



Flight Briefing Package

TCC216C KPDX-WSSS

09-Sep-2023 #1

RELEASE #1

PORTLAND INTL
(UNITED STATES)

-

CHANGI
(SINGAPORE)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

09 SEP 1612 UTC

TCC216C KPDX-WSSS (09-Sep-2023) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC216C PJTGE KPDX-WSSS

 ALL WEIGHTS IN KILOGRAMS (KG) STD 09SEP/1855Z

OPF 1 - PREPARED 09SEP/1612Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR216C/TCC216C PJTGE/B777-2LR GE SEL/EGAP ROUTE: KPDXWSSS01

DEP: KPDX/PDX 28L ELEV 31 FT COST INDEX: 250 TTL G/C DIST: 7071 NM
 ARR: WSSS/SIN 20R ELEV 22 FT INIT ALT: FL300 TTL F/P DIST: 7238 NM
 FUEL BIAS: 102.5% TTL AIR DIST: 7494 NM
 AVG WIND CMP: HD017 KT

ALT: WMKK/KUL 33 ELEV 69 FT 200 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156746	265	0	26235	25217 LDW	MAX 209106	351378	223167
						PLN 182981	313852	197950
						ACT .....	.....	.....

 ** TAKE-OFF DATA KPDX 28L **

COND: 313852 KG // RWY DRY // +17•C Q1020 CALM // LMT: STRUCT
 CONFIG: FLAPS 15 // D-TO +44C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=159 VR=165 V2=168
 ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	115902	.....	15:22	
CONT 5%	5795	.....	00:56	
ALTN WMKK	4337	.....	00:34	
FINAL RESV	3105	.....	00:30	
ADD FUEL	1717	.....	00:17	
MIN T/O	130856	.....	17:39	.....
EXTRA	15	.....	00:00	CAPTAINS SIGNATURE (....)
TAXI	20	.....	00:15	
RELEASE	130891	.....	17:54	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	14299	.....	02:07	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 25232 KG LIM BY LDW
 TRIP CORR FOR 5000 KG TOW INCR: +1415 KG / 5000 KG TOW DECR: -1685 KG
 2000 FT LOWER: +918 KG / EET 15:12 CLB: 250/310/84 DES: 84/320/250

KPDX	STD 18:55Z/11:55L	ETD 18:55Z	ACT OFBL	EST T/O 19:10Z	ACT T/O
WSSS	STA 11:35Z/19:35L	ETA 10:42Z	ACT ONBL	EST LDG 10:32Z	ACT LDG
	SKD 16:40	PLN 15:47	TTL BLCK	EST FLT 15:22	TTL FLT

***** 180 MIN ETOPS CRITICAL FUEL SUMMARY *****

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (KPDX)	320 NM BEFORE KATCH	N50 03.7 W130 09.8	EET 00:59
ETOPS EXIT (PANC)	65 NM BEFORE HMPTN	N55 46.3 W142 13.4	EET 02:03
ETOPS ENTRY (PANC)	106 NM BEFORE CHUUK	N58 02.7 W161 52.4	EET 03:24

TCC216C KPDX-WSSS (09-Sep-2023) #1

ETOPS EXIT (PASY)	128 NM BEFORE EDWAL	N56 35.4 W176 19.1	EET 04:29
ETOPS ENTRY (PASY)	133 NM BEFORE NRKEY	N51 26.6 E163 17.8	EET 06:19
ETOPS EXIT (PASY)	196 NM BEFORE NUBDA	N44 41.2 E150 39.5	EET 07:49

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

KPDX (21:09-22:25)
PANC (22:07-00:57)
PASY (00:43-05:36)

ONE ENGINE OUT DECOMP ETP 1 FOR KPDX/PANC	N52 56.4 W134 16.8	EET 01:26
84/320/250 DESC TO FL100 CRUISE AT 1E0320	89 NM BEFORE KATCH	
PLN FUEL OVER ETP 115050 ETP FUEL REQ 17997	DIV TIME 01:49	
ETP TO KPDX (N45 35.3 W122 35.8) DIST 635 NM	WC HD021 TT 129	
ETP TO PANC (N61 10.5 W149 59.9) DIST 710 NM	WC TL026 TT 320	
*** FUEL DUMP REQUIRED ***		

ALL ENGINE DECOMP ETP 1 FOR KPDX/PANC	N52 56.4 W134 16.8	EET 01:26
84/320/250 DESC TO FL100 CRUISE AT AE320	89 NM BEFORE KATCH	
PLN FUEL OVER ETP 115050 ETP FUEL REQ 17123	DIV TIME 01:49	
ETP TO KPDX (N45 35.3 W122 35.8) DIST 635 NM	WC HD021 TT 129	
ETP TO PANC (N61 10.5 W149 59.9) DIST 710 NM	WC TL026 TT 320	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT ETP 1 FOR KPDX/PANC	N52 57.1 W134 17.9	EET 01:26
1E084/320 DESC TO FL206 CRUISE AT 1E0320	88 NM BEFORE KATCH	
PLN FUEL OVER ETP 115033 ETP FUEL REQ 17719	DIV TIME 01:34	
ETP TO KPDX (N45 35.3 W122 35.8) DIST 636 NM	WC HD016 TT 129	
ETP TO PANC (N61 10.5 W149 59.9) DIST 709 NM	WC TL034 TT 320	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT DECOMP ETP 2 FOR PANC/PASY	N57 29.9 W170 04.5	EET 04:00
84/320/250 DESC TO FL100 CRUISE AT 1E0320	128 NM BEFORE CREMR	
PLN FUEL OVER ETP 93069 ETP FUEL REQ 16807	DIV TIME 01:47	
ETP TO PANC (N61 10.5 W149 59.9) DIST 651 NM	WC TL003 TT 062	
ETP TO PASY (N52 42.7 E174 06.8) DIST 613 NM	WC HD025 TT 249	
*** FUEL DUMP REQUIRED ***		

ALL ENGINE DECOMP ETP 2 FOR PANC/PASY	N57 29.9 W170 04.5	EET 04:00
84/320/250 DESC TO FL100 CRUISE AT AE320	128 NM BEFORE CREMR	
PLN FUEL OVER ETP 93069 ETP FUEL REQ 16010	DIV TIME 01:47	
ETP TO PANC (N61 10.5 W149 59.9) DIST 651 NM	WC TL003 TT 062	
ETP TO PASY (N52 42.7 E174 06.8) DIST 613 NM	WC HD025 TT 249	
*** FUEL DUMP REQUIRED ***		

ONE ENGINE OUT ETP 2 FOR PANC/PASY	N57 24.0 W170 46.8	EET 04:03
1E084/320 DESC TO FL211 CRUISE AT 1E0320	105 NM BEFORE CREMR	
PLN FUEL OVER ETP 92634 ETP FUEL REQ 16799	DIV TIME 01:34	
ETP TO PANC (N61 10.5 W149 59.9) DIST 674 NM	WC TL011 TT 062	
ETP TO PASY (N52 42.7 E174 06.8) DIST 590 NM	WC HD048 TT 248	
*** FUEL DUMP REQUIRED ***		

ATC ROUTE: N0498F300 DCT HQM J501 TOU DCT DOLFF DCT KATCH DCT HMPTN/N0496F320
DCT GRIZZ DCT CJAYY DCT 58N160W/N0496F340 DCT CHUUK DCT CREMR DCT
EDWAL DCT NATES DCT NIKLL DCT NYMPH DCT NUZAN DCT NRKEY DCT

TCC216C KPDX-WSSS (09-Sep-2023) #1

NIPPI/N0498F350 R220 NUBDA/N0496F360 R220 IXE Y88 NAKTU Y12 SHIMA
 V52 KEC Y24 SUC B597 QUEEN/N0490F380 B597 SEPIA Y26 IGURU Q13
 KABAM/N0489F390 N892 MABAL MABA2B

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 WMKK/33 200 FL300 054 TL007 00:34 4337 - MASB4F MASBO A457 SAPAT

MOST CRITICAL MORA 14700 FT AT OSPAN

AWY WAYPOINT MT ALT MSA FREQ TAS LEG FUEL REM / USED LEG ACC
-FIR NAME ISA WND/SPD GS REM POSITION ETO / ATO

KPDX/28L 31 076 130.9 / 0.0
 PORTLAND INTL 7238 N4534.8 W12235.0/.....

DCT *TOC 308 FL300 076 498 96 125.5 / 5.4 16 00.16
 P02 174/010 507 7142 N4649.7 W12400.7/.....

DCT HQM 307 FL300 038 **117.70** 498 9 125.3 / 5.6 01 00.17
 HOQUIAM P02 175/011 507 7132 N4656.8 W12409.0/.....

J501 WAPTO 339 FL300 065 498 32 124.7 / 6.2 04 00.21
 P02 170/013 511 7101 N4728.3 W12413.8/.....

J501 TOU 327 FL300 074 **112.20** 498 52 123.8 / 7.1 06 00.27
 TATOOSH NEAH BAY P02 169/016 515 7048 N4818.0 W12437.6/.....

DCT DOLFF 257 FL300 074 499 135 121.4 / 9.5 16 00.43
 -CZVR P02 202/011 496 6913 N4820.0 W12800.0/.....

----- ETOPS ENTRY (KPDX) 0320 NM BEFORE KATCH EET 00:59 -----

*ETP 1 304 FL300 052 499 365 115.1 / 15.8 43 01.26
 KPDX/PANC P02 189/051 525 6548 N5256.4 W13416.8/.....

DCT KATCH 300 FL300 010 498 89 113.6 / 17.3 10 01.36
 -PAZA P02 183/063 535 6459 N5400.0 W13600.0/.....

----- ETOPS EXIT (PANC) 0065 NM BEFORE HMPTN EET 02:03 -----

DCT HMPTN 278 *CLB 010 305 108.6 / 22.3 34 02.10
 M01 170/074 6154 N5611.7 W14400.1/.....

DCT GRIZZ 277 FL320 010 496 159 105.8 / 25.1 19 02.29
 P03 280/018 486 5996 N5706.9 W14830.1/.....

DCT CJAYY 274 FL320 010 496 69 104.5 / 26.4 09 02.38
 P02 289/029 466 5926 N5727.9 W15031.9/.....

DCT 58N60 266 *CLB 093 305 99.1 / 31.8 39 03.17
 58N160W P05 290/025 5621 N5800.0 W16000.0/.....

----- ETOPS ENTRY (PANC) 0106 NM BEFORE CHUUK EET 03:24 -----

TCC216C KPDX-WSSS (09-Sep-2023) #1

DCT	CHUUK	262	FL340	037	496	166	96.0 / 34.9	21	03.38	
					P07	299/062	442 5455	N5803.5	W16512.9/.....
	*ETP 2	251	FL340	020	496	183	92.6 / 38.3	25	04.03	
	PANC/PASY				P06	295/071	440 5273	N5724.0	W17046.8/.....
DCT	CREMR	249	FL340	020	497	105	90.7 / 40.2	14	04.17	
					P08	294/081	435 5167	N5654.9	W17352.1/.....
----- ETOPS EXIT (PASY) 0128 NM BEFORE EDWAL EET 04:29 -----										
DCT	EDWAL	252	FL340	010	498	211	86.7 / 44.2	30	04.47	
					P07	255/073	425 4957	N5600.0	E18000.0/.....
DCT	NATES	258	FL340	010	497	281	81.5 / 49.4	39	05.26	
					P06	251/065	431 4676	N5456.0	E17158.5/.....
DCT	NIKLL	232	FL340	010	496	121	79.3 / 51.6	17	05.43	
					P05	253/069	432 4555	N5337.6	E16920.6/.....
DCT	NYMPH	244	FL340	010	496	41	78.5 / 52.4	06	05.49	
					P05	254/069	428 4514	N5318.2	E16820.8/.....
DCT	NUZAN	244	FL340	010	496	198	74.9 / 56.0	28	06.17	
					P04	263/076	427 4316	N5136.4	E16342.1/.....
----- ETOPS ENTRY (PASY) 0133 NM BEFORE NRKEY EET 06:19 -----										
DCT	NRKEY	242	FL340	010	499	151	72.1 / 58.7	21	06.38	
					P06	271/083	429 4164	N5011.7	E16023.4/.....
DCT	NIPPI	240	*CLB	010		50	71.3 / 59.6	07	06.45	
-RJJJ					P07	272/088	4115	N4942.6	E15920.8/.....
R220	NOGAL	239	FL350	010	498	330	65.5 / 65.4	46	07.31	
					P08	267/060	449 3784	N4613.0	E15300.2/.....
----- ETOPS EXIT (RJCC) 0196 NM BEFORE NUBDA EET 07:49 -----										
R220	NUBDA	234	*CLB	010		331	60.1 / 70.8	43	08.14	
					P10	261/046	3454	N4223.5	E14728.6/.....
R220	NANNO	232	FL360	010	496	40	59.4 / 71.5	06	08.20	
					P10	254/041	459 3414	N4155.0	E14651.6/.....
R220	NODAN	232	FL360	010	496	123	57.5 / 73.4	16	08.36	
					P10	239/030	465 3291	N4025.2	E14459.8/.....
R220	NANAC	231	FL360	010	496	122	55.6 / 75.3	15	08.51	
					P10	240/030	467 3168	N3854.4	E14313.7/.....
R220	NIKON	234	FL360	010	496	50	54.9 / 76.0	07	08.58	
					P10	231/030	466 3118	N3819.2	E14228.2/.....
R220	BEKEN	234	FL360	010	496	27	54.5 / 76.4	03	09.01	
					P10	227/030	465 3091	N3800.4	E14203.7/.....
	RJGG	234	FL360	016		38	53.9 / 77.0	05	09.06	

TCC216C KPDX-WSSS (09-Sep-2023) #1

				P10 209/034	3053	N3733.5	E14129.4/.....
R220	IXE	233	FL360	090 117.70	496 35	53.4 / 77.5	05 09.11	
	IWAKI			P10 214/032	464 3018	N3708.9	E14058.5/.....
Y88	DAIGO	239	FL360	090	496 39	52.8 / 78.1	05 09.16	
				P10 208/033	465 2980	N3644.7	E14021.0/.....
Y88	HAGAR	245	FL360	047	496 18	52.5 / 78.4	02 09.18	
				P10 205/034	466 2962	N3634.9	E14002.4/.....
Y88	NIKKO	245	FL360	108	496 10	52.3 / 78.5	01 09.19	
				P10 203/034	466 2951	N3629.3	E13951.8/.....
Y88	AKAGI	242	FL360	108	496 10	52.2 / 78.7	01 09.20	
				P10 201/034	466 2942	N3623.5	E13941.9/.....
Y88	GYODA	242	FL360	108	496 23	51.8 / 79.0	03 09.23	
				P10 197/035	467 2918	N3609.8	E13918.7/.....
Y88	TEPEX	253	FL360	110	496 23	51.5 / 79.4	03 09.26	
				P10 195/034	471 2895	N3600.3	E13853.0/.....
Y88	OSPAN	253	FL360	147	496 15	51.3 / 79.6	02 09.28	
				P10 192/031	473 2880	N3553.8	E13835.8/.....
Y88	PIGAP	253	FL360	147	496 15	51.1 / 79.8	02 09.30	
				P10 189/029	476 2865	N3547.4	E13819.0/.....
Y88	TENRU	253	FL360	147	496 17	50.8 / 80.1	02 09.32	
				P10 186/026	478 2848	N3540.2	E13800.4/.....
Y88	SUGAL	254	FL360	147	496 11	50.7 / 80.2	02 09.34	
				P10 184/026	482 2837	N3535.6	E13747.7/.....
Y88	NAKTU	253	FL360	124	496 18	50.4 / 80.5	02 09.36	
				P10 180/026	482 2819	N3528.0	E13727.8/.....
Y12	POTEB	217	FL360	124	496 22	50.1 / 80.8	03 09.39	
				P10 180/026	473 2797	N3508.7	E13714.9/.....
Y12	KOHWA	216	FL360	124	496 30	49.6 / 81.3	04 09.43	
				P10 177/023	476 2767	N3442.3	E13657.5/.....
Y12	SHIMA	225	FL360	079	496 30	49.2 / 81.7	03 09.46	
				P10 173/021	480 2737	N3418.3	E13635.3/.....
V52	AYANO	226	FL360	079	496 16	49.0 / 81.9	02 09.48	
				P10 170/020	481 2721	N3405.8	E13623.6/.....
V52	KEC	225	FL360	079 112.90	496 49	48.3 / 82.6	06 09.54	
	KUSHIMOTO			P10 160/021	484 2672	N3326.9	E13547.7/.....
Y24	ALBAT	262	FL360	055	495 18	48.0 / 82.9	03 09.57	
				P10 159/024	496 2653	N3321.9	E13526.5/.....
Y24	HALON	260	FL360	088	495 23	47.7 / 83.2	03 10.00	
				P09 159/027	496 2630	N3314.9	E13459.8/.....

TCC216C KPDX-WSSS (09-Sep-2023) #1

Y24	TURFY	262	FL360	088	495	19	47.4 / 83.5	02	10.02	
			P09	159/031	497	2611	N3309.8 E13438.5/.....		
Y24	JAKAL	261	FL360	088	495	21	47.1 / 83.8	02	10.04	
			P09	158/037	497	2590	N3303.7 E13414.1/.....		
Y24	GREEN	262	FL360	088	495	35	46.6 / 84.2	05	10.09	
			P10	156/044	498	2555	N3253.9 E13334.0/.....		
Y24	SUC SHIMIZU	261	FL360	042	115.20	495	30	46.2 / 84.7	03	10.12
			P10	156/049	499	2525	N3245.4 E13259.8/.....		
B597	MADOG	227	FL360	042	497	49	45.5 / 85.4	06	10.18	
			P10	154/051	472	2476	N3207.5 E13223.8/.....		
B597	HIROS	226	FL360	042	497	15	45.3 / 85.6	02	10.20	
			P10	153/053	472	2461	N3155.5 E13212.5/.....		
B597	JACKY	226	FL360	050	498	28	44.9 / 86.0	04	10.24	
			P10	151/055	473	2432	N3133.3 E13151.8/.....		
B597	QUEEN	226	*CLB	050		25	44.5 / 86.4	03	10.27	
			P10	149/056		2407	N3113.6 E13133.6/.....		
B597	JOKER	225	*CLB	050		8	44.3 / 86.6	01	10.28	
			P06	154/057		2399	N3107.0 E13127.6/.....		
	ROAH	225	FL380	050		7	44.2 / 86.7	01	10.29	
			P05	160/020		2392	N3101.6 E13122.6/.....		
B597	TEPPO	225	FL380	050	490	20	43.9 / 87.0	03	10.32	
			P05	152/051	466	2372	N3045.6 E13108.1/.....		
B597	TGE NAKATANE	225	FL380	087	115.40	490	12	43.7 / 87.2	01	10.33
			P06	152/045	466	2360	N3036.1 E13059.5/.....		
B597	ANREM	215	FL380	087	491	18	43.5 / 87.4	03	10.36	
			P06	150/032	463	2342	N3020.6 E13050.1/.....		
B597	SEPIA	214	FL380	087	491	23	43.2 / 87.7	02	10.38	
			P07	145/017	472	2319	N3000.5 E13038.1/.....		
Y26	SWANO	235	FL380	087	491	39	42.6 / 88.3	05	10.43	
			P07	324/010	491	2280	N2934.5 E13004.5/.....		
Y26	ANOXA	233	FL380	045	490	51	41.9 / 89.0	06	10.49	
			P06	324/039	494	2230	N2859.3 E12922.6/.....		
Y26	POLAM	233	FL380	036	488	69	41.0 / 89.9	09	10.58	
			P04	324/042	493	2161	N2811.9 E12826.4/.....		
Y26	YURIX	232	FL380	035	489	61	40.2 / 90.7	07	11.05	
			P04	319/035	490	2100	N2729.3 E12736.9/.....		
Y26	KAORU	229	FL380	028	490	111	38.7 / 92.2	14	11.19	
			P05	313/025	489	1989	N2608.6 E12612.5/.....		

TCC216C KPDX-WSSS (09-Sep-2023) #1

Y26	LILRA	229	FL380	030	491	107	37.3 / 93.6	13	11.32
			P06	310/029	490	1882	N2449.8 E12452.3/.....	
	RCKH	227	FL380	030		50	36.6 / 94.3	06	11.38
			P06	359/041		1832	N2412.7 E12415.5/.....	
Y26 -RCAA	IGURU	227	FL380	030	491	21	36.3 / 94.6	03	11.41
			P06	295/035	483	1811	N2357.0 E12400.0/.....	
Q13	TULTO	241	FL380	010	492	67	35.4 / 95.5	08	11.49
			P06	300/033	476	1744	N2319.4 E12300.0/.....	
Q13	BOGUM	237	FL380	111	492	93	34.1 / 96.8	12	12.01
			P07	301/026	481	1651	N2221.9 E12141.5/.....	
Q13	SHIJA	236	FL380	111	492	20	33.9 / 97.0	02	12.03
			P07	302/025	482	1631	N2209.4 E12124.6/.....	
Q13	PICHU	235	FL380	111	492	16	33.6 / 97.2	02	12.05
			P07	303/025	483	1615	N2159.4 E12111.2/.....	
Q13	GLOOM	235	FL380	024	492	41	33.1 / 97.8	05	12.10
			P07	311/025	486	1574	N2133.6 E12036.9/.....	
Q13 -RPHI	KABAM	235	*CLB	024		53	32.4 / 98.5	07	12.17
			P07	313/023		1521	N2100.0 E11952.8/.....	
N892	MIKIN	229	FL390	010	489	141	30.5 / 100.4	17	12.34
			P05	346/025	500	1380	N1920.1 E11806.6/.....	
N892	MUMOT	228	FL390	010	489	26	30.2 / 100.7	03	12.37
			P05	350/024	504	1354	N1901.7 E11747.4/.....	
	RPLC	228	FL390	010		3	30.1 / 100.7	01	12.38
			P05	335/022		1351	N1859.6 E11745.2/.....	
N892	MAVRA	228	FL390	010	489	102	28.9 / 102.0	12	12.50
			P05	354/027	506	1249	N1746.7 E11630.1/.....	
	VVCR	227	FL390	010		166	26.8 / 104.1	19	13.09
			P05	026/038		1083	N1547.1 E11430.2/.....	
N892 -ZJSA	MIGUG	226	FL390	010	488	43	26.3 / 104.6	05	13.14
			P05	024/038	524	1040	N1516.4 E11400.0/.....	
N892 -VVTS	MONBO	218	FL390	010	488	57	25.7 / 105.2	07	13.21
			P05	032/038	527	983	N1430.0 E11325.7/.....	
N892	MESOX	217	FL390	010	488	38	25.2 / 105.7	04	13.25
			P05	035/041	529	945	N1358.8 E11302.7/.....	
N892	MUGAN	217	FL390	010	489	119	23.8 / 107.1	13	13.38
			P05	049/045	533	826	N1222.0 E11152.3/.....	
N892	MIMUX	217	FL390	010	489	78	22.9 / 108.0	09	13.47
			P05	058/050	534	748	N1118.3 E11106.2/.....	
N892	MAPNO	216	FL390	010	489	80	22.0 / 108.9	09	13.56

TCC216C KPDX-WSSS (09-Sep-2023) #1

				P04 064/050	532	668	N1013.1	E11020.1/.....
N892	OSIXA	216	FL390	017	488	51	21.4 / 109.5	06	14.02
				P04 066/048	529	617	N0931.3	E10950.6/.....
N892	MOXON	216	FL390	017	489	51	20.8 / 110.1	06	14.08
				P04 067/045	526	566	N0849.5	E10921.3/.....
N892	MELAS	215	FL390	010	489	127	19.3 / 111.5	14	14.22
-WSJC				P03 062/029	514	440	N0705.3	E10809.2/.....
	WSSS	215	FL390	010		43	18.8 / 112.1	05	14.27
				P03 069/035		397	N0629.7	E10744.4/.....
N892	MABLI	215	FL390	010	489	161	16.9 / 114.0	19	14.46
				P03 052/034	521	235	N0417.3	E10612.8/.....
N892	MUMSO	231	FL390	032	488	52	16.3 / 114.6	06	14.52
				P03 049/038	526	183	N0344.3	E10532.2/.....
N892	MABAL	231	FL390	032	488	25	16.0 / 114.8	03	14.55
				P03 049/038	526	158	N0328.4	E10512.6/.....
MABA2B	*TOD	231	FL390	032	488	26	15.8 / 115.1	03	14.58
				P03 051/037	526	132	N0312.2	E10452.7/.....
MABA2B	KILOT	231	*DES	010		16	15.7 / 115.2	02	15.00
				P12 064/026		116	N0302.3	E10440.4/.....
MABA2B	*BDRY	227	*DES	047		16	15.7 / 115.2	02	15.02
-WMFC				P15 070/021		101	N0251.6	E10428.9/.....
MABA2B	PIBAP	227	*DES	047		31	15.6 / 115.3	04	15.06
-WSJC				P16 079/012		70	N0230.4	E10406.3/.....
MABA2B	PASPU	180	*DES	047		31	15.5 / 115.5	05	15.11
				P13 196/009		38	N0159.3	E10406.3/.....
MABA2B	NYLON	180	*DES	024		22	15.3 / 115.6	05	15.16
				P12 198/011		16	N0137.0	E10406.4/.....
MABA2B	*BDRY	207	*DES	024		14	15.2 / 115.8	04	15.20
				P14 190/010		3	N0124.9	E10400.3/.....
MABA2B	WSSS/20R	203	22	034		3	15.0 / 115.9	02	15.22
	CHANGI						N0122.6	E10359.3/.....

TCC216C KPDX-WSSS (09-Sep-2023) #1

WIND INFORMATION - OBS 09/SEP 06:00

(CLIMB)			HQM			DOLFF			KATCH		
FL290	163/008	-40	FL340	189/014	-52	FL340	216/008	-52	FL340	186/062	-54
FL230	154/010	-25	FL320	183/013	-47	FL320	208/010	-47	FL320	185/063	-48
17000	181/010	-10	FL300	176/011	-43	FL300	202/011	-42	FL300	183/063	-43
11000	194/019	+1	FL280	170/012	-38	FL280	197/012	-38	FL280	182/062	-38
5000	170/010	+13	FL260	164/012	-33	FL260	192/012	-33	FL260	181/060	-33
GRIZZ			CHUUK			CREMR			EDWAL		
FL360	248/015	-47	FL380	301/059	-44	FL380	293/070	-46	FL380	263/061	-48
FL340	263/015	-48	FL360	300/060	-45	FL360	294/075	-45	FL360	259/067	-47
FL320	280/018	-45	FL340	299/062	-45	FL340	295/082	-45	FL340	256/073	-45
FL300	292/022	-42	FL320	300/066	-43	FL320	292/075	-42	FL320	256/071	-42
FL280	263/014	-40	FL300	300/071	-40	FL300	290/069	-40	FL300	257/069	-38
NATES			NIKLL			NUZAN			NRKEY		
FL380	246/059	-47	FL380	253/062	-48	FL380	266/073	-49	FL380	275/082	-49
FL360	249/062	-47	FL360	253/066	-48	FL360	265/075	-49	FL360	273/083	-48
FL340	251/066	-46	FL340	253/069	-47	FL340	264/077	-48	FL340	272/084	-46
FL320	252/067	-44	FL320	254/069	-44	FL320	262/073	-44	FL320	270/078	-43
FL300	253/067	-41	FL300	255/069	-41	FL300	260/069	-40	FL300	269/072	-39
NOGAL			NANNO			NODAN			NANAC		
FL390	274/065	-53	FL400	255/042	-55	FL400	239/032	-55	FL400	238/029	-56
FL370	271/063	-50	FL380	252/043	-51	FL380	237/032	-51	FL380	239/031	-52
FL350	268/061	-46	FL360	255/042	-46	FL360	239/031	-46	FL360	241/031	-47
FL330	268/059	-41	FL340	258/041	-41	FL340	241/029	-42	FL340	242/030	-41
FL310	274/058	-36	FL320	259/040	-36	FL320	246/030	-36	FL320	240/027	-36
IXE			TEPEX			KOHWA			ALBAT		
FL400	210/027	-56	FL400	186/028	-55	FL400	169/020	-55	FL400	164/025	-56
FL380	212/031	-52	FL380	191/033	-52	FL380	173/023	-52	FL380	164/028	-52
FL360	215/033	-47	FL360	195/035	-46	FL360	178/023	-46	FL360	160/024	-47
FL340	217/035	-41	FL340	199/038	-41	FL340	183/024	-41	FL340	152/020	-41
FL320	213/032	-36	FL320	198/034	-36	FL320	180/024	-35	FL320	159/018	-36
SUC			TEPPO			ANOXA			YURIX		
FL400	152/045	-55	FL420	149/029	-55	FL420	335/024	-56	FL420	329/033	-58
FL380	153/053	-51	FL400	153/042	-54	FL400	328/032	-54	FL400	323/034	-56
FL360	156/050	-47	FL380	153/051	-51	FL380	325/039	-51	FL380	319/035	-52
FL340	160/047	-42	FL360	149/051	-46	FL360	326/042	-47	FL360	320/034	-47
FL320	155/039	-36	FL340	145/051	-42	FL340	327/046	-42	FL340	322/032	-41
KAORU			LILRA			TULTO			SHIJA		
FL420	324/025	-58	FL420	321/024	-59	FL420	314/026	-59	FL420	310/032	-60
FL400	318/026	-55	FL400	316/027	-55	FL400	305/031	-55	FL400	306/029	-55
FL380	314/026	-52	FL380	311/030	-50	FL380	301/033	-50	FL380	303/026	-50
FL360	312/021	-47	FL360	305/029	-46	FL360	302/029	-45	FL360	305/022	-44
FL340	310/015	-41	FL340	298/030	-42	FL340	304/024	-40	FL340	309/018	-38
MIKIN			MAVRA			MIGUG			MUGAN		
FL430	341/036	-63	FL430	356/037	-63	FL430	025/032	-63	FL430	054/044	-63
FL410	343/031	-58	FL410	355/032	-57	FL410	025/035	-57	FL410	052/045	-57
FL390	347/026	-52	FL390	354/028	-51	FL390	024/039	-52	FL390	050/046	-51
FL370	346/021	-46	FL370	359/023	-46	FL370	035/033	-46	FL370	060/042	-46

TCC216C KPDX-WSSS (09-Sep-2023) #1

FL350 344/017 -41 FL350 008/019 -40 FL350 055/028 -41 FL350 076/039 -41

MAPNO

FL430 058/045 -63
FL410 061/048 -58
FL390 065/051 -52
FL370 071/045 -47
FL350 082/038 -42

MOXON

FL430 060/046 -63
FL410 064/046 -58
FL390 068/046 -53
FL370 071/036 -48
FL350 079/024 -42

MELAS

FL430 061/045 -63
FL410 061/038 -58
FL390 063/029 -53
FL370 068/025 -48
FL350 075/022 -43

MABLI

FL430 058/051 -64
FL410 056/043 -59
FL390 053/034 -53
FL370 053/030 -48
FL350 055/026 -43

(DESCENT)

FL380 052/029 -51
FL310 060/025 -33
FL230 093/016 -14
FL150 125/007 -0
7000 211/013 +14

END FLIGHTPLAN 01685 TCC216C PJTGE KPDX-WSSS 09SEP2023

TCC216C KPDX-WSSS (09-Sep-2023) #1

[ATC FLIGHTPLAN]

(FPL-TCC216C-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-KPDX1855

-N0498F300 DCT HQM J501 TOU DCT DOLFF DCT KATCH DCT

HMPNT/N0496F320 DCT GRIZZ DCT CJAYY DCT 58N160W/N0496F340 DCT

CHUUK DCT CREMR DCT EDWAL DCT NATES DCT NIKLL DCT NYMPH DCT

NUZAN DCT NRKEY DCT NIPPI/N0498F350 R220 NUBDA/N0496F360 R220

IXE Y88 NAKTU Y12 SHIMA V52 KEC Y24 SUC B597 QUEEN/N0490F380

B597 SEPIA Y26 IGURU Q13 KABAM/N0489F390 N892 MABAL MABA2B

-WSSS1522 WMKK

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/230909 REG/PJTGE

EET/CZVR0043 PAZA0136 RJJJ0645 RCAA1141 RPHI1217 ZJSA1314

VVTS1321 WSJC1422 WMFC1502 WSJC1520

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

ORGN/TNCCTCAP PER/C

RALT/PANC PASY

RMK/TCAS

-E/1739)

TCC216C KPDX-WSSS (09-Sep-2023) #1

[PLANNING WEATHER]

ORIGIN: KPDX/PDX (PORTLAND INTL, UNITED STATES)**UTC -07:00**

KPDX 091553Z VRB03KT 10SM FEW100 17/11 A3012 RMK A02 SLP198 T01670111
KPDX 091431Z 0915/1012 VRB03KT P6SM SKC
FM092100 32007KT P6SM SCT250
FM100400 VRB04KT P6SM SKC

DESTINATION: WSSS/SIN (CHANGI, SINGAPORE)**UTC +08:00**

WSSS 091530Z VRB02KT 9999 FEW018 SCT160 BKN300 26/24 Q1011 NOSIG
WSSS 091100Z 0912/1018 18008KT 9999 FEW015 SCT020
TEMPO 1003/1006 3000 TSRA FEW012CB BKN015

ALTERNATE: WMKK/KUL (KUALA LUMPUR INTL - SEPANG, MALAYSIA)**UTC +08:00**

WMKK 091530Z 04004KT 350V100 9000 FEW030 26/23 Q1011 NOSIG
WMKK 091100Z 0912/1018 VRB03KT 9999 FEW018
PROB30 TEMPO 0920/1000 4000 TSRA FEW017CB SCT018

EDTO AIRPORT: PASY/SYA (EARECKSON AS, ALASKA)**UTC -10:00**

PASY 091459Z 24015KT 1/2SM FG VV002 10/10 A2973 RMK A02A VIS 1/4V3/4
SLP071 WND DATA ESTMD T01040102 50001 RVRNO PNO FZRANO \$
PASY 091411Z 0914/1020 26012G18KT 3200 BR VV003 QNH2969INS
BECMG 1007/1008 30009KT 8000 BR OVC003 QNH2982INS
BECMG 1013/1014 VRB06KT 8000 BR BKN012 QNH2990INS TX11/1014Z TN09/0921Z

EDTO AIRPORT: PANC/ANC (STEVENS ANCHORAGE INTL, ALASKA)**UTC -08:00**

PANC 091553Z 00000KT 7SM -RA BKN006 BKN050 OVC070 09/08 A2959 RMK A02
SLP021 P0001 T00890078
PANC 091202Z 0912/1018 03006KT 6SM -RA BR SCT005 BKN010 OVC050
TEMPO 0912/0916 RA BKN005
FM091600 17010G20KT 5SM -SHRA BR FEW008 SCT025 OVC040
FM092100 16012G22KT P6SM -RA SCT030 BKN060
FM100700 12008KT P6SM SCT030 BKN070
FM101200 04004KT P6SM SCT050 BKN100

VVTS/SGN (TAN SON NHAT INTL, VIETNAM)**UTC +07:00**

VVTS 091530Z 25005KT 9000 -RA FEW017 BKN050 25/25 Q1010 NOSIG
VVTS 091100Z 0912/1018 VRB03KT 9999 SCT015 SCT040
TEMPO 0912/0916 5000 TSRA SCT015 FEW017CB BKN040
BECMG 1001/1002 20010KT
TEMPO 1004/1010 20015G28KT 3000 TSRA SCT013 SCT015CB

TCC216C KPDX-WSSS (09-Sep-2023) #1**ADEQUATE: RJCC/CTS (NEW CHITOSE, JAPAN)****UTC +09:00**RJCC 091530Z VRB02KT 9999 FEW006 BKN050 21/21 Q1010 RMK 1ST006 7CU050
A2984RJCC 091105Z 0912/1018 34006KT 9999 FEW006 BKN015
BECMG 1003/1006 17012KT**ADEQUATE: RJGG/NGO (CHUBU CENTRAIR INTL, JAPAN)****UTC +09:00**RJGG 091530Z AUTO 12006KT 9999 BKN014 OVC023 27/24 Q1010 BECMG BKN020
RJGG 091105Z 0912/1018 16006KT 9999 FEW010 SCT020TEMPO 1003/1012 -TSRA FEW020 FEW025CB BKN030
TEMPO 1012/1018 4000 -SHRA BR FEW004 BKN008**ADEQUATE: ROAH/OKA (NAHA, OKINAWA ISLANDS)****UTC +09:00**

ROAH 091530Z AUTO 01005KT 9999 NCD 27/23 Q1007 RMK A2976

ROAH 091105Z 0912/1018 06005KT 9999 FEW020

ADEQUATE: RCKH/KHH (KAOHSIUNG INTL, TAIWAN)**UTC +08:00**RCKH 091530Z 10006KT 8000 -SHRA SCT006 BKN013 BKN035 25/23 Q1009 NOSIG RMK
A2980

RCKH 091100Z 0912/1018 08005KT 6000 SCT008 BKN016 BKN040

TEMPO 0912/0914 17010G20KT 1200 TSRA SCT003 BKN005 SCT008CB OVC015

TEMPO 0914/0920 5000 SHRA SCT006 BKN011 BKN030

BECMG 0920/0922 17010KT

TEMPO 0922/1002 1200 TSRA SCT003 BKN005 SCT008CB OVC015

TEMPO 1006/1010 23010KT 1200 TSRA SCT003 BKN005 SCT008CB OVC015

ADEQUATE: RPLC/CRK (DIOSDADO MACAPAGAL INTL, PHILIPPINES)**UTC +08:00**

RPLC 091500Z 34002KT 8000 SCT020 BKN300 27/24 Q1011 NOSIG RMK A2985

RPLC 091100Z 0912/1018 16006KT 9999 SCT020 BKN300 TX34/1006Z TN25/0921Z

TEMPO 0912/0918 25008KT 6000 -TSRA FEW015CB SCT020 BKN100

ADEQUATE: VVCR/CXR (CAM RANH INTL, VIETNAM)**UTC +07:00**

VVCR 091530Z 23012KT 9999 FEW017 29/24 Q1009 NOSIG

VVCR 091100Z 0912/1012 24010KT 9999 FEW015

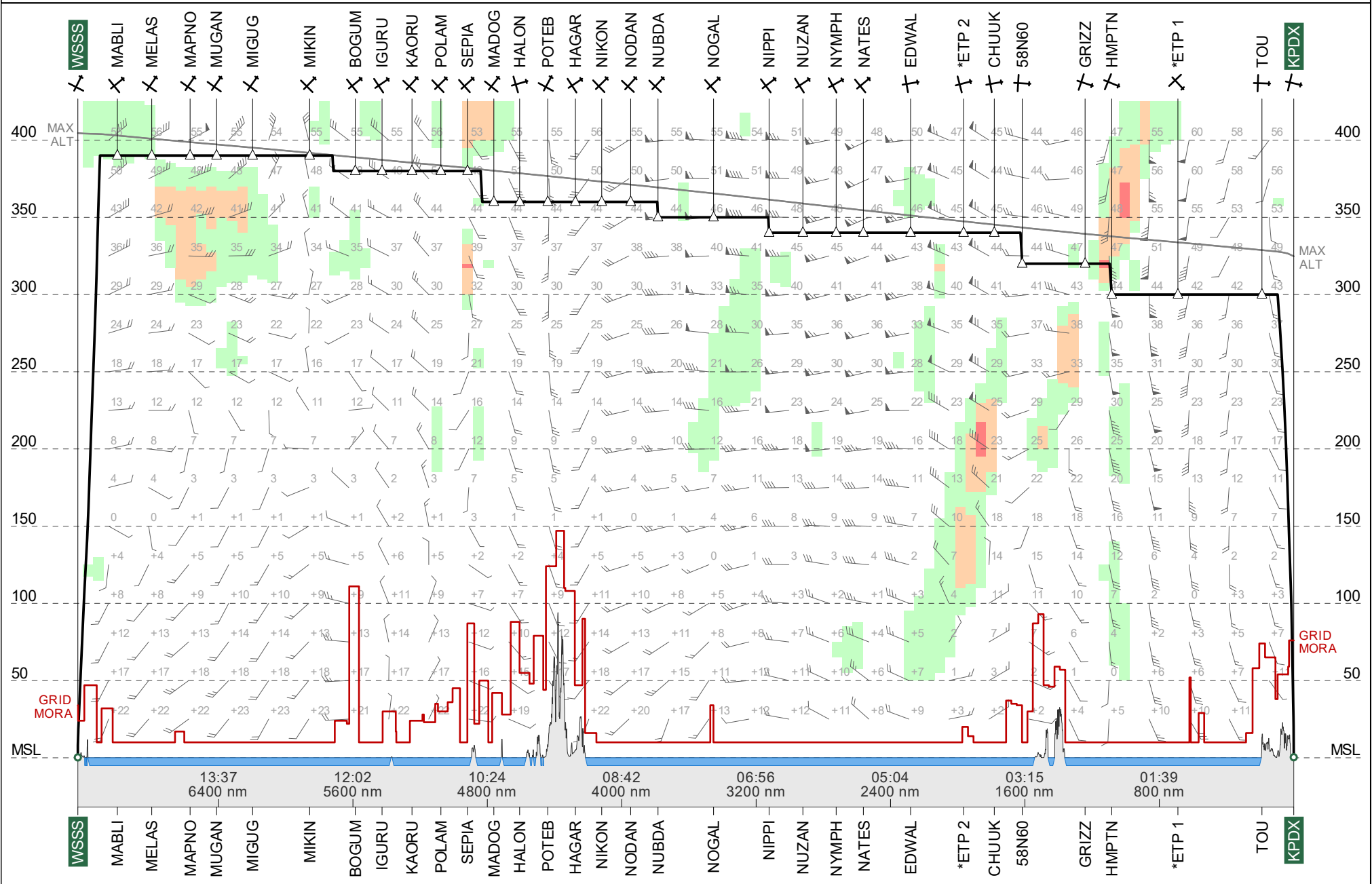
BECMG 1002/1003 14010KT

TEMPO 1007/1011 TS SCT013 FEW017CB SCT060

TR216C #1

WSSS ← — KPDX

ETD 09 Sep 18:55z
PJTGE B77L



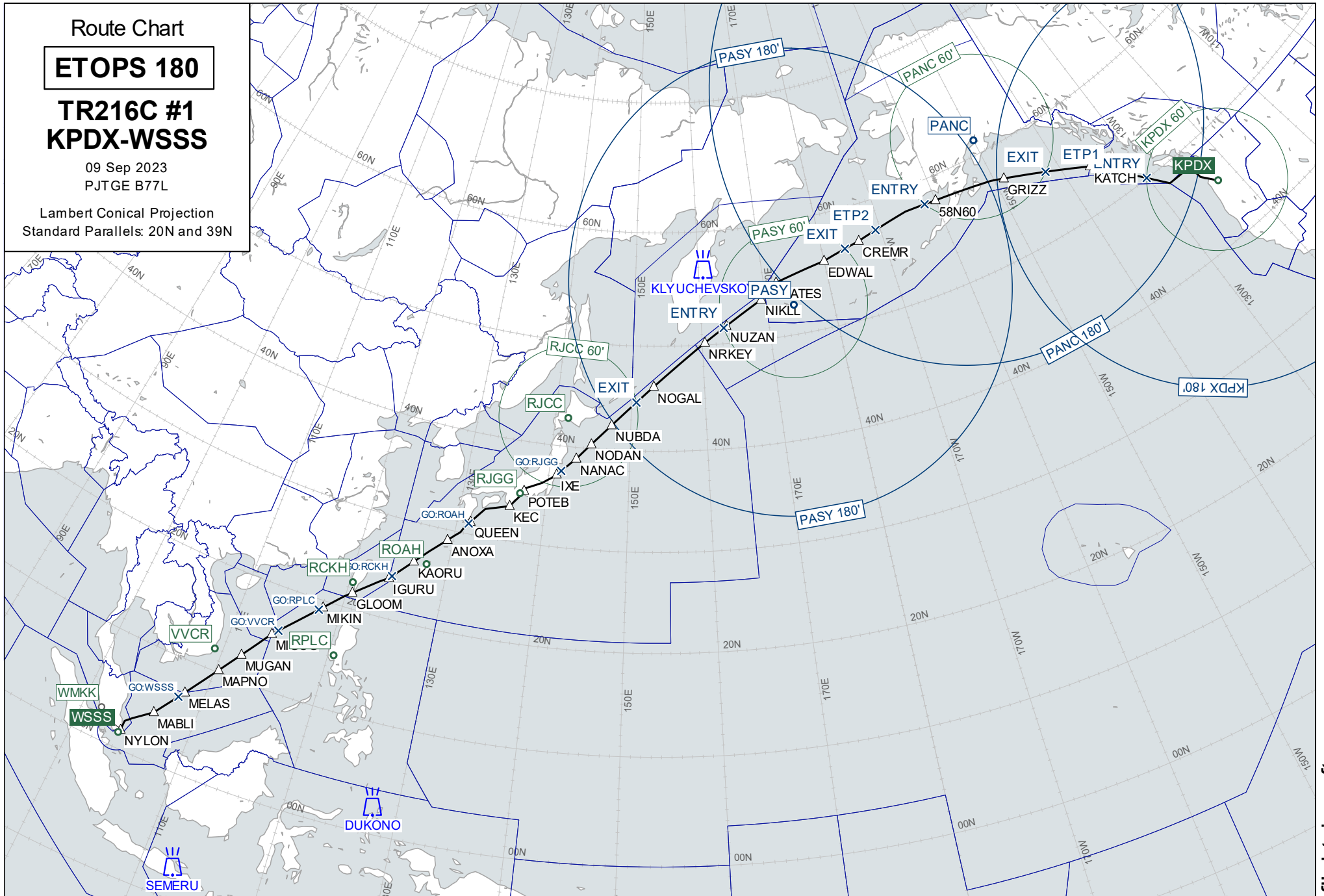
Route Chart

ETOPS 180

TR216C #1
KPDX-WSSS

09 Sep 2023
PJTGE B77L

Lambert Conical Projection
Standard Parallels: 20N and 39N



Wind Chart

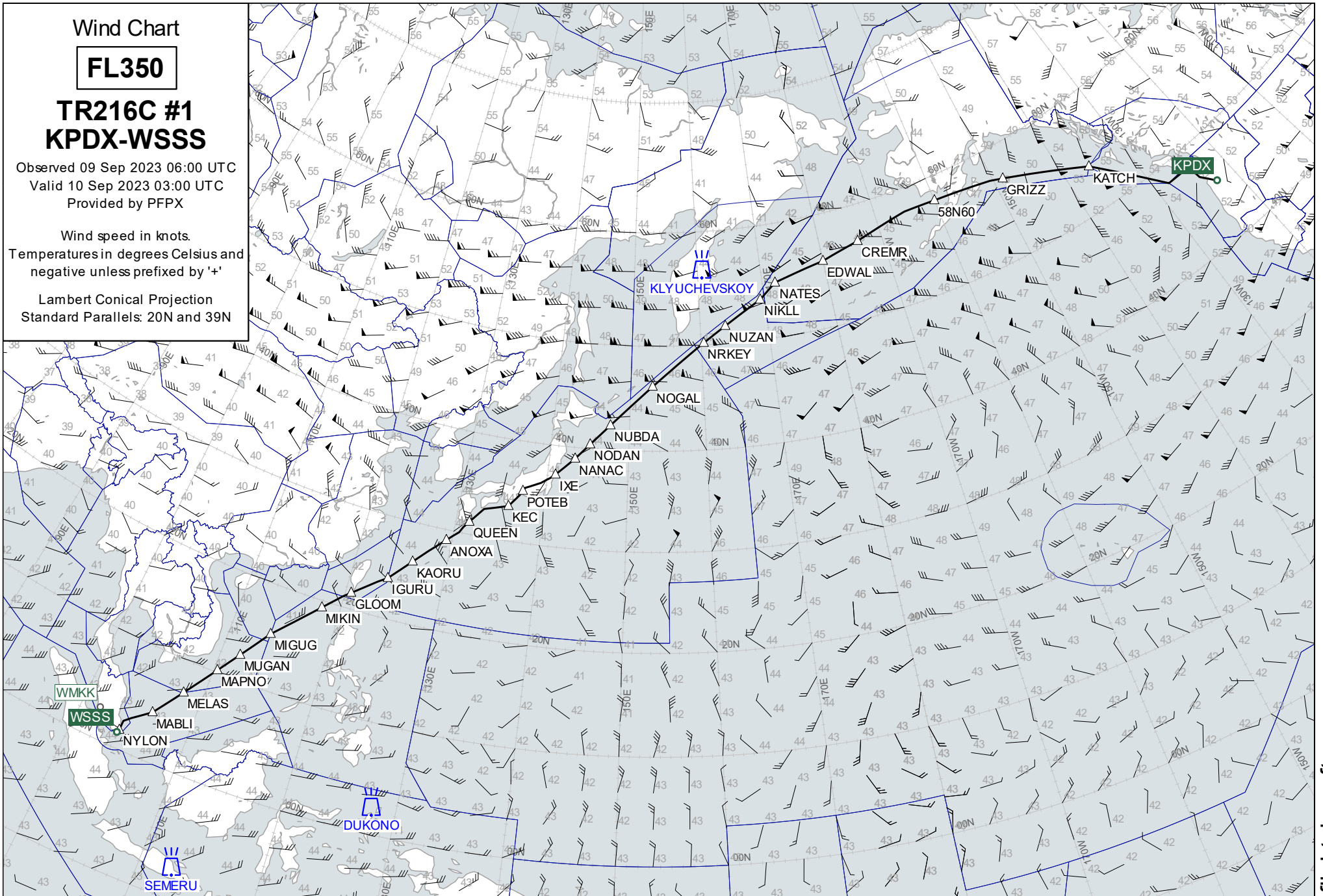
FL350

**TR216C #1
KPDX-WSSS**

Observed 09 Sep 2023 06:00 UTC
Valid 10 Sep 2023 03:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 20N and 39N



Wind Chart

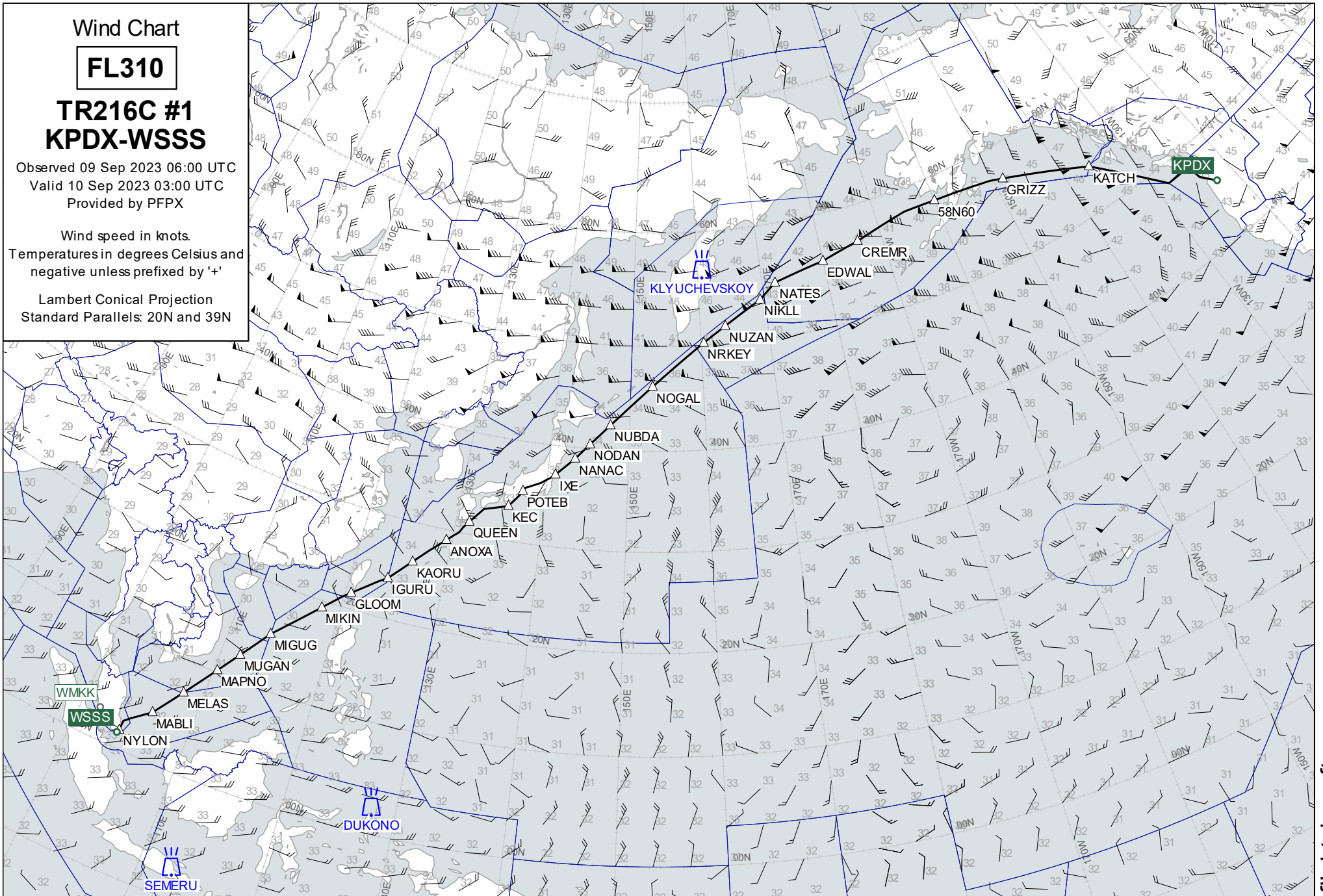
FL310

**TR216C #1
KPDX-WSSS**

Observed 09 Sep 2023 06:00 UTC
Valid 10 Sep 2023 03:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 20N and 39N



Wind Chart

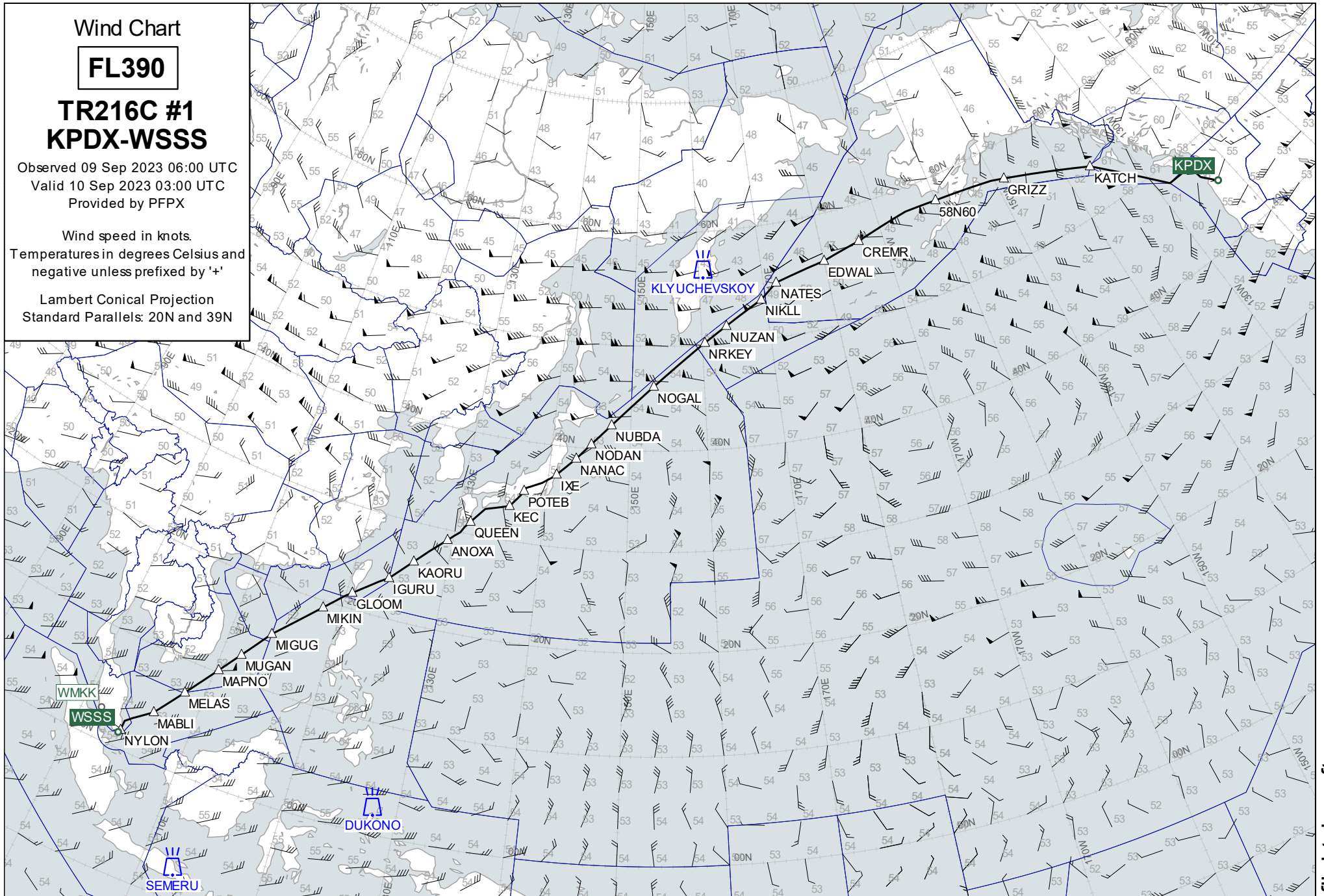
FL390

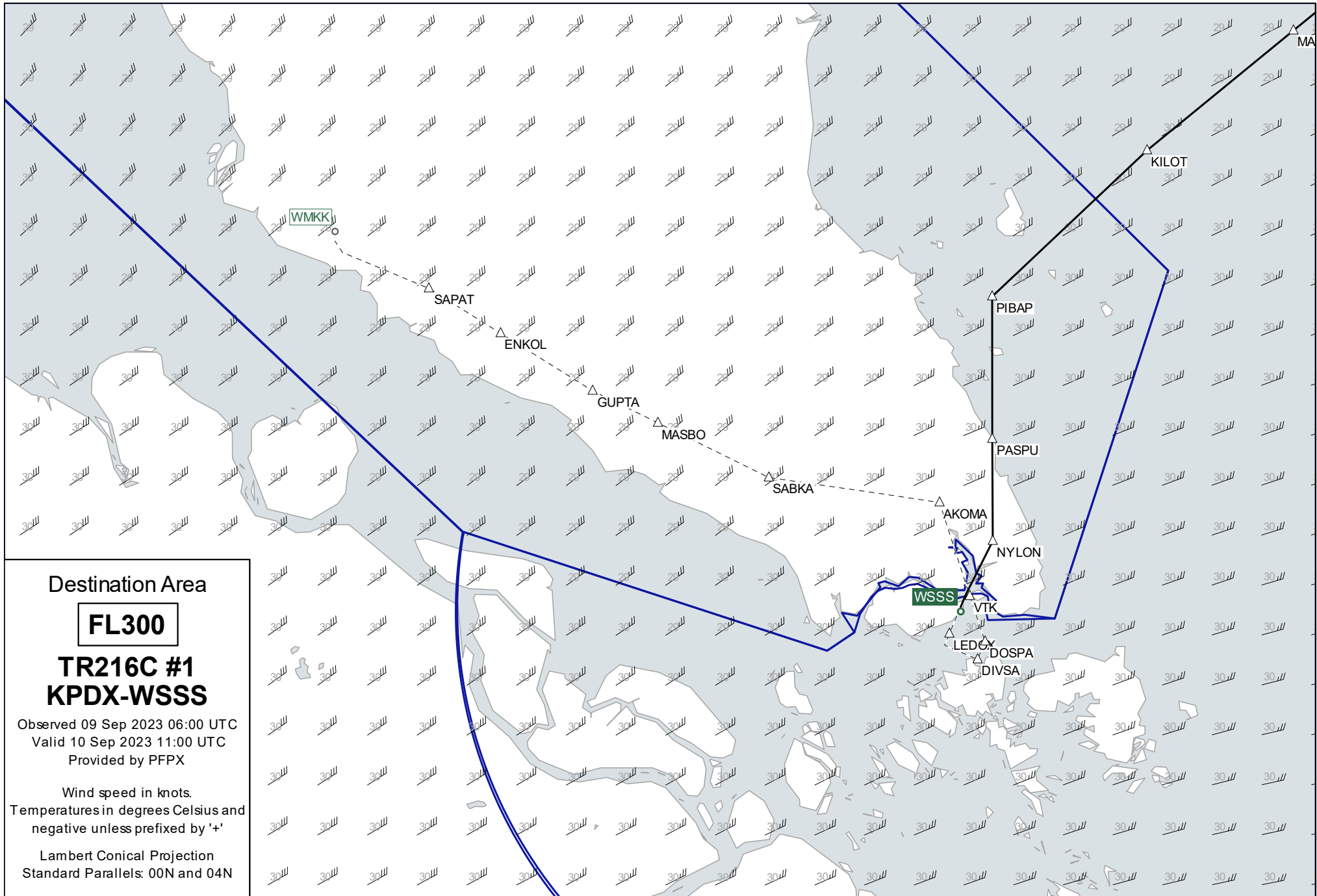
**TR216C #1
KPDX-WSSS**

Observed 09 Sep 2023 06:00 UTC
Valid 10 Sep 2023 03:00 UTC
Provided by PFPX

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

Lambert Conical Projection
Standard Parallels: 20N and 39N





Destination Area

FL300

TR216C #1
KPDX-WSSS

Observed 09 Sep 2023 06:00 UTC

Valid 10 Sep 2023 11:00 UTC

Provided by PFPX

Wind speed in knots.

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

Lambert Conical Projection

Standard Parallels: 00N and 04N