



**Tradewind VA**



**Flight Briefing Package**

**TCC2002B KSFO-WMKK**

**22 Mar 1710 UTC**

OFP #3

SAN FRANCISCO INTL  
(UNITED STATES)

-

KUALA LUMPUR INTL - SEPANG  
(MALAYSIA)

PREPARED BY CHRISTIAN BREUER (TCA2984)

22 MAR 1517 UTC

# TCC2002B KSFO-WMKK (22 Mar 1710 UTC)

RELEASE DETAILS PJTGC KSFO-WMKK RELEASE # 3

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FUEL PLANNING EU-OPS(LB)		KSFO - WMKK	
TRIP		287.262	17:15
CONT 5%		14.363	01:03
ALTN	WMKM	3.903	00:15
FINAL RESV		6.872	00:30
HOLD		4.582	00:20
ADD FUEL		8.200	-----
MIN T/O		325.182	19:23
EXTRA		3.435	00:15
TAXI		855	00:15
RELEASE	KSFO	329.472	19:53
REMAINING	WMKK	41.013	02:17

LOAD PLANNING	(LB)	PLANNED	LIMIT
PAYLOAD		60.606	
FUEL		329.472	358.500
ZERO FUEL WEIGHT		404.850	461.000
RAMP WEIGHT		734.322	768.000
TAKE-OFF WEIGHT	LIMIT	733.467	766.000
LANDING WEIGHT		446.205	492.000
UNDERLOAD		32.533	LIM TOW

# TCC2002B KSFO-WMKK (22 Mar 1710 UTC)

TRADEWIND CARIBBEAN AIRLINES FLIGHTPLAN - IFR TCC2002B PJTGC KSFO-WMKK

ALL WEIGHTS IN POUNDS (LB) STD 22MAR/1710Z

OPF 3 - PREPARED 22MAR/1517Z BY CHRISTIAN BREUER (TCA2984)

TR2002B/TCC2002B PJTGC/B777-2LR GE SEL/SALH ROUTE: KSFOWMKK04

DEP: KSFO/SFO 28L ELEV 13 FT COST INDEX: 250 TTL G/C DIST: 7371 NM  
 ARR: WMKK/KUL 14L ELEV 69 FT INIT ALT: FL300 TTL F/P DIST: 7526 NM  
 FUEL BIAS: 100.5% TTL AIR DIST: 8357 NM  
 AVG WIND CMP: HD048 KT

ALT: WMKM/MKZ 03 ELEV 40 FT 51 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	344244	259	0	60606	32533 TOW	MAX 461000	766000	492000
						PLN 404850	733467	446205
						ACT .....	.....	.....

	FUEL	CORR	ENDUR
TRIP	287262	.....	17:15
CONT 5%	14363	.....	01:03
ALTN WMKM	3903	.....	00:15
FINAL RESV	6872	.....	00:30
HOLD	4582	.....	00:20
ADD FUEL	8200	.....	
MIN T/O	325182	.....	19:23
EXTRA	3435	.....	00:15
TAXI	855	.....	00:15
RELEASE	329472	.....	19:53

..... CAPTAINS SIGNATURE (.....)

I ACCEPT THIS OPF AND I AM FAMILIAR WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 358500 LB / MAX EXTRA FUEL 29028 LB LIM BY CAPACITY  
 TRIP CORR FOR 10000 LB TOW INCR: +3288 LB / 10000 LB TOW DECR: -3361 LB  
 2000 FT LOWER: +7602 LB / EET 16:53 CLB: 250/310/84 DES: 84/320/250

KSFO/SFO	STD 17:10	ETD 17:10	ACT OFBL .....	EST T/O 17:25	ACT T/O .....
WMKK/KUL	STA 11:20	ETA 10:46	ACT ONBL .....	EST LDG 10:40	ACT LDG .....
			TTL BLCK .....		TTL FLT .....

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (KSEA)	344 NM BEFORE 44N40	N41 22.6 W133 04.3	EET 01:18
ETOPS EXIT (PANC)	102 NM BEFORE 49N60	N48 49.8 W157 26.2	EET 03:37
ETOPS ENTRY (UHPP)	215 NM BEFORE 47E70	N47 38.0 E175 12.3	EET 06:02
ETOPS EXIT (UHPP)	87 NM BEFORE EMRON	N38 57.0 E151 30.8	EET 08:52

EROPS ALTNS WX/NOTAM SUITABILITY PERIOD

KSEA (19:51-22:06)  
 PANC (21:31-22:56)  
 UHPP (00:42-04:30)

ONE ENGINE OUT ETP 1 FOR KSEA/PANC N46 15.5 W145 11.5 EET 02:35  
 1E084/320 DESC TO FL300 CRUISE AT 1E0320 223 NM BEFORE 48N50  
 PLN FUEL OVER ETP 270926 ETP FUEL REQ 39631 DIV TIME 01:47  
 ETP TO KSEA (N47 27.0 W122 18.7) DIST 938 NM WC TL039 TT 077  
 ETP TO PANC (N61 10.4 W149 59.9) DIST 913 NM WC TL027 TT 351  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

ONE ENGINE OUT DECOMP ETP 1 FOR KSEA/PANC N46 00.5 W144 34.1 EET 02:31  
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 253 NM BEFORE 48N50  
 PLN FUEL OVER ETP 271639 ETP FUEL REQ 44817 DIV TIME 02:25  
 ETP TO KSEA (N47 27.0 W122 18.7) DIST 925 NM WC TL014 TT 077

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ETP TO PANC (N61 10.4 W149 59.9) DIST 925 NM WC TL018 TT 350

\*\*\* FUEL DUMP REQUIRED \*\*\*

ALL ENGINE DECOMP ETP 1 FOR KSEA/PANC N46 00.5 W144 34.1 EET 02:31

84/320/250 DESC TO FL100 CRUISE AT AE320 253 NM BEFORE 48N50

PLN FUEL OVER ETP 271639 ETP FUEL REQ 42635 DIV TIME 02:25

ETP TO KSEA (N47 27.0 W122 18.7) DIST 925 NM WC TL014 TT 077

ETP TO PANC (N61 10.4 W149 59.9) DIST 925 NM WC TL018 TT 350

\*\*\* FUEL DUMP REQUIRED \*\*\*

ONE ENGINE OUT CRP 2 FOR UHPP N47 38.0 E175 12.1 EET 06:02

1E084/320 DESC TO FL320 CRUISE AT 1E0320 215 NM BEFORE 47E70

PLN FUEL OVER CRP 207045 CRP FUEL REQ 34156 DIV TIME 01:29

CRP TO UHPP (N53 10.2 E158 27.2) DIST 720 NM WC HD023 TT 304

\*\*\* FUEL DUMP REQUIRED \*\*\*

ONE ENGINE OUT DECOMP CRP 2 FOR UHPP N47 38.0 E175 12.1 EET 06:02

84/320/250 DESC TO FL100 CRUISE AT 1E0320 215 NM BEFORE 47E70

PLN FUEL OVER CRP 207045 CRP FUEL REQ 39993 DIV TIME 02:08

CRP TO UHPP (N53 10.2 E158 27.2) DIST 720 NM WC HD020 TT 304

\*\*\* FUEL DUMP REQUIRED \*\*\*

ALL ENGINE DECOMP CRP 2 FOR UHPP N47 38.0 E175 12.1 EET 06:02

84/320/250 DESC TO FL100 CRUISE AT AE320 215 NM BEFORE 47E70

PLN FUEL OVER CRP 207045 CRP FUEL REQ 38057 DIV TIME 02:08

CRP TO UHPP (N53 10.2 E158 27.2) DIST 720 NM WC HD020 TT 304

\*\*\* FUEL DUMP REQUIRED \*\*\*

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ATC ROUTE: N0490F300 MOLEN5 MOLEN DCT ALCOA DCT DACEM DCT 40N130W  
 44N140W/N0483F320 48N150W 49N160W 49N170W 48N180E/N0485F340 47N170E  
 43N160E DCT EMRON/N0488F360 OTR9 AVBET OTR11 KAGIS A590 BIXAK DCT  
 RYUKI Z34 TETTA/N0493F380 Y342 IGURU G581 HCN/N0489F390 N892  
 MIGUG/K0900F390 N892 MESOX/K0901F380 Q15 CRA W15 AC W1 TSN L637  
 BITIS/K0895F400 L637 BITOD M765 IGARI/N0483F400 R208 PIBOS KIDT3A

### ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	COMP	TIME	FUEL	DIFF	ROUTE
WMKM/03	51	7000	TL001	00:15	3903	-	DUMOKA DUMOK
WMSA/33	96	13000	HD004	00:22	5879	+1976	INT02A INTOT DCT VISAX KL1R
WMKI/04	145	FL200	0	00:29	7681	+3778	AGOSAA AGOSA A457 SUKAT MARDIA
WMKJ/16	156	FL230	HD002	00:30	8145	+4242	DUMOKA DUMOK A464 TOPOR TOPO2A

AWY	WAYPOINT NAME	MT	ALT TMP	WND/VEL FREQ	TAS GS	DIST REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	KSFO/28L		13				328.6 / 0.9		
	SAN FRANCISCO IN					7526	N3737.1 W12222.5	...../.....	
MOLEN5	WESLA	284	*CLB			6	325.5 / 4.0	03 00:03	
						7520	N3739.9 W12228.8	...../.....	
MOLEN5	MOLEN	291	*CLB			35	320.9 / 8.6	06 00:09	
						7485	N3759.9 W12305.2	...../.....	
	*TOC	252	FL300 -48	294/029	490 464	47 7439	317.0 / 12.5 N3756.8 W12404.4	07 00:16 ...../.....	
DCT	ALCOA	251	FL300 -48	286/032	490 461	84 7355	313.3 / 16.2 N3750.0 W12550.1	11 00:27 ...../.....	
DCT	DACEM	290	FL300	282/031	490	67	310.3 / 19.2	08 00:35	

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-KZAK		-49		460	7288	N3828.0	W12700.0	...../.....
DCT	40N30	289	FL300	263/033	489	167	302.9 / 26.6	22 00:57
	40N130W		-50		462	7120	N4000.0 W13000.0	...../.....
--- ETOPS ENTRY 0344 NM BEFORE 44N40 -----								21 01:18
								N4122.6 W13304.3
DCT	44N40	284	FL300	230/043	490	344	281.1 / 48.4	45 02:03
	44N140W		-49		469	6614	N4400.0 W14000.0	...../.....
	*ETP 1	287	FL300	200/068	490	228	272.0 / 57.4	28 02:31
	KSEA/PANC		-51		469	6385	N4600.5 W14434.1	...../.....
	*CLB	284	FL300	172/062	489	172	265.2 / 64.2	21 02:52
			-51		522	6214	N4723.5 W14813.1	...../.....
DCT	48N50	282	FL320	162/049	487	81	261.9 / 67.6	10 03:02
	48N150W		-51		519	6132	N4800.0 W15000.0	...../.....
--- ETOPS EXIT 0102 NM BEFORE 49N60 -----								35 03:37
								N4849.8 W15726.2
DCT	49N60	263	FL320	006/037	491	102	247.2 / 82.3	12 03:49
	49N160W		-48		491	5730	N4900.0 W16000.0	...../.....
DCT	49N70	261	FL320	325/089	490	394	231.5 / 98.0	51 04:40
	49N170W		-50		439	5336	N4900.0 W17000.0	...../.....
DCT	48E80	256	FL320	238/070	490	402	215.1 / 114.4	55 05:35
	48N180E		-51		422	4933	N4800.0 E18000.0	...../.....
--- ETOPS ENTRY 0215 NM BEFORE 47E70 -----								27 06:02
								N4738.0 E17512.3
	*CRP 2	259	FL320	214/080	491	0	207.0 / 122.4	00 06:02
	PANC		-49		432	4738	N4738.0 E17512.1	...../.....
	*CLB	259	FL320	215/081	491	25	206.0 / 123.4	04 06:06
			-49		431	4714	N4734.3 E17435.7	...../.....
DCT	47E70	259	FL340	220/084	491	190	198.0 / 131.5	27 06:33
	47N170E		-47		421	4523	N4700.0 E17000.0	...../.....
DCT	43E60	244	FL340	244/088	494	488	177.9 / 151.6	0112 07:45
-RJJJ	43N160E		-45		406	4035	N4300.0 E16000.0	...../.....
--- ETOPS EXIT 0087 NM BEFORE EMRON -----								0107 08:52
								N3857.0 E15130.8
DCT	EMRON	240	FL340	259/095	493	87	156.0 / 173.5	13 09:05
			-47		405	3493	N3806.4 E15000.0	...../.....
	*CLB	248	FL340	261/096	494	125	151.0 / 178.5	18 09:23
			-47		402	3368	N3708.0 E14740.6	...../.....
OTR9	AVBET	247	FL360	265/099	492	122	145.9 / 183.5	19 09:42
			-47		401	3245	N3608.5 E14528.0	...../.....
OTR11	SCORE	266	FL360	268/099	492	79	142.8 / 186.7	12 09:54
			-47		394	3166	N3553.6 E14352.3	...../.....
OTR11	KAGIS	273	FL360	271/097	492	64	140.3 / 189.2	10 10:04
			-47		394	3103	N3549.2 E14233.8	...../.....
A590	ONASU	242	FL360	274/112	492	113	136.0 / 193.5	16 10:20
			-47		402	2990	N3444.4 E14040.7	...../.....

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A590	MOE OYAMA	241	FL360 -47	274/119 108.65	492 397	68 2921	133.4 / 196.1 N3404.3 E13933.7	11	10:31	...../.....
A590	KARTA	216	FL360 -47	273/127	492 424	60 2861	131.2 / 198.3 N3311.6 E13858.3	08	10:39	...../.....
A590	YOSHI	215	FL360 -47	273/127	492 424	2 2859	131.1 / 198.3 N3310.2 E13857.4	00	10:39	...../.....
A590	AKUBI	235	FL360 -47	273/128	492 393	20 2839	130.4 / 199.1 N3257.0 E13839.5	03	10:42	...../.....
A590	BUBDO	235	FL360 -46	272/141	494 384	137 2702	125.0 / 204.5 N3125.9 E13639.2	21	11:03	...../.....
A590	OLDUP	227	FL360 -46	271/135	494 398	104 2599	121.0 / 208.4 N3007.5 E13520.5	16	11:19	...../.....
A590	DOVAG	227	FL360 -46	270/123	494 404	122 2476	116.5 / 213.0 N2835.0 E13348.8	19	11:38	...../.....
A590	BIXAK	226	FL360 -46	269/113	494 411	55 2421	114.4 / 215.0 N2752.8 E13308.3	08	11:46	...../.....
DCT	RYUKI	257	FL360 -46	268/109	495 388	50 2371	112.5 / 217.0 N2737.4 E13214.5	08	11:54	...../.....
Z34	TETTA	250	FL360 -45	261/088	495 409	192 2178	105.4 / 224.1 N2615.1 E12859.9	28	12:22	...../.....
	*CLB	249	FL360 -45	257/076	496 421	150 2028	100.1 / 229.4 N2508.4 E12631.0	22	12:44	...../.....
Y342 -RCAA	IGURU	247	FL380 -50	249/064	489 424	155 1873	94.5 / 235.0 N2357.0 E12400.0	22	13:06	...../.....
G581	TULTO	240	FL380 -50	243/059	489 429	67 1806	92.2 / 237.2 N2319.4 E12300.0	10	13:16	...../.....
G581	IONIC	239	FL380 -50	233/050	490 439	135 1671	87.8 / 241.7 N2202.2 E12100.5	18	13:34	...../.....
G581	HCN HENGCHUN	238	FL380 -50	232/049 113.70	490 440	11 1660	87.4 / 242.0 N2155.7 E12050.6	02	13:36	...../.....
N892 -RPHI	KABAM	227	FL390 -52	223/040	487 445	78 1583	84.9 / 244.6 N2100.0 E11952.8	10	13:46	...../.....
N892	MIKIN	228	FL390 -52	196/039	486 450	141 1441	80.5 / 249.0 N1920.1 E11806.6	19	14:05	...../.....
N892	MUMOT	227	FL390 -52	191/039	486 452	26 1415	79.7 / 249.8 N1901.7 E11747.4	04	14:09	...../.....
N892	MAVRA	227	FL390 -52	181/033	486 461	105 1310	76.5 / 253.0 N1746.7 E11630.1	14	14:23	...../.....
N892 -ZJSA	MIGUG	226	FL390 -53	169/025	486 470	208 1102	70.4 / 259.1 N1516.4 E11400.0	26	14:49	...../.....
N892 -VVTS	MONBO	217	FL390 -53	165/023	486 470	57 1045	68.7 / 260.8 N1430.0 E11325.7	08	14:57	...../.....
N892	MESOX	217	FL390 -53	161/022	486 472	38 1006	67.6 / 261.9 N1358.8 E11302.7	05	15:02	...../.....

## TCC2002B KSFO-WMKK (22 Mar 1710 UTC)

Q15	NITOM	243	FL380 -51	179/020	489 480	159 847	63.1 / 266.3 N1244.5 E11038.4	19	15:21	...../.....
Q15	CRA CAM RANH	242	FL380 -51	176/020	489 480	95 752	60.4 / 269.0 N1159.7 E10913.2	12	15:33	...../.....
W15	SOSPA	255	FL380 -51	175/020	489 485	35 717	59.5 / 270.0 N1150.0 E10838.4	05	15:38	...../.....
W15	LKH LIEN KHUONG	255	FL380 -51	175/020	489 485	17 700	59.0 / 270.5 N1145.2 E10821.3	02	15:40	...../.....
W15	AC ANLOC	235	FL380 -51	169/019	489 481	84 615	56.6 / 272.9 N1056.4 E10711.3	10	15:50	...../.....
W1	TSN TANSONNHAT HOCHI	257	FL380 -51	171/019	489 487	33 582	55.7 / 273.8 N1049.0 E10638.7	04	15:54	...../.....
L637	BITIS	216	FL380 -51	169/019	489 475	41 542	54.5 / 274.9 N1016.0 E10614.9	06	16:00	...../.....
	*CLB	215	FL380 -51	167/019	489 476	25 517	53.8 / 275.7 N0955.5 E10600.4	03	16:03	...../.....
L637	ANHOA	215	*CLB			10 507	53.3 / 276.1 N0947.2 E10554.5	01	16:04	...../.....
L637	BIBAN	215	FL400 -57	157/018	483 472	94 412	50.7 / 278.8 N0830.0 E10500.0	12	16:16	...../.....
L637	BITOD	215	FL400 -57	141/018	483 476	91 321	48.2 / 281.3 N0715.4 E10407.1	12	16:28	...../.....
M765 -WSJC	IGARI	239	FL400 -57	139/019	483 485	37 284	47.2 / 282.3 N0656.2 E10335.1	04	16:32	...../.....
R208 -WMFC	IKUKO	197	FL400 -57	131/022	483 473	74 209	45.1 / 284.3 N0545.2 E10313.4	10	16:42	...../.....
R208	VKR KUALA TERENGGANU	200	FL400 -57	130/023	483 474	25 184	44.4 / 285.0 N0521.6 E10304.9	03	16:45	...../.....
R208	GUNBO	207	FL400 -56	129/024	483 477	33 151	43.5 / 285.9 N0452.2 E10250.0	04	16:49	...../.....
	*TOD	207	FL400 -56	129/024	483 477	18 134	43.1 / 286.4 N0436.5 E10242.0	02	16:51	...../.....
R208	MATSU	207	*DES			79 55	42.1 / 287.4 N0326.2 E10206.2	14	17:05	...../.....
R208	PIBOS	210	*DES			6 49	42.0 / 287.4 N0321.1 E10203.3	01	17:06	...../.....
KIDT3A	VIRON	230	*DES			7 42	42.0 / 287.5 N0316.9 E10158.2	01	17:07	...../.....
KIDT3A	ANPUS	234	*DES			13 29	41.8 / 287.6 N0309.4 E10147.7	02	17:09	...../.....
KIDT3A	KIDOT	234	*DES			10 19	41.7 / 287.8 N0303.3 E10139.4	02	17:11	...../.....
KIDT3A	WMKK/14L KUALA LUMPUR INT	172	69			19	41.4 / 288.1 N0244.6 E10141.9	04	17:15	...../.....

**TCC2002B KSFO-WMKK (22 Mar 1710 UTC)**



# TCC2002B KSFO-WMKK (22 Mar 1710 UTC)

WIND INFORMATION - OBS 22/MAR 12:00

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(CLIMB)			ALCOA			40N30			44N40		
FL290	293/030	-46	FL340	281/039	-56	FL340	266/036	-57	FL340	238/048	-59
FL230	296/023	-32	FL320	283/036	-52	FL320	265/035	-54	FL320	235/046	-54
17000	315/017	-18	FL300	286/032	-48	FL300	263/034	-50	FL300	230/044	-49
11000	330/013	-4	FL280	287/029	-44	FL280	264/032	-45	FL280	232/042	-44
5000	000/005	+9	FL260	289/027	-39	FL260	264/030	-40	FL260	235/041	-39
48N50			49N60			49N70			48E80		
FL360	168/035	-49	FL360	004/032	-46	FL360	324/080	-57	FL360	247/071	-57
FL340	165/043	-51	FL340	003/036	-47	FL340	324/090	-55	FL340	242/073	-56
FL320	162/050	-51	FL320	007/037	-48	FL320	325/089	-50	FL320	239/071	-51
FL300	160/056	-51	FL300	010/039	-49	FL300	326/088	-44	FL300	235/068	-45
FL280	158/057	-48	FL280	012/040	-46	FL280	326/080	-40	FL280	235/065	-41
47E70			43E60			EMRON			AVBET		
FL380	226/081	-47	FL380	243/089	-46	FL380	261/093	-46	FL400	267/098	-48
FL360	224/082	-47	FL360	244/089	-46	FL360	260/094	-46	FL380	266/100	-47
FL340	221/085	-47	FL340	244/088	-46	FL340	259/095	-47	FL360	265/099	-47
FL320	217/086	-47	FL320	244/088	-46	FL320	259/093	-47	FL340	264/098	-47
FL300	214/087	-46	FL300	243/087	-46	FL300	259/090	-47	FL320	265/092	-47
KAGIS			ONASU			KARTA			BUBDO		
FL400	273/098	-49	FL400	275/113	-50	FL400	274/128	-52	FL400	273/136	-54
FL380	272/100	-47	FL380	275/116	-48	FL380	274/132	-49	FL380	272/141	-50
FL360	272/097	-47	FL360	275/112	-47	FL360	273/127	-47	FL360	272/142	-46
FL340	271/095	-47	FL340	274/108	-47	FL340	273/122	-45	FL340	272/143	-42
FL320	272/089	-47	FL320	275/101	-45	FL320	273/113	-43	FL320	272/127	-40
OLDUP			DOVAG			RYUKI			TETTA		
FL400	273/129	-55	FL400	272/118	-56	FL400	270/106	-56	FL400	263/087	-56
FL380	272/134	-50	FL380	272/122	-51	FL380	269/109	-51	FL380	262/088	-51
FL360	272/136	-46	FL360	271/123	-46	FL360	268/110	-46	FL360	262/088	-45
FL340	271/137	-41	FL340	270/125	-40	FL340	267/111	-40	FL340	261/089	-40
FL320	271/127	-37	FL320	269/123	-35	FL320	267/109	-35	FL320	264/090	-35
IGURU			IONIC			MIKIN			MAVRA		
FL420	256/062	-61	FL420	235/047	-61	FL430	211/037	-64	FL430	189/032	-63
FL400	252/063	-56	FL400	233/049	-55	FL410	204/038	-58	FL410	185/033	-58
FL380	249/064	-50	FL380	233/050	-50	FL390	196/040	-52	FL390	181/034	-52
FL360	250/066	-45	FL360	239/051	-45	FL370	203/036	-48	FL370	191/029	-48
FL340	251/068	-39	FL340	244/052	-39	FL350	215/033	-43	FL350	209/025	-43
MIGUG			NITOM			SOSPA			AC		
FL430	160/031	-63	FL420	150/024	-61	FL420	154/020	-61	FL420	156/017	-62
FL410	164/028	-58	FL400	165/021	-56	FL400	166/020	-56	FL400	163/018	-57
FL390	170/026	-53	FL380	180/020	-51	FL380	176/020	-51	FL380	170/019	-51
FL370	184/022	-48	FL360	190/019	-46	FL360	182/020	-46	FL360	176/019	-46
FL350	207/020	-43	FL340	203/018	-41	FL340	189/020	-41	FL340	183/019	-41
BIBAN			IGARI			GUNBO			(DESCENT)		
FL440	152/016	-66	FL440	132/018	-66	FL440	129/024	-66	FL390	141/021	-54
FL420	155/017	-62	FL420	136/018	-62	FL420	129/024	-62	FL310	170/005	-33
FL400	158/018	-57	FL400	140/019	-57	FL400	129/024	-56	FL230	035/009	-14
FL380	160/019	-51	FL380	143/019	-51	FL380	129/023	-51	FL150	012/005	0
FL360	161/018	-46	FL360	147/015	-46	FL360	129/016	-46	7000	014/011	+15
-----											

END FLIGHTPLAN 00029 TCC2002B PJTGC KSFO-WMKK 22MAR2014

# TCC2002B KSFO-WMKK (22 Mar 1710 UTC)

(FPL-TCC2002B-IS  
-B77L/H-SDE1FGHIJ1RWXYZ/LB1  
-KSFO1710  
-N0490F300 MOLEN5 MOLEN DCT ALCOA DCT DACEM DCT 40N130W 44N140W/N0483F320  
48N150W 49N160W 49N170W 48N180E/N0485F340 47N170E 43N160E DCT EMRON/N0488F360  
OTR9 AVBET OTR11 KAGIS A590 BIXAK DCT RYUKI Z34 TETTA/N0493F380 Y342 IGURU  
G581  
HCN/N0489F390 N892 MIGUG/K0900F390 N892 MESOX/K0901F380 Q15 CRA W15 AC W1 TSN  
L637 BITIS/K0895F400 L637 BITOD M765 IGARI/N0483F400 R208 PIBOS KIDT3A  
-WMKK1715 WMKM  
-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/140322 REG/PJTGC  
EET/KZAK0035 RJJJ0717 RCAA1306 RPHI1346 ZJSA1450 VVTS1457 WSJC1631 WMFC1642  
SEL/SALH CODE/48FDC5 RVR/75 OPR/TRADEWIND CHARTER ORGN/TNCCTCAP PER/D  
RALT/KSEA PANC UHPP  
RMK/TCAS  
-E/1938)

# TCC2002B KSFO-WMKK (22 Mar 1710 UTC)

WEATHER BRIEFING - GENERATED 22 MAR 2014 15:17 UTC

-----  
KZAK RJJJ RCAA RPHI ZJSA VVTS WSJC WMFC KSFO WMKK WMKM WMSA WMKI WMKJ KSEA PANC  
UHPP WMKN VVPQ VVCR ZJSY RPUS RPLI RCFN ROAH RJFG RJTH RJST RJCK RJCJ PADK PACD  
PASD KOTH KACV

-----  
RJJJ (FUKUOKA FIR/UIR)

-----  
WVJP31 RJTD 220305  
RJJJ SIGMET G02 VALID 220305/220610 RJTD-  
RJJJ FUKUOKA FIR CNL SIGMET G01 220010/220610=

-----  
VVTS/SGN (TANSONNHAT, VIETNAM)

-----  
VVTS 221430Z 11007KT 9999 FEW020 28/21 Q1010 NOSIG  
VVTS 221100Z 2212/2318 12009KT 9999 SCT017 SCT040

-----  
WSJC (SINGAPORE FIR/UIR)

-----  
WSSR20 WSSS 220453  
WSJC SIGMET 2 VALID 220510/220910 WSSS-  
WSJC SINGAPORE FIR EMBD TS FCST S OF N0045 AND W OF E10645 WKN=

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

-----  
KSFO 221456Z 16003KT 10SM FEW013 10/07 A3006 RMK A02 SLP179 T01000072 53015  
KSFO 221122Z 2212/2318 26003KT P6SM SCT012  
FM221600 28005KT P6SM FEW012  
FM222200 28010KT P6SM FEW015  
FM230100 28015KT P6SM FEW015  
FM230900 26003KT P6SM BKN012

-----  
DESTINATION: WMKK/KUL (KUALA LUMPUR INTL - SEPANG, MALAYSIA)

-----  
WMKK 221430Z 12002KT 9000 FEW030 SCT140 BKN280 28/25 Q1009 NOSIG  
WMKK 221100Z 2212/2318 02005KT 9999 FEW030 SCT140 BKN280  
TEMPO 2307/2311 4000 TSRA FEW015CB SCT018 BKN150

-----  
ALTERNATE: WMKM/MKZ (MALACCA, MALAYSIA)

-----  
WMKM 221400Z 05006KT 020V080 9999 FEW030 BKN280 28/24 Q1009  
WMKM 221100Z 2212/2312 03005KT 9999 FEW030 SCT140 BKN270  
TEMPO 2307/2311 4000 TSRA FEW015CB SCT018 BKN150

-----  
ALTERNATE: WMSA/SZB (SULTAN ABDUL AZIZ SHAH-SUBANG, MALAYSIA)

-----  
WMSA 221400Z 32003KT 7000 SCT026 SCT140 BKN280 29/25 Q1009  
WMSA 221100Z 2212/2312 03005KT 8000 FEW025 SCT140 BKN280  
TEMPO 2307/2311 4000 TSRA FEW015CB SCT018 BKN150

-----  
ALTERNATE: WMKI/IPH (SULTAN AZLAN SHAH, MALAYSIA)

-----  
WMKI 221400Z 18001KT 8000 FEW030 BKN290 28/24 Q1009  
WMKI 221100Z 2212/2312 20005KT 8000 FEW030 BKN290

# TCC2002B KSFO-WMKK (22 Mar 1710 UTC)

TEMPO 2307/2311 5000 TSRA FEW015CB SCT018 BKN150

-----  
ALTERNATE: WMKJ/JHB (SENAI INTL, MALAYSIA)  
-----

WMKJ 221400Z 07002KT 9999 FEW022 BKN280 25/23 Q1010  
WMKJ 221100Z 2212/2312 03005KT 9999 FEW018 SCT130 BKN280

-----  
ETOPS ALTERNATE: KSEA/SEA (SEATTLE-TACOMA INTL, UNITED STATES)  
-----

KSEA 221453Z 00000KT 10SM BKN220 01/M01 A3032 RMK A02 SLP276 T00111011  
51001  
KSEA 221122Z 2212/2318 09005KT P6SM BKN150  
FM221800 20004KT P6SM BKN060 BKN120  
FM230600 02004KT P6SM BKN050 BKN100

-----  
ETOPS ALTERNATE: PANC/ANC (STEVENS ANCHORAGE INTL, ALASKA)  
-----

PANC 221453Z 01005KT 10SM CLR M06/M14 A3037 RMK A02 SLP288 T10561144 53002  
PANC 221123Z 2212/2318 36005KT P6SM SKC

-----  
ETOPS ALTERNATE: UHPP/PKC (YELIZOVO, RUSSIAN FEDERATION)  
-----

UHPP 221400Z 33004MPS 9999 -SHSN BKN019CB BKN050 M01/M03 Q0977 NOSIG RMK  
QFE729/0973 SC070  
UHPP 221340Z 2215/2321 03007G14MPS 9999 -SHSN BKN020CB OVC100  
TEMPO 2215/2218 33007G14MPS 0800 +SHSN BLSN VV003 680000 590009  
FM221800 33005G12MPS 5000 -SHSN BKN020CB OVC100 650200 550009  
TEMPO 2218/2309 12005G10MPS 0700 +SHSN VV003 680000

-----  
UHPP (PETROPAVLOVSK KAMCHATSKY FIR/UIR)  
-----

WSRA31 RUPK 220335  
UHPP SIGMET 1 VALID 220400/220800 UHPP-  
UHPP PETROPAVLOVSK-KAMCHATSKY FIR SEV TURB FCST S OF N6000 SFC/FL150  
AND FL240/410 STNR NC=

WSRA31 RUPK 220815  
UHPP SIGMET 2 VALID 220815/221215 UHPP-  
UHPP PETROPAVLOVSK-KAMCHATSKY FIR SEV TURB FCST S OF N6000 SFC/FL150  
AND FL240/410 STNR NC=

-----  
ADEQUATE AIRPORT: WMKN/TGG (SULTAN MAHMUD, MALAYSIA)  
-----

WMKN 221400Z 05004KT 010V130 9999 FEW022 BKN250 28/22 Q1010  
WMKN 221100Z 2212/2312 19005KT 9999 FEW020 BKN260

-----  
ADEQUATE AIRPORT: VVPQ/PQC (PHU QUOC INTL, VIETNAM)  
-----

VVPQ 221100Z 08004KT 9999 FEW017 29/23 Q1007 NOSIG  
VVPQ 221100Z 2212/2312 11012KT 9999 SCT017 SCT040  
TEMPO 2222/2306 SCT015 FEW017CB SCT040

-----  
ADEQUATE AIRPORT: VVCR/CXR (CAM RANH INTL, VIETNAM)  
-----

VVCR 221430Z 02010KT CAVOK 26/22 Q1014 NOSIG  
VVCR 221100Z 2212/2312 03012KT 9999 FEW017 SCT060  
PROB40 TEMPO 2220/2224 5000 -RA

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-----  
ADEQUATE AIRPORT: ZJSY/SYX (PHOENIX INTL, ZJ)  
-----

ZJSY 221400Z 10004MPS CAVOK 22/18 Q1017 NOSIG  
ZJSY 220841Z 2212/2312 09005MPS 9999 SCT018 BKN050 TX29/2306Z TN23/22Z

-----  
ADEQUATE AIRPORT: RPLI/LAO (LAOAG INTL, PHILIPPINES)  
-----

RPLI 211000Z 02010G20KT 9999 FEW019 27/20 Q1009 NOSIG RMK A2990  
RPLI 221100Z 2212/2312 04010KT 9999 FEW019  
TEMPO 2212/2218 06008KT FEW019 SCT290

-----  
ADEQUATE AIRPORT: ROAH/OKA (NAHA, OKINAWA ISLANDS)  
-----

ROAH 221430Z 04007KT 9999 FEW045 16/06 Q1025 RMK 1SC045 A3027  
ROAH 221105Z 2212/2318 05006KT 9999 SCT040

-----  
ADEQUATE AIRPORT: RJFG/TNE (TANEGASHIMA, JAPAN)  
-----

RJFG 210900Z 31012KT 290V360 9999 FEW050 10/M00 Q1017  
[TAF NOT AVAILABLE]

-----  
ADEQUATE AIRPORT: RJCK/KUH (KUSHIRO, JAPAN)  
-----

RJCK 211100Z 35021G31KT 9999 DRSN FEW015 SCT120 BKN/// M03/M08 Q0993  
RJCK 221112Z 2212/2318 32007KT 9999 FEW040  
TEMPO 2212/2213 FEW005 BKN008  
BECMG 2300/2303 21014KT  
TEMPO 2306/2309 3000 -SHSN  
BECMG 2309/2312 29005KT

-----  
ADEQUATE AIRPORT: RJCN/SHB (NAKASHIBETSU, JAPAN)  
-----

RJCN 210400Z 03024G37KT 0100 R08/0500V1000N BLSN SHSN VV003 M03/M04 Q0992  
[TAF NOT AVAILABLE]

-----  
ADEQUATE AIRPORT: PADK/ADK (ADAK, ALASKA)  
-----

PADK 221456Z AUTO 00000KT 10SM OVC019 03/01 A3011 RMK A01 57003  
[TAF NOT AVAILABLE]

-----  
ADEQUATE AIRPORT: PACD/CDB (COLD BAY, ALASKA)  
-----

PACD 221453Z 31003KT 10SM FEW045 M01/M04 A3004 RMK A02 SLP175 T10111039  
55001  
PACD 221128Z 2212/2312 07008KT P6SM VCSH SCT025 OVC040  
FM230000 05008KT P6SM VCSH BKN025  
FM230900 10012G18KT 5SM -RASN BR OVC015

-----  
ADEQUATE AIRPORT: PASD/SDP (SAND POINT, ALASKA)  
-----

PASD 221456Z 05004KT 10SM FEW022 SCT050 OVC070 03/01 A3004 RMK A01 WEA:  
NONE (AE) 57003 PNO  
PASD 221128Z 2212/2312 05010KT P6SM VCSH BKN015 OVC025  
FM230900 10012G20KT 5SM -RASN BR OVC015 AMD LTD TO CLD VIS AND WIND

-----  
ADEQUATE AIRPORT: KOTH/OTH (SOUTHWEST OREGON REGL, UNITED STATES)  
-----

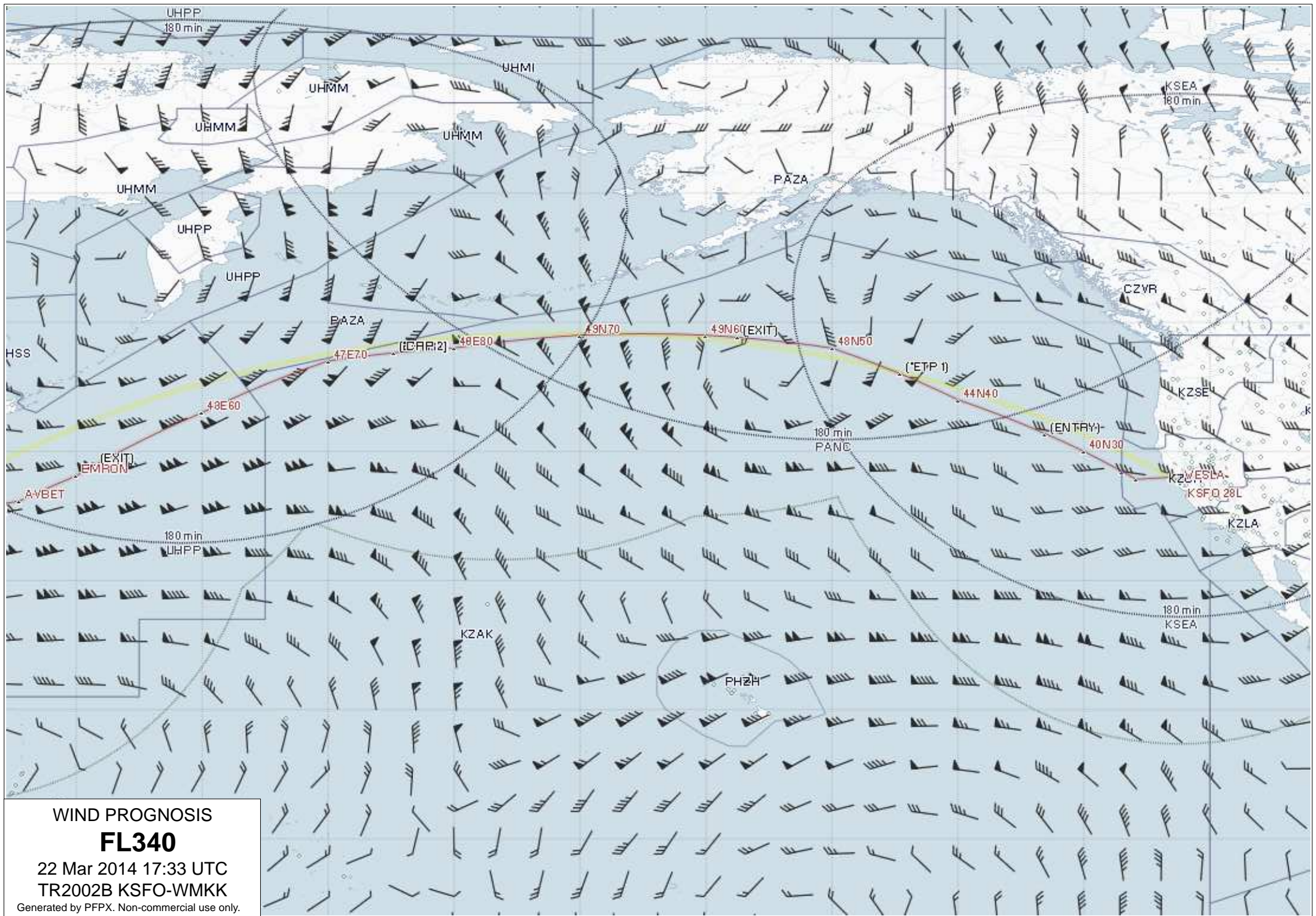
TCC2002B KSFO-WMKK (22 Mar 1710 UTC)

-----  
KOTH 221455Z 16003KT 7SM CLR 02/01 A3027 RMK A01 52007  
KOTH 221126Z 2212/2312 15005KT P6SM SKC  
FM221900 35012KT P6SM SKC  
FM222100 36015G25KT P6SM SKC  
FM230300 01009KT P6SM SKC  
FM230900 15004KT P6SM SKC  
-----

-----  
ADEQUATE AIRPORT: KACV/ACV (ARCATA, UNITED STATES)  
-----

KACV 221453Z AUTO 10005KT 10SM CLR 02/00 A3012 RMK A02 SLP208 T00170000  
52006  
KACV 221140Z 2212/2312 09003KT P6SM SKC  
FM221900 32012KT P6SM SKC  
FM230400 03003KT P6SM SKC

NO REPORTS FOR KZAK (OAKLAND OCEANIC FIR/UIR)  
NO REPORTS FOR RCAA (TAIPEI FIR/UIR)  
NO REPORTS FOR RPHI (MANILA FIR/UIR)  
NO REPORTS FOR ZJSA (SANYA AOR FIR/UIR)  
NO REPORTS FOR VVTS (HO CHI MINH FIR/UIR)  
NO REPORTS FOR WMFC (KUALA LUMPUR FIR/UIR)  
NO REPORTS FOR RPUS (SAN FERNANDO COMMUNITY AIRPORT)  
NO REPORTS FOR RCFN (FONGNIAN AIRPORT)  
NO REPORTS FOR RJTH (HACHIJOJIMA AIRPORT)  
NO REPORTS FOR RJST (MATSUSHIMA AIRPORT)



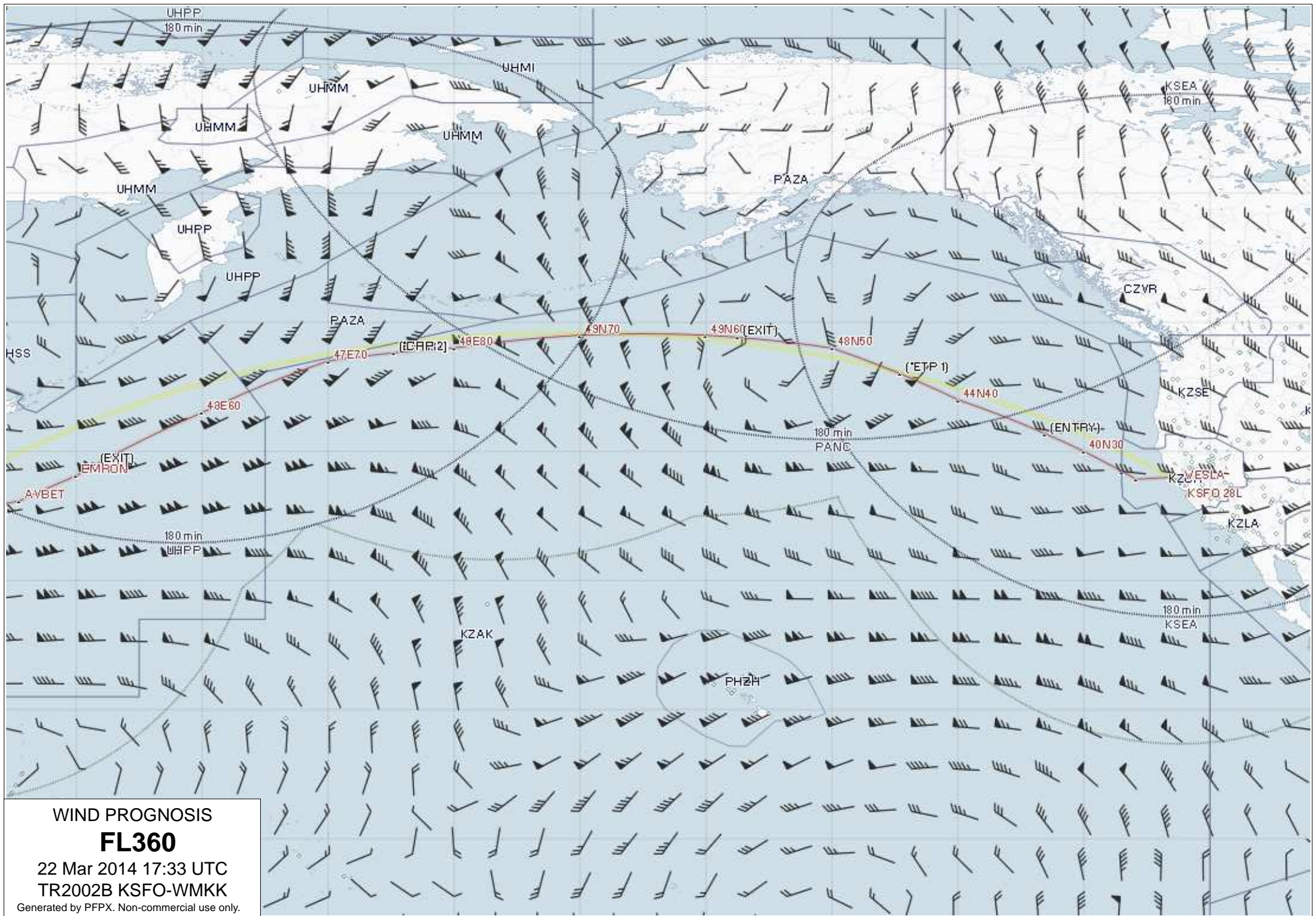
WIND PROGNOSIS

**FL340**

22 Mar 2014 17:33 UTC

TR2002B KSFO-WMCK

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WIND PROGNOSIS

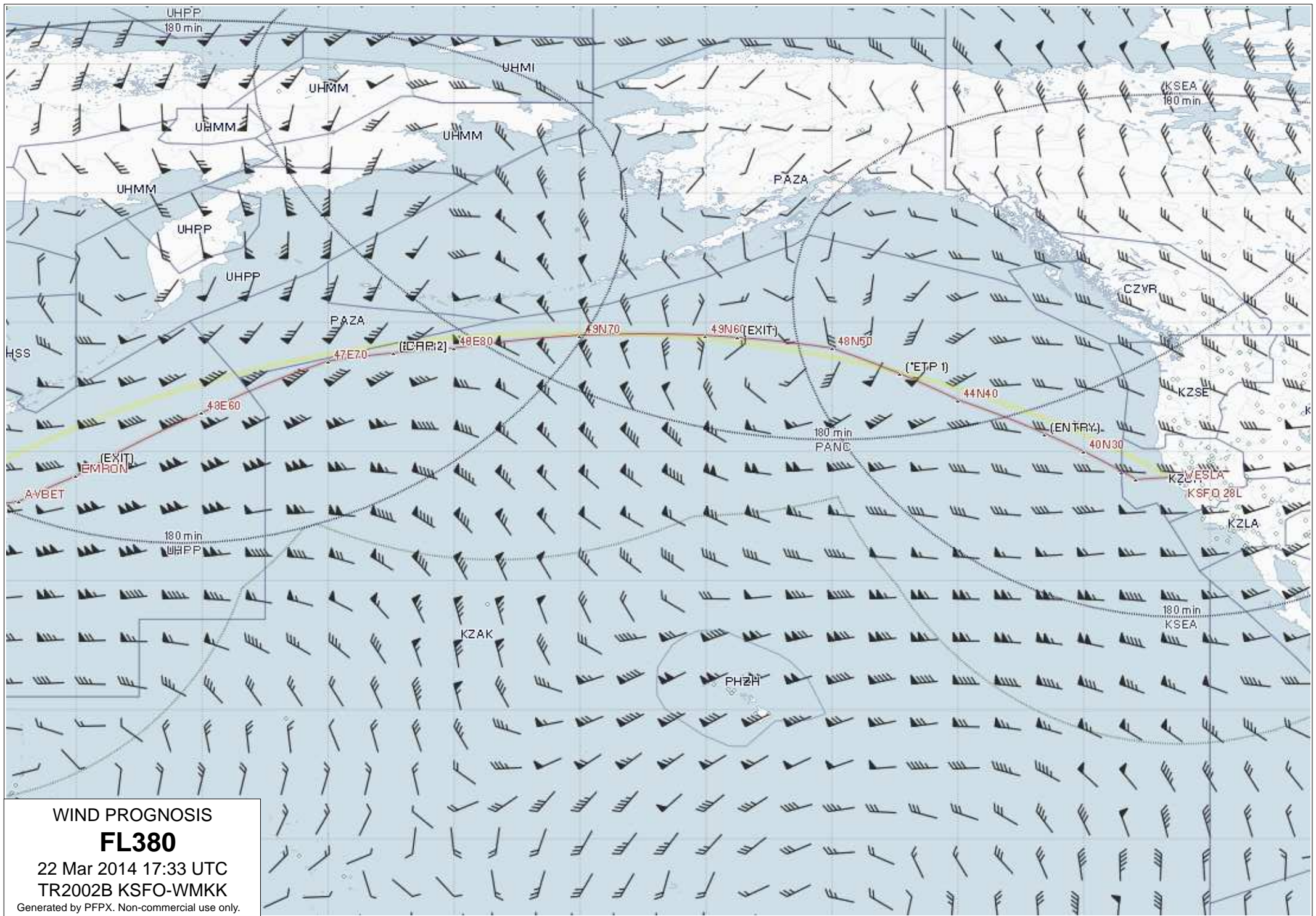
**FL360**

22 Mar 2014 17:33 UTC

TR2002B KSFO-WMKK

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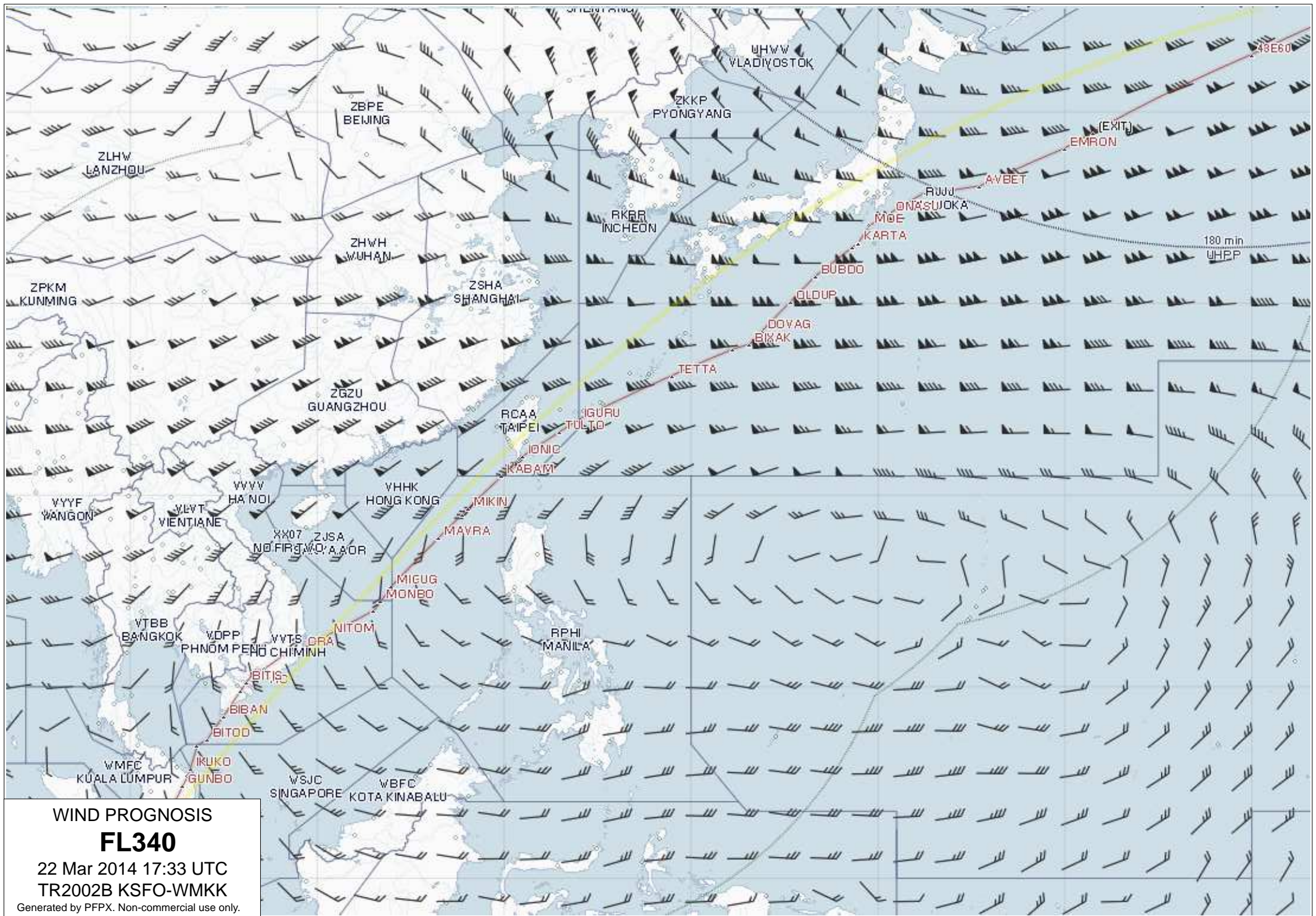
WIND PROGNOSIS

**FL380**

22 Mar 2014 17:33 UTC

TR2002B KSFO-WMKK

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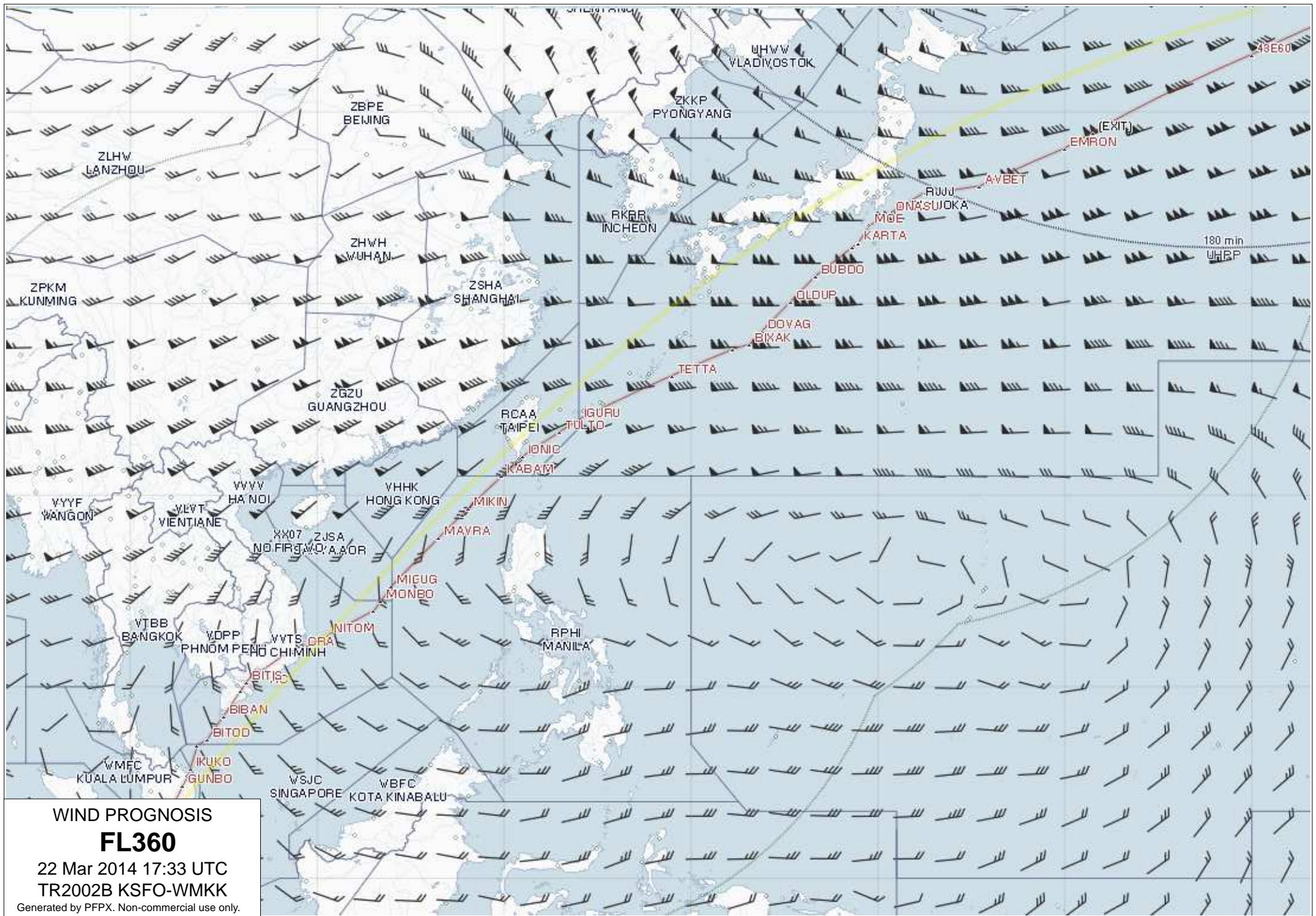
WIND PROGNOSIS

**FL340**

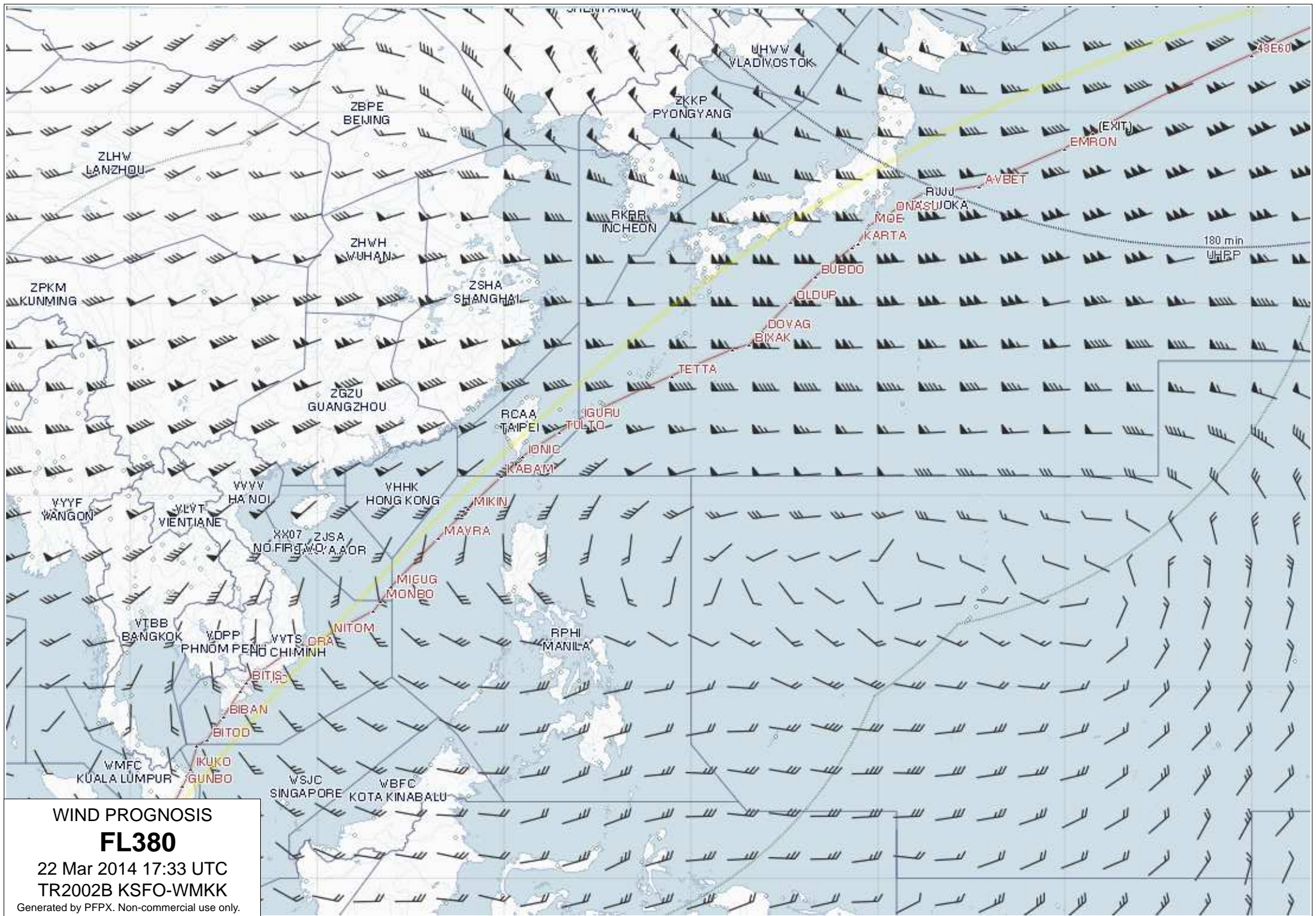
22 Mar 2014 17:33 UTC

TR2002B KSFO-WMCK

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**WIND PROGNOSIS**  
**FL360**  
 22 Mar 2014 17:33 UTC  
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WIND PROGNOSIS

**FL380**

22 Mar 2014 17:33 UTC

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