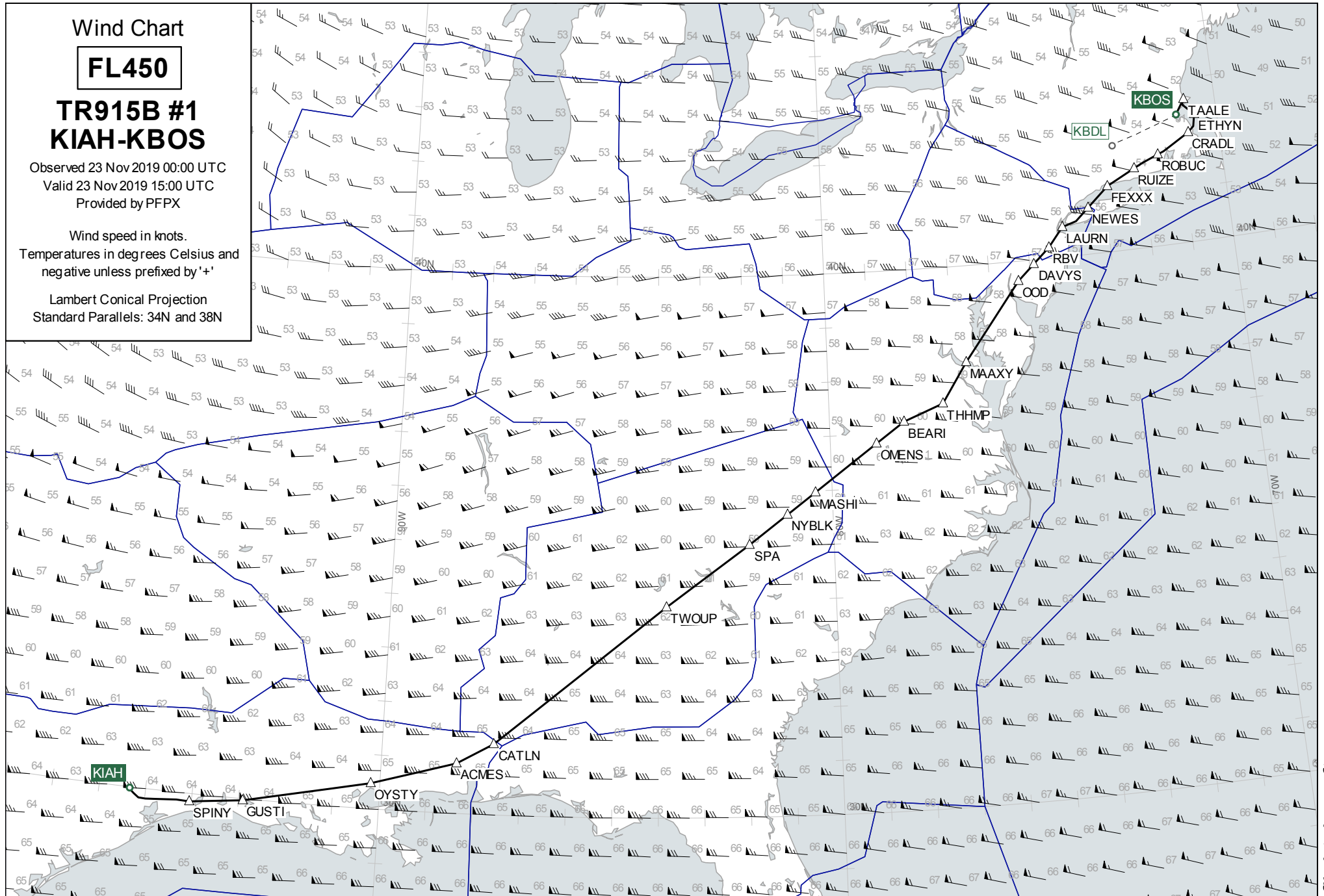
Observed 23 Nov 2019 00:00 UTC

Valid 23 Nov 2019 15:00 UTC

Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 34N and 38N



Destination Area

16000

TR915B #1 KIAH-KBOS

Observed 23 Nov 2019 00:00 UTC

Valid 23 Nov 2019 16:00 UTC

Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection
Standard Parallels: 40N and 44N

