



**Tradewind VA**



**Flight Briefing Package**

**TCC2002C CYVR-WMKK**

**21 Mar 2015 #2**

OFP #2

VANCOUVER INTL  
(CANADA)

-

KUALA LUMPUR INTL - SEPANG  
(MALAYSIA)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

21 MAR 2039 UTC

RELEASE DETAILS PJTGC CYVR-WMKK RELEASE # 2

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Fuel Planning (lb)	EU-OPS	Fuel	Time
TRIP		257.578	15:50
CONT 5%		12.879	00:57
ALTN	WMKJ	8.532	00:31
FINAL RESV		6.672	00:30
HOLD		4.535	00:20
ADD FUEL		2.009	00:07
MIN T/O		292.205	18:08
EXTRA		3.400	00:15
TAXI		1.710	00:15
RELEASE	CYVR	297.315	18:38
REMAINING	WMKK	38.027	02:33

Load Planning (lb)	PJTGC	Plan	Limit
Empty Weight		344.244	
Payload	263 Pax	61.542	
Zero Fuel Weight		405.786	461.000
Fuel		297.315	358.500
Ramp Weight		703.101	768.000
Take-Off Weight		701.391	766.000
Landing Weight	Limit	443.813	492.000
Underload		48.187	Lim LDW

TRADEWIND CARIBBEAN AIRLINES FLIGHTPLAN - IFR TCC2002C PJTGC CYVR-WMKK

ALL WEIGHTS IN POUNDS (LB) STD 21MAR/2255Z

OPF 2 - PREPARED 21MAR/2039Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

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MAX DIVERSION DISTANCE 1217 NM
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TR2002C/TCC2002C PJTGC/B777-2LR GE SEL/SALH ROUTE: CYVRWMKK01
DEP: CYVR/YVR 08R ELEV 14 FT COST INDEX: 250 TTL G/C DIST: 6926 NM
ARR: WMKK/KUL 33 ELEV 70 FT INIT ALT: 16000 TTL F/P DIST: 7129 NM
FUEL BIAS: 100.5% TTL AIR DIST: 7606 NM
AVG WIND CMP: HD030 KT
ALT: WMKJ/JHB 16 ELEV 127 FT 167 NM

CONFIG DOW PAX CARGO TOTAL ULOAD LIM ZFW TOW LDW
STANDARD 344244 263 0 61542 48187 LDW MAX 461000 766000 492000
PLN 405786 701391 443813
ACT . . . . .

FUEL CORR ENDUR
TRIP 257578 . . . . . 15:50
CONT 5% 12879 . . . . . 00:57
ALTN WMKJ 8532 . . . . . 00:31
FINAL RESV 6672 . . . . . 00:30
HOLD 4535 . . . . . 00:20
ADD FUEL 2009 . . . . . 00:07
MIN T/O 292205 . . . . . 18:08
EXTRA 3400 . . . . . 00:15 CAPTAINS SIGNATURE (....)
TAXI 1710 . . . . . 00:15
RELEASE 297315 . . . . . 18:38 I ACCEPT THIS OPF AND I AM FAMILIAR
WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 358500 LB / MAX EXTRA FUEL 48187 LB LIM BY LDW
TRIP CORR FOR 10000 LB TOW INCR: +3252 LB / 10000 LB TOW DECR: -3082 LB
2000 FT LOWER: +7119 LB / EET 15:35 CLB: 250/310/84 DES: 84/320/250

CYVR/YVR STD 22:55 ETD 22:55 ACT OFBL . . . . . EST T/O 23:10 ACT T/O . . . . .
WMKK/KUL STA 15:05 ETA 15:00 ACT ONBL . . . . . EST LDG 15:00 ACT LDG . . . . .
TTL BLCK . . . . . TTL FLT . . . . .

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (CYVR) 330 NM BEFORE 56N40 N52 58.8 W132 06.3 EET 00:58
ETOPS EXIT (PANC) 317 NM BEFORE CJAYY N56 12.6 W141 09.3 EET 01:45
ETOPS ENTRY (PANC) 107 NM BEFORE CHUUK N58 02.7 W161 51.7 EET 03:10
ETOPS EXIT (PASY) 183 NM BEFORE OBOYD N56 57.6 W176 44.9 EET 04:09
ETOPS ENTRY (PASY) 69 NM BEFORE NOGAL N46 58.3 E154 15.3 EET 06:43
ETOPS EXIT (PASY) 95 NM BEFORE NUBDA N43 31.0 E148 59.4 EET 07:23

EROPS ALTNS WX/NOTAM SUITABILITY PERIOD

CYVR (00:51-01:52)
PANC (01:27-04:18)
PASY (03:52-09:30)

ONE ENGINE OUT ETP 1 FOR CYVR/PANC N54 45.2 W136 26.0 EET 01:22
1E084/320 DESC TO FL320 CRUISE AT 1E0320 143 NM BEFORE 56N40
PLN FUEL OVER ETP 263420 ETP FUEL REQ 27582 DIV TIME 01:10
ETP TO CYVR (N49 11.7 W123 11.0) DIST 597 NM WC TL010 TT 119

ETP TO PANC (N61 10.4 W149 59.9) DIST 573 NM WC HD008 TT 317  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

ONE ENGINE OUT DECOMP ETP 1 FOR CYVR/PANC N54 38.7 W136 08.7 EET 01:20  
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 155 NM BEFORE 56N40  
 PLN FUEL OVER ETP 264021 ETP FUEL REQ 30947 DIV TIME 01:37  
 ETP TO CYVR (N49 11.7 W123 11.0) DIST 582 NM WC HD005 TT 119  
 ETP TO PANC (N61 10.4 W149 59.9) DIST 587 NM WC 0 TT 317  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

ALL ENGINE DECOMP ETP 1 FOR CYVR/PANC N54 38.7 W136 08.7 EET 01:20  
 84/320/250 DESC TO FL100 CRUISE AT AE320 155 NM BEFORE 56N40  
 PLN FUEL OVER ETP 264021 ETP FUEL REQ 29370 DIV TIME 01:37  
 ETP TO CYVR (N49 11.7 W123 11.0) DIST 582 NM WC HD005 TT 119  
 ETP TO PANC (N61 10.4 W149 59.9) DIST 587 NM WC 0 TT 317  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

ONE ENGINE OUT ETP 2 FOR PANC/PASY N57 44.8 W169 53.6 EET 03:41  
 1E084/320 DESC TO FL320 CRUISE AT 1E0320 410 NM BEFORE OBOYD  
 PLN FUEL OVER ETP 221097 ETP FUEL REQ 29324 DIV TIME 01:15  
 ETP TO PANC (N61 10.4 W149 59.9) DIST 640 NM WC TL006 TT 063  
 ETP TO PASY (N52 42.7 E174 06.8) DIST 623 NM WC HD005 TT 248  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

ONE ENGINE OUT DECOMP ETP 2 FOR PANC/PASY N57 47.2 W169 24.7 EET 03:39  
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 426 NM BEFORE OBOYD  
 PLN FUEL OVER ETP 221585 ETP FUEL REQ 32436 DIV TIME 01:44  
 ETP TO PANC (N61 10.4 W149 59.9) DIST 627 NM WC 0 TT 063  
 ETP TO PASY (N52 42.7 E174 06.8) DIST 636 NM WC TL008 TT 249  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

ALL ENGINE DECOMP ETP 2 FOR PANC/PASY N57 47.2 W169 24.7 EET 03:39  
 84/320/250 DESC TO FL100 CRUISE AT AE320 426 NM BEFORE OBOYD  
 PLN FUEL OVER ETP 221585 ETP FUEL REQ 30770 DIV TIME 01:44  
 ETP TO PANC (N61 10.4 W149 59.9) DIST 627 NM WC 0 TT 063  
 ETP TO PASY (N52 42.7 E174 06.8) DIST 636 NM WC TL008 TT 249  
 \*\*\* FUEL DUMP REQUIRED \*\*\*

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ATC ROUTE: N0405A160 DCT YVR V317 JORJA/N0488F300 V317 TREEL DCT QQ DCT YZT DCT  
 52N130W 56N140W DCT CJAYY/N0490F320 DCT 58N160W DCT CHUUK DCT OBOYD  
 DCT NATES/N0485F330 R220 NUZAN/N0485F340 R220 NOGAL/N0490F350 R220  
 NANNO DCT ALICE/N0488F360 Y111 MQE Y124 HANKA V34 GTC Y142 SAMON Y14  
 DGC Y28 ISAKY Y60 FUE Z40 IGMON A1 BULAN/N0485F380 A1 DRAKE L2 TINHO  
 B591 HCN/N0493F360 N892 MUMOT/N0486F390 N892 MIGUG/K0897F390 N892  
 MAPNO/K0905F380 M765 CN/K0899F390 L642 ESPOB/N0487F380 L642 ENREP  
 M763 TAXUL Y349 PULIP KID01D

ALTERNATE PLANNING

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 ALTN/RWY DIST ALT/FL COMP TIME FUEL DIFF ROUTE  
 WMKJ/16 167 FL250 TL001 00:31 8532 - BATA1F BATAR A464 TOPOR TOP02C  
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AWY	WAYPOINT NAME	MT	ALT TMP	WND/VEL FREQ	TAS GS	DIST REM	FUEL REM / USED POSITION	LEG	ACC
	CYVR/08R VANCOUVER INTL		14				295.6 / 1.7 7129 N4911.7 W12311.0	...../.....	
DCT	YVR VANCOUVER	152	*CLB	115.90		8 7121 N4904.6 W12309.0	292.1 / 5.3 ...../.....	04	00:04
V317	CANRY	283	*CLB			9	290.6 / 6.7	01	00:05

						7112	N4909.0	W12320.2	...../.....
V317	JORJA	283	*CLB			9	289.5 /	7.8	02 00:07
						7103	N4913.7	W12332.6	...../.....
	*TOC	284	16000	220/019	405	1	289.3 /	8.0	00 00:07
			-25		401	7101	N4914.4	W12334.2	...../.....
V317	TREEL	284	*CLB			14	288.7 /	8.6	02 00:09
						7088	N4921.4	W12351.9	...../.....
DCT	QQ	282	*CLB			49	284.5 /	12.8	07 00:16
	COMOX			400.0		7039	N4945.2	W12457.5	...../.....
DCT	YZT	284	FL300	226/024	487	108	279.9 /	17.4	14 00:30
	PORT HARDY		-52	112.00	480	6931	N5041.0	W12721.9	...../.....
DCT	52N30	291	FL300	222/022	486	127	274.9 /	22.4	15 00:45
	52N130W		-53		484	6804	N5200.0	W13000.0	...../.....
*** ETOPS ENTRY (CYVR) 0330NM BEFORE 56N40 EET 00:58 ***									
-PAZA	*ETP 1	287	FL300	300/024	486	272	264.1 /	33.2	35 01:20
	CYVR/PANC		-56		483	6533	N5438.7	W13608.7	...../.....
DCT	56N40	284	*CLB			155	257.9 /	39.4	20 01:40
	56N140W					6378	N5600.0	W14000.0	...../.....
*** ETOPS EXIT (PANC) 0317NM BEFORE CJAYY EET 01:45 ***									
DCT	CJAYY	268	FL320	182/016	484	358	243.7 /	53.7	46 02:26
			-55		485	6020	N5727.8	W15031.9	...../.....
DCT	58N60	263	FL320	144/017	490	305	232.5 /	64.8	37 03:03
	58N160W		-50		500	5714	N5800.0	W16000.0	...../.....
*** ETOPS ENTRY (PANC) 0107NM BEFORE CHUUK EET 03:10 ***									
DCT	CHUUK	259	FL320	124/009	488	166	226.5 /	70.8	20 03:23
			-52		496	5548	N5803.5	W16512.9	...../.....
	*ETP 2	253	FL320	031/008	488	135	221.7 /	75.6	16 03:39
	PANC/PASY		-55		496	5414	N5747.2	W16924.7	...../.....
*** ETOPS EXIT (PASY) 0183NM BEFORE OBOYD EET 04:09 ***									
DCT	OBOYD	249	FL320	054/003	484	426	206.5 /	90.8	53 04:32
			-57		487	4988	N5603.9	E17758.7	...../.....
DCT	NATES	251	*CLB			215	198.9 /	98.4	27 04:59
						4773	N5455.7	E17158.8	...../.....
R220	NIKLL	235	FL330	301/015	485	120	194.6 /	102.8	14 05:13
			-55		480	4653	N5344.8	E16913.9	...../.....
R220	NYMPH	242	FL330	298/014	485	41	193.1 /	104.2	06 05:19
			-54		477	4612	N5324.5	E16814.4	...../.....
R220	NUZAN	242	*CLB			198	186.1 /	111.2	25 05:44
						4414	N5139.5	E16338.7	...../.....
R220	NRKEY	240	FL340	237/015	485	151	180.7 /	116.6	19 06:03
			-54		470	4263	N5012.4	E16022.7	...../.....

R220 NIPPI 239 FL340 239/016 486 50 178.9 / 118.4 06 06:09  
 -RJJJ -54 470 4213 N4942.6 E15920.8 ...../.....

\*\*\* ETOPS ENTRY (PASY) 0069NM BEFORE NOGAL EET 06:43 \*\*\*

R220 NOGAL 236 FL340 252/032 489 330 167.2 / 130.1 43 06:52  
 -51 461 3882 N4613.0 E15300.2 ...../.....

\*\*\* ETOPS EXIT (PASY) 0095NM BEFORE NUBDA EET 07:23 \*\*\*

R220 NUBDA 233 FL350 263/055 490 331 155.2 / 142.1 43 07:35  
 -49 447 3552 N4223.5 E14728.5 ...../.....

R220 NANNO 232 FL350 265/059 489 40 153.8 / 143.5 06 07:41  
 -50 444 3512 N4155.0 E14651.6 ...../.....

DCT ALICE 253 \*CLB 163 147.6 / 149.7 23 08:04  
 3349 N4044.7 E14335.8 ...../.....

Y111 MQE 244 FL360 266/081 488 92 144.0 / 153.3 13 08:17  
 MIYAKO -51 116.60 418 3257 N3951.9 E14157.1 ...../.....

Y124 HPE 244 FL360 266/084 488 46 142.3 / 155.0 06 08:23  
 HANAMAKI -51 112.80 414 3211 N3926.0 E14108.0 ...../.....

Y124 HANKA 235 FL360 266/085 487 36 140.9 / 156.4 06 08:29  
 -52 418 3174 N3901.1 E14033.7 ...../.....

V34 MAMRO 236 FL360 266/086 487 17 140.3 / 157.0 02 08:31  
 -51 417 3158 N3850.0 E14017.8 ...../.....

V34 GTC20 235 FL360 267/090 488 57 138.2 / 159.1 08 08:39  
 GTC055020 -51 417 3101 N3811.1 E13925.5 ...../.....

V34 GTC 235 FL360 267/092 488 20 137.4 / 159.9 03 08:42  
 NIIGATA -51 115.50 415 3081 N3757.5 E13906.9 ...../.....

Y142 NESKO 254 FL360 266/099 488 125 132.5 / 164.8 19 09:01  
 -51 394 2956 N3706.0 E13643.2 ...../.....

Y142 SAMON 253 FL360 266/106 488 119 127.8 / 169.5 18 09:19  
 -51 389 2837 N3614.6 E13430.2 ...../.....

Y14 DRIPS 246 FL360 266/108 488 38 126.3 / 171.0 06 09:25  
 -52 390 2799 N3554.5 E13350.1 ...../.....

Y14 JEC 246 FL360 266/110 488 43 124.6 / 172.7 06 09:31  
 MIHO YONAGO -52 116.70 389 2756 N3531.9 E13305.6 ...../.....

Y14 HALNA 240 FL360 267/119 488 97 120.8 / 176.5 15 09:46  
 -52 388 2659 N3432.0 E13132.2 ...../.....

Y14 STOUT 239 FL360 267/121 489 33 119.5 / 177.8 06 09:52  
 -51 386 2626 N3411.4 E13101.0 ...../.....

Y14 DGC 233 FL360 268/124 489 44 117.8 / 179.5 06 09:58  
 FUKUOKA -51 114.50 391 2582 N3340.6 E13023.4 ...../.....

Y28 ISAKY 240 FL360 268/127 489 47 115.9 / 181.4 08 10:06  
 -52 381 2536 N3312.4 E12939.2 ...../.....

Y60 FUE 239 FL360 268/130 488 53 113.8 / 183.5 08 10:14  
 FUKUE -52 115.80 378 2483 N3240.1 E12849.6 ...../.....

Z40	ESBIS	228	FL360 -52	267/132	489 389	113 2370	109.5 / 187.8 N3115.2 E12722.9	17	10:31	...../.....
Z40	IGMON	219	FL360 -50	265/115	490 413	259 2111	99.9 / 197.4 N2737.3 E12443.2	39	11:10	...../.....
A1 -RCAA	BULAN	235	*CLB			50 2061	98.0 / 199.3 N2705.5 E12400.0	07	11:17	...../.....
A1	OSTAR	235	FL380 -54	266/107	485 394	70 1991	95.1 / 202.2 N2619.9 E12300.0	11	11:28	...../.....
A1	AISAR	234	FL380 -54	266/103	485 397	36 1955	93.8 / 203.5 N2556.8 E12229.6	06	11:34	...../.....
A1	DRAKE	233	FL380 -54	266/099	485 403	30 1925	92.7 / 204.6 N2536.9 E12204.7	04	11:38	...../.....
L2	KUDOS	193	FL380 -54	266/094	485 455	29 1896	91.8 / 205.5 N2507.9 E12159.5	04	11:42	...../.....
L2	POLKA	182	FL380 -54	267/090	485 476	28 1867	90.9 / 206.4 N2439.6 E12200.8	04	11:46	...../.....
L2	TINHO	181	FL380 -54	267/088	485 476	18 1849	90.4 / 207.0 N2421.2 E12201.7	02	11:48	...../.....
B591	TITUS	200	FL380 -53	266/083	486 451	34 1815	89.3 / 208.0 N2348.7 E12151.2	04	11:52	...../.....
B591	WAGON	202	FL380 -53	266/082	486 449	14 1801	88.8 / 208.5 N2335.4 E12146.5	02	11:54	...../.....
B591	JICHI	199	FL380 -53	266/080	486 454	11 1790	88.5 / 208.8 N2324.6 E12143.4	02	11:56	...../.....
B591	TACLE	200	FL380 -53	266/077	486 453	26 1764	87.6 / 209.7 N2259.6 E12135.2	03	11:59	...../.....
B591	GID LUDAO TAITUNG	200	FL380 -53	265/075 116.90	486 454	20 1743	87.0 / 210.3 N2240.3 E12129.2	03	12:02	...../.....
B591	TUNNY	222	FL380 -53	265/073	487 432	24 1720	86.2 / 211.1 N2221.9 E12113.2	03	12:05	...../.....
B591	BUSBY	222	FL380 -53	265/070	487 434	23 1696	85.5 / 211.9 N2203.7 E12057.5	03	12:08	...../.....
B591	HCN HENGCHUN	222	*DES	113.70		10 1686	85.1 / 212.2 N2155.7 E12050.6	02	12:10	...../.....
N892 -RPHI	KABAM	227	FL360 -48	262/056	493 446	78 1609	82.7 / 214.6 N2100.0 E11952.8	10	12:20	...../.....
N892	MIKIN	228	FL360 -48	258/043	493 456	141 1467	78.2 / 219.2 N1920.1 E11806.6	19	12:39	...../.....
N892	MUMOT	227	FL360 -48	257/041	494 458	26 1441	77.3 / 220.0 N1901.7 E11747.4	04	12:43	...../.....
	*CLB	227	FL360 -48	256/035	494 463	75 1366	75.0 / 222.3 N1808.2 E11652.1	09	12:52	...../.....
N892	MAVRA	226	FL390 -55	255/036	484 451	30 1336	73.7 / 223.6 N1746.7 E11630.1	04	12:56	...../.....
N892	MIGUG	226	FL390	258/023	484	208	67.4 / 229.9	28	13:24	

-ZJSA			-55		465	1128	N1516.4	E11400.0	...../.....
N892	MONBO	217	FL390	260/019	485	57	65.8 /	231.6	07 13:31
-VVTS			-55		470	1071	N1430.0	E11325.7	...../.....
N892	MESOX	217	FL390	262/016	485	38	64.6 /	232.7	05 13:36
			-55		472	1032	N1358.8	E11302.7	...../.....
N892	MUGAN	216	FL390	270/008	485	119	61.2 /	236.1	15 13:51
			-55		479	913	N1222.0	E11152.3	...../.....
N892	MIMUX	216	FL390	263/004	485	78	59.0 /	238.3	10 14:01
			-55		482	835	N1118.3	E11106.2	...../.....
N892	MAPNO	215	*DES			80	56.8 /	240.5	09 14:10
						756	N1013.1	E11020.1	...../.....
M765	DAGAG	248	FL380	024/004	488	121	53.5 /	243.8	15 14:25
			-52		492	635	N0927.8	E10826.5	...../.....
M765	CN	248	*CLB			116	50.3 /	247.0	14 14:39
	CONSON			375.0		518	N0844.0	E10637.6	...../.....
L642	ESPOB	212	FL390	358/006	485	122	46.9 /	250.5	15 14:54
-WSJC			-55		491	396	N0700.0	E10533.3	...../.....
L642	ENREP	212	*DES			150	42.8 /	254.5	19 15:13
						246	N0452.4	E10414.7	...../.....
M763	TAXUL	209	FL380	100/008	489	71	41.0 /	256.4	08 15:21
-WMFC			-52		492	176	N0350.6	E10340.6	...../.....
	*TOD	265	FL380	100/008	489	46	39.7 /	257.6	06 15:27
			-52		498	130	N0346.3	E10254.9	...../.....
Y349	PULIP	265	*DES			61	38.9 /	258.4	11 15:38
						68	N0340.4	E10153.8	...../.....
KIDO1D	KIDOT	201	*DES			40	38.5 /	258.8	06 15:44
						29	N0303.3	E10139.4	...../.....
KIDO1D	WMKK/33	172	70			29	38.0 /	259.3	06 15:50
	KUALA LUMPUR INT						N0244.6	E10141.9	...../.....

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WIND INFORMATION - OBS 21/MAR 12:00

(CLIMB)		YZT		52N30		CJAYY	
15000	221/020	-23	FL340	232/032	-50	FL340	225/027 -51
12000	224/019	-16	FL320	230/028	-51	FL320	224/024 -52
9000	227/018	-9	FL300	227/024	-52	FL300	222/022 -53
6000	230/019	-2	FL280	218/023	-50	FL280	216/022 -51
3000	223/016	+4	FL260	208/022	-47	FL260	208/022 -48
						FL360	168/011 -50
						FL340	163/013 -53
						FL320	183/017 -55
						FL300	195/022 -57
						FL280	196/020 -53
58N60		CHUUK		OBOYD		NIKLL	
FL360	162/016	-48	FL360	162/013	-50	FL360	284/010 -54
FL340	156/015	-49	FL340	148/011	-50	FL340	305/005 -56
FL320	145/018	-50	FL320	124/010	-52	FL320	054/003 -56
FL300	136/020	-50	FL300	097/010	-53	FL300	083/010 -57
FL280	129/020	-49	FL280	089/013	-51	FL280	087/012 -54
						FL370	276/021 -52
						FL350	290/018 -54
						FL330	302/015 -54
						FL310	310/011 -55
						FL290	327/008 -54
NRKEY		NOGAL		NUBDA		MQE	
FL380	247/027	-50	FL380	252/039	-49	FL390	260/059 -48
FL360	244/021	-52	FL360	252/036	-50	FL370	262/057 -49
FL340	238/015	-54	FL340	253/032	-51	FL350	264/055 -49
FL320	227/012	-54	FL320	252/027	-51	FL330	266/053 -50
FL300	208/009	-54	FL300	250/022	-52	FL310	268/049 -50
						FL400	263/080 -50
						FL380	265/081 -50
						FL360	266/082 -51
						FL340	267/083 -51
						FL320	268/083 -51
GTC20		NESKO		SAMON		HALNA	
FL400	265/091	-51	FL400	265/100	-52	FL400	265/107 -52
FL380	266/092	-51	FL380	266/101	-51	FL380	266/109 -52
FL360	267/090	-51	FL360	266/099	-51	FL360	266/106 -51
FL340	268/089	-51	FL340	267/097	-51	FL340	267/103 -51
FL320	268/088	-50	FL320	267/092	-51	FL320	268/097 -50
						FL400	266/120 -54
						FL380	267/122 -53
						FL360	268/119 -51
						FL340	269/117 -50
						FL320	270/108 -48
ISAKY		ESBIS		IGMON		OSTAR	
FL400	267/127	-55	FL400	267/133	-56	FL400	266/116 -57
FL380	268/129	-53	FL380	267/135	-54	FL380	266/118 -54
FL360	269/128	-51	FL360	268/133	-51	FL360	266/116 -50
FL340	270/127	-50	FL340	268/130	-49	FL340	266/113 -46
FL320	271/122	-47	FL320	268/123	-46	FL320	265/108 -42
						FL420	265/101 -61
						FL400	266/105 -58
						FL380	266/108 -54
						FL360	266/105 -50
						FL340	266/102 -45
POLKA		TACLE		KABAM		MIKIN	
FL420	266/088	-62	FL420	266/075	-62	FL400	263/059 -58
FL400	267/090	-58	FL400	266/077	-58	FL380	262/058 -53
FL380	267/091	-54	FL380	266/078	-53	FL360	262/057 -48
FL360	266/086	-49	FL360	265/074	-48	FL340	262/055 -43
FL340	264/081	-44	FL340	263/071	-43	FL320	262/052 -38
						FL400	258/046 -57
						FL380	258/045 -53
						FL360	258/043 -48
						FL340	259/041 -43
						FL320	259/039 -38
MAVRA		MIGUG		MUGAN		DAGAG	
FL430	253/036	-64	FL430	246/024	-65	FL430	232/013 -65
FL410	254/037	-60	FL410	252/023	-60	FL410	246/011 -60
FL390	256/037	-55	FL390	259/023	-55	FL390	271/009 -55
FL370	256/035	-50	FL370	258/022	-50	FL370	270/007 -50
FL350	257/033	-45	FL350	256/020	-45	FL350	257/005 -44
						FL420	169/005 -62
						FL400	063/002 -57
						FL380	025/005 -52
						FL360	006/002 -47
						FL340	246/002 -41
ESPOB		TAXUL		(DESCENT)			
FL430	140/003	-65	FL420	116/006	-62	FL370	121/010 -49
FL410	028/002	-60	FL400	104/008	-57	FL300	106/010 -30
FL390	359/006	-55	FL380	101/009	-52	FL220	119/005 -13
FL370	005/005	-50	FL360	112/008	-47	FL150	105/003 0
FL350	030/003	-44	FL340	124/008	-41	7000	307/003 +13

END FLIGHTPLAN 01101 TCC2002C PJTGC CYVR-WMKK 21MAR2015

ATC FLIGHTPLAN

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(FPL-TCC2002C-IS  
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2  
-CYVR2255  
-N0405A160 DCT YVR V317 JORJA/N0488F300 V317 TREEL DCT QQ DCT YZT DCT 52N130W  
56N140W DCT CJAYY/N0490F320 DCT 58N160W DCT CHUUK DCT OBOYD DCT  
NATES/N0485F330  
R220 NUZAN/N0485F340 R220 NOGAL/N0490F350 R220 NANNO DCT ALICE/N0488F360 Y111  
MQE Y124 HANKA V34 GTC Y142 SAMON Y14 DGC Y28 ISAKY Y60 FUE Z40 IGMON A1  
BULAN/N0485F380 A1 DRAKE L2 TINHO B591 HCN/N0493F360 N892 MUMOT/N0486F390 N892  
MIGUG/K0897F390 N892 MAPNO/K0905F380 M765 CN/K0899F390 L642 ESPOB/N0487F380  
L642 ENREP M763 TAXUL Y349 PULIP KID01D  
-WMKK1550 WMKJ  
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/150321 REG/PJTGC  
EET/PAZA0114 PAZA0509 RJJJ0609 RCAA1117 RPHI1220 ZJSA1324 VVTS1331 WSJC1454  
WMFC1521  
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CHARTER ORGN/TNCCTCAP  
PER/C  
RALT/PANC PASY  
RMK/TCAS  
-E/1823)

WEATHER BRIEFING - GENERATED 21 MAR 2015 20:39 UTC

PAZA RJJJ RCAA RPHI ZJSA VVTS WSJC WMFC CYVR WMKK WMKJ PANC PASY WMKN VVCT VVCR  
ZJSY RPUS RPLI RCFN ROKJ RJFS RJNK RJSA UHPP

RJJJ (FUKUOKA FIR/UIR)

WVJP31 RJTD 211940

RJJJ SIGMET A06 VALID 211940/220140 RJTD-  
RJJJ FUKUOKA FIR VA ERUPTION MT SAKURAJIMA-WAKAMIKOAIRA-CALDERA  
PSN N3136 E13039 VA CLD OBS AT 1917Z FL060 MOV SE INTST UNKNOWN=

WVJP31 RJTD 211820

RJJJ SIGMET V05 VALID 211820/220020 RJTD-  
RJJJ FUKUOKA FIR VA MT ASOSAN PSN N3253 E13106 VA CLD OBS AT 1800Z  
FL050 MOV SE INTST UNKNOWN=

WVJP31 RJTD 211220

RJJJ SIGMET V04 VALID 211220/211820 RJTD-  
RJJJ FUKUOKA FIR VA MT ASOSAN PSN N3253 E13106 VA CLD OBS AT 1200Z  
FL060 MOV SE INTST UNKNOWN=

WVJP31 RJTD 211940

RJJJ SIGMET A06 VALID 211940/220140 RJTD-  
RJJJ FUKUOKA FIR VA ERUPTION MT SAKURAJIMA-WAKAMIKOAIRA-CALDERA  
PSN N3136 E13039 VA CLD OBS AT 1917Z FL060 MOV SE INTST UNKNOWN=

WVJP31 RJTD 211820

RJJJ SIGMET V05 VALID 211820/220020 RJTD-  
RJJJ FUKUOKA FIR VA MT ASOSAN PSN N3253 E13106 VA CLD OBS AT 1800Z  
FL050 MOV SE INTST UNKNOWN=

WVJP31 RJTD 211220

RJJJ SIGMET V04 VALID 211220/211820 RJTD-  
RJJJ FUKUOKA FIR VA MT ASOSAN PSN N3253 E13106 VA CLD OBS AT 1200Z  
FL060 MOV SE INTST UNKNOWN=

VVTS/SGN (TAN SON NHAT INTL, VIETNAM)

VVTS 212000Z 16004KT 120V190 9999 FEW020 26/21 Q1012 NOSIG  
VVTS 211700Z 2118/2224 12010KT 9999 SCT017

ORIGIN: CYVR/YVR (VANCOUVER INTL, CANADA)

CYVR 212017Z 23006KT 210V280 12SM -SHRA FEW009 FEW030TCU BKN049 OVC080  
10/08 A3005 RMK CF1TCU1SC4AS2 SLP174  
CYVR 211739Z 2118/2224 28008KT P6SM FEW005 SCT020 BKN040  
TEMPO 2118/2120 5SM -SHRA BR SCT005 BKN020  
FM212000 VRB03KT P6SM FEW015 BKN040  
TEMPO 2120/2203 SCT040  
FM220300 09006KT P6SM FEW030  
PROB30 2207/2215 1/2SM FG RMK NXT FCST BY 212100Z

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

WMKK 212000Z 35001KT 9000 FEW017CB BKN280 26/24 Q1011 NOSIG  
WMKK 211700Z 2118/2224 15005KT 8000 FEW017CB SCT140 BKN280  
BECMG 2120/2124 4000 HZ FEW010  
TEMPO 2207/2211 4000 TSRA FEW015CB SCT018

ALTERNATE: WMKJ/JHB (SENAI INTL, MALAYSIA)

-----  
WMKJ 212000Z 00000KT 6000 FEW023 BKN300 25/24 Q1012  
WMKJ 211700Z 2118/2218 01005KT 8000 FEW020 SCT140 BKN280  
BECMG 2120/2124 3000 HZ FEW010  
TEMPO 2207/2211 4000 TSRA FEW015CB SCT018  
-----

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

PANC 211953Z 00000KT 10SM FEW060 BKN200 03/M03 A2971 RMK A02 SLP063  
T00331033  
PANC 211728Z 2118/2224 VRB06KT P6SM BKN200  
FM212200 27006KT P6SM SCT006  
FM220300 06007KT P6SM BKN060  
FM221000 VRB03KT P6SM BKN025  
FM222300 VRB03KT P6SM SCT025 BKN045  
-----

-----  
ETOPS ALTERNATE: PASY/SYA (EARECKSON AS, ALASKA)  
-----

PASY 211956Z AUTO 04013KT 10SM OVC080 01/M04 A2995 RMK A02 SLP145 T00111039  
TSNO \$  
PASY 2114/2220 04015KT 9000 -SN FEW020 BKN040 600403 QNH2992INS TX03/2201Z  
TN00/2115Z  
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-----  
ADEQUATE AIRPORT: WMKN/TGG (SULTAN MAHMUD, MALAYSIA)  
-----

WMKN 212000Z 24003KT 9999 FEW024 BKN300 26/24 Q1011  
WMKN 211700Z 2118/2218 23005KT 9000 FEW024 BKN300  
-----

-----  
ADEQUATE AIRPORT: VVCT/VCA (CAN THO INTL, VIETNAM)  
-----

VVCT 211100Z 13005KT 9999 FEW015 29/19 Q1011 NOSIG  
VVCT 211700Z 2118/2218 12008KT 9999 SCT017  
-----

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

VVCR 212000Z 03008KT CAVOK 25/23 Q1014 NOSIG  
VVCR 211700Z 2118/2218 02006KT 9999 FEW015 SCT300  
BECMG 2203/2204 09012KT  
BECMG 2215/2216 30005KT  
-----

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

ZJSY 212000Z 00000MPS 9999 BKN026 23/21 Q1015 NOSIG  
ZJSY 211307Z 2118/2218 09004MPS 9999 FEW018 TX31/2206Z TN23/22Z  
-----

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

RPLI 211800Z 00000KT 9999 FEW019 SCT290 24/22 Q1011 NOSIG RMK A2985  
RPLI 211700Z 2118/2218 07006KT 9999 FEW019 SCT290  
TEMPO 2206/2212 06008KT 9999 FEW019 SCT100  
-----

-----  
ADEQUATE AIRPORT: RJFS/HSG (SAGA, JAPAN)  
-----

RJFS 211900Z 03004KT CAVOK 07/05 Q1016  
RJFS 211711Z 2118/2224 28007KT 8000 FEW040  
-----

-----  
ADEQUATE AIRPORT: RJNK/KMQ (KOMATSU, JAPAN)  
-----

RJNK 212000Z 15004KT 9999 NSC 05/02 Q1014  
RJNK 211706Z 2118/2224 16004KT 9999 FEW030  
BECMG 2201/2203 24010KT  
BECMG 2212/2215 30010KT

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ADEQUATE AIRPORT: RJSA/AOJ (AOMORI, JAPAN)  
-----

RJSA 211200Z 22006KT CAVOK 06/M07 Q1012  
RJSA 211705Z 2118/2224 21010KT 9999 FEW005 SCT015  
TEMPO 2221/2224 24015G25KT 1500 -SHSN

-----  
ADEQUATE AIRPORT: UHPP/PKC (YELIZOVO, RUSSIAN FEDERATION)  
-----

UHPP 212000Z 01004MPS 9999 NSC M09/M13 Q1023 NOSIG RMK QFE764/1019 SC070  
UHPP 211650Z 2118/2224 02003MPS 9999 SCT030CB OVC100 540009  
TEMPO 2118/2122 VRB02MPS 0700 FZFG VV002  
TEMPO 2122/2208 18003G08MPS -SHSN BKN015CB  
TEMPO 2208/2222 VRB02MPS 0800 FZFG VV002

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UHPP (PETROPAVLOVSK KAMCHATSKY FIR/UIR)  
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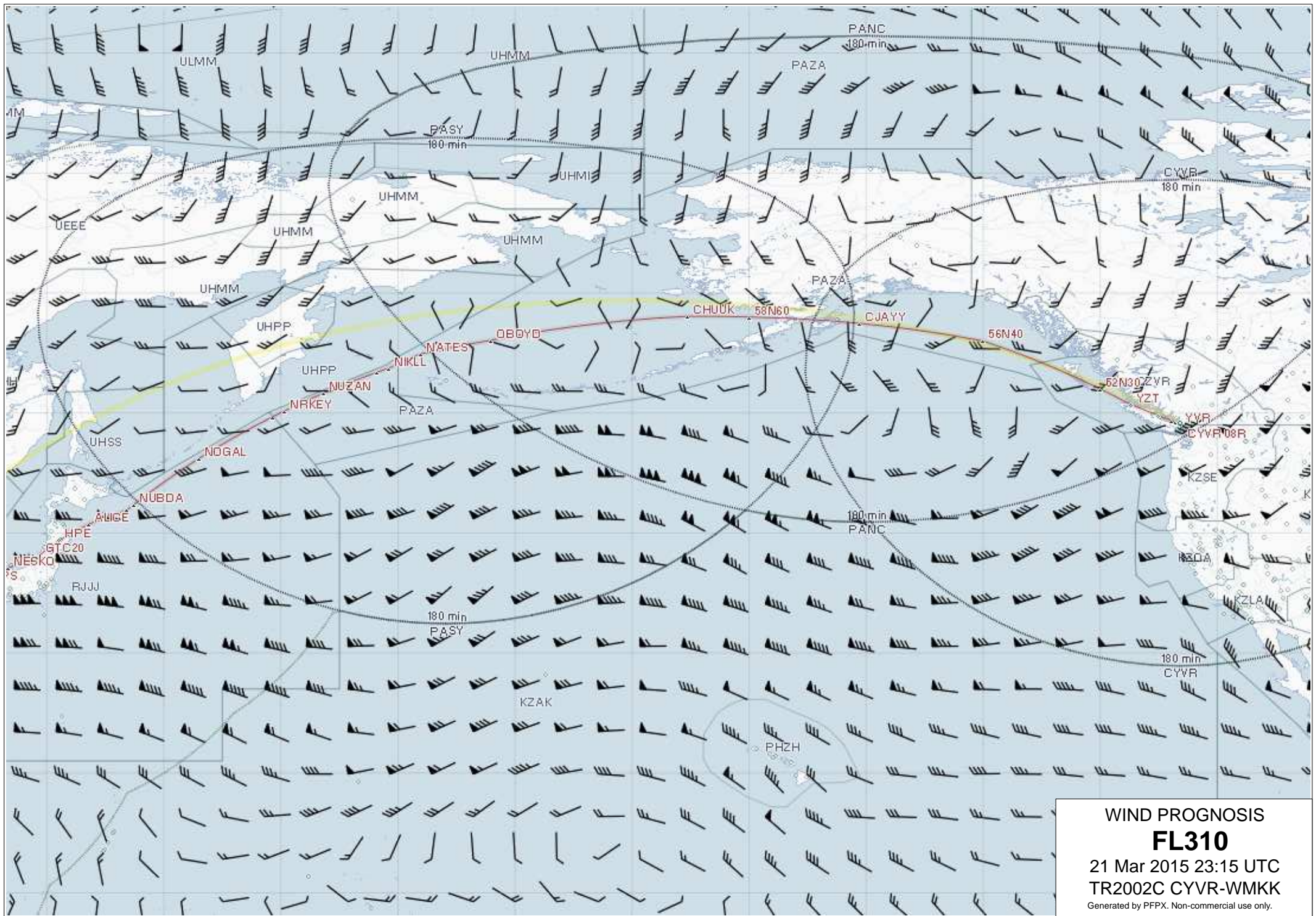
WVRA31 RUPK 211759  
UHPP SIGMET 5 VALID 211800/212315 UHPP-  
UHPP PETROPAVLOVSK-KAMCHATSKY FIR VA ERUPTION MT ZHUPANOVSKY PSN  
N5335 E15909 VA CLD OBS AT 1715Z WI N5440 E16050 - N5410 E16050 -  
N5405 E15915 - N5440 E16050 SFC/FL170 MOV NE 20KMH FCST 2315Z VA CLD  
APRX N5600 E16025 - N5600 E16130 - N5330 E16000 - N5330 E15830 -  
N5520 E15820=

WVRA31 RUPK 211759  
UHPP SIGMET 5 VALID 211800/212400 UHPP-  
UHPP PETROPAVLOVSK-KAMCHATSKY FIR VA ERUPTION MT ZHUPANOVSKY PSN  
N5335 E15909 VA CLD OBS AT 1715Z FROM VAAC TOKYO WI N5440 E16050 -  
N5410 E16050 - N5405 E15915 - N5440 E16050 SFC/FL170 MOV NE 20KMH  
FCST 2315Z VA CLD APRX N5600 E16025 - N5600 E16130 - N5330 E16000 -  
N5330 E15830 - N5520 E15820 SFC/FL180=

WVRA31 RUPK 211349  
UHPP SIGMET 4 VALID 211349/211915 UHPP-  
UHPP PETROPAVLOVSK-KAMCHATSKY FIR VA ERUPTION MT ZHUPANOVSKY PSN  
N5335 E15909 VA CLD OBS AT 1315Z WI N5345 E15905 - N5410 E15925 -  
N5405 E16000 - N5345 E15905 SFC/FL170 MOV NE 30KMH FCST 1915Z VA CLD  
APRX N5530 E16030 - N5430 E16025 - N5300 E15800 - N5530 E15905 -  
N5530 E16030=

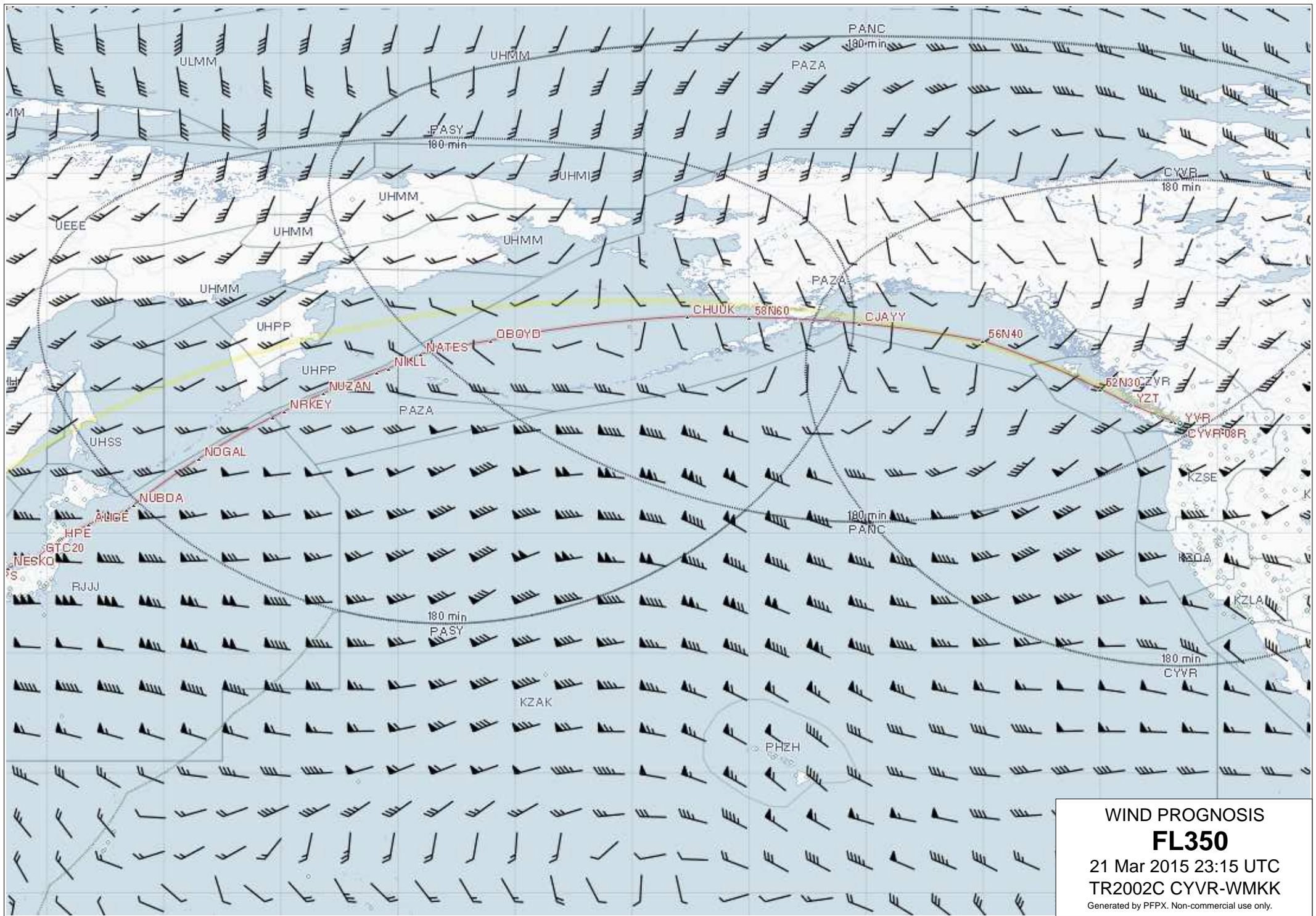
WVRA31 RUPK 211159  
UHPP SIGMET 3 VALID 211200/211800 UHPP-  
UHPP PETROPAVLOVSK-KAMCHATSKY FIR VA ERUPTION MT SHEVELUCH PSN N5638  
E16119 VA CLD OBS AT 1115Z WI N5850 E16150 - N5845 E16325 - N5750  
E16305 - N5850 E16150 SFC/FL230 MOV N 30KMH FCST 1715Z VA CLD APRX  
N6130 E16530 - N6000 E16530 - N5825 E16140 - N6125 E16305=

NO REPORTS FOR PAZA (ANCHORAGE 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 WSJC (SINGAPORE 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 ROKJ (KUMEJIMA AIRPORT)



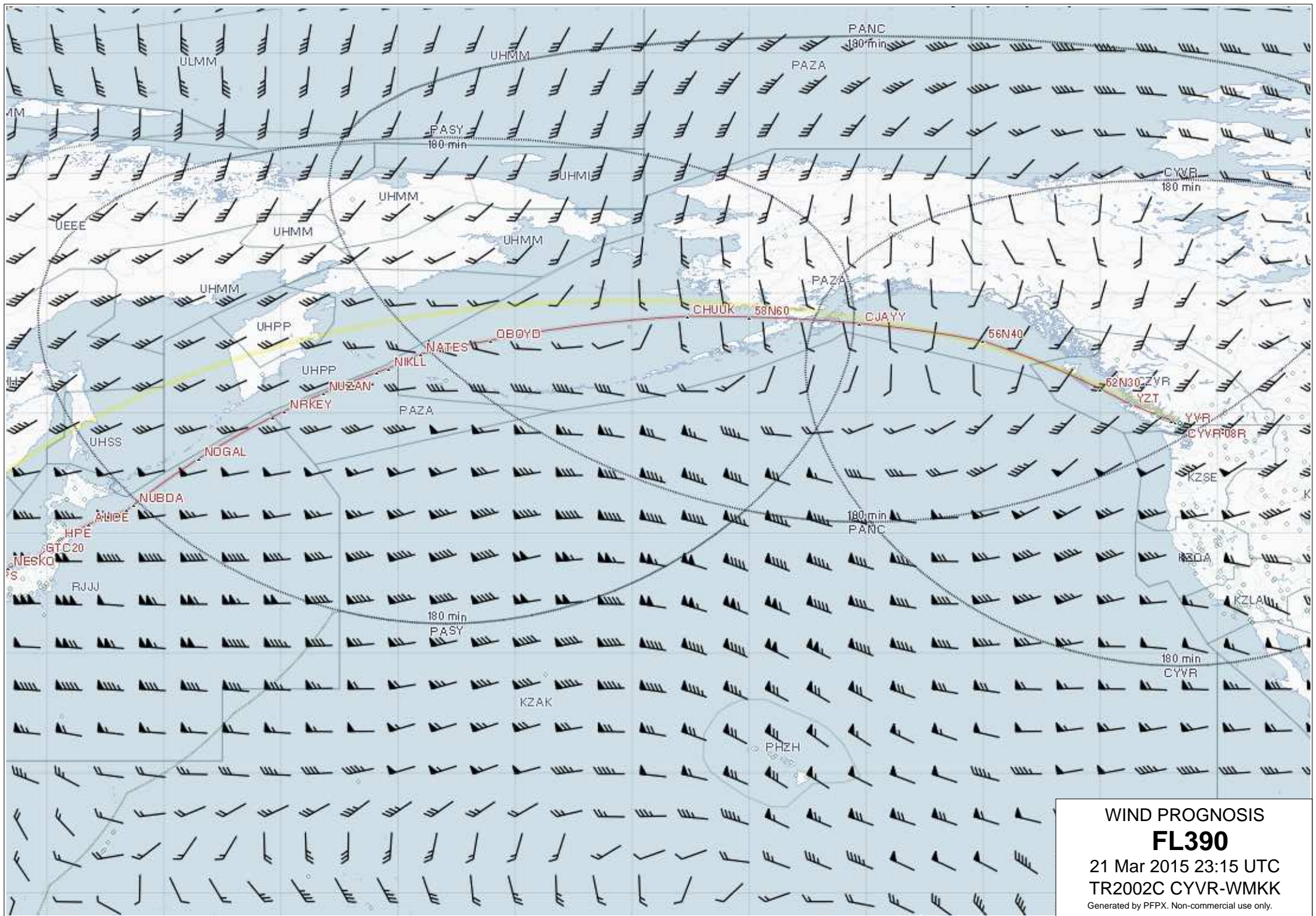
**WIND PROGNOSIS**  
**FL310**  
 21 Mar 2015 23:15 UTC  
 TR2002C CYVR-WMKK  
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WIND PROGNOSIS  
**FL350**  
 21 Mar 2015 23:15 UTC  
 TR2002C CYVR-WMKK  
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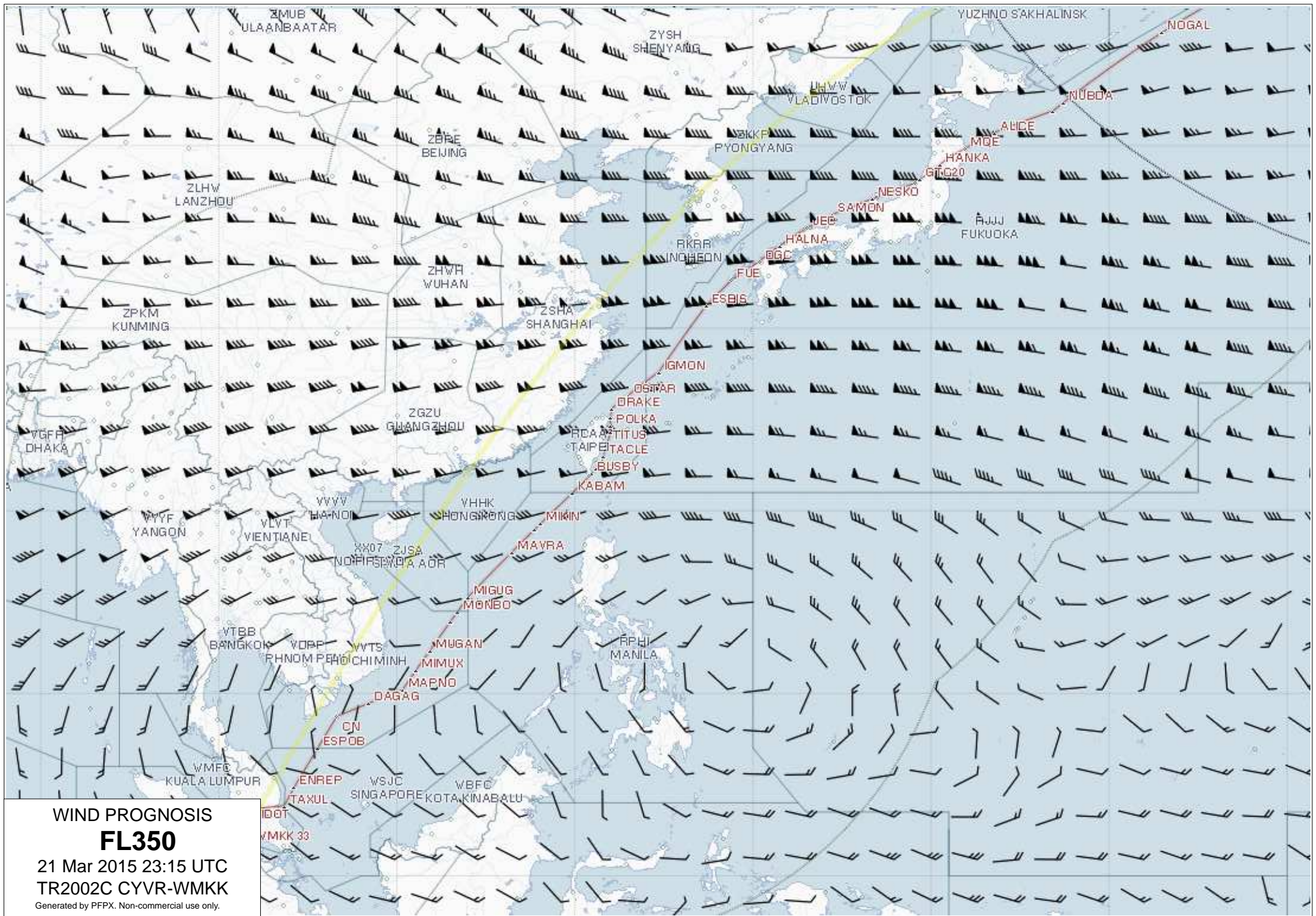


**WIND PROGNOSIS**  
**FL390**  
 21 Mar 2015 23:15 UTC  
 TR2002C CYVR-WMKK  
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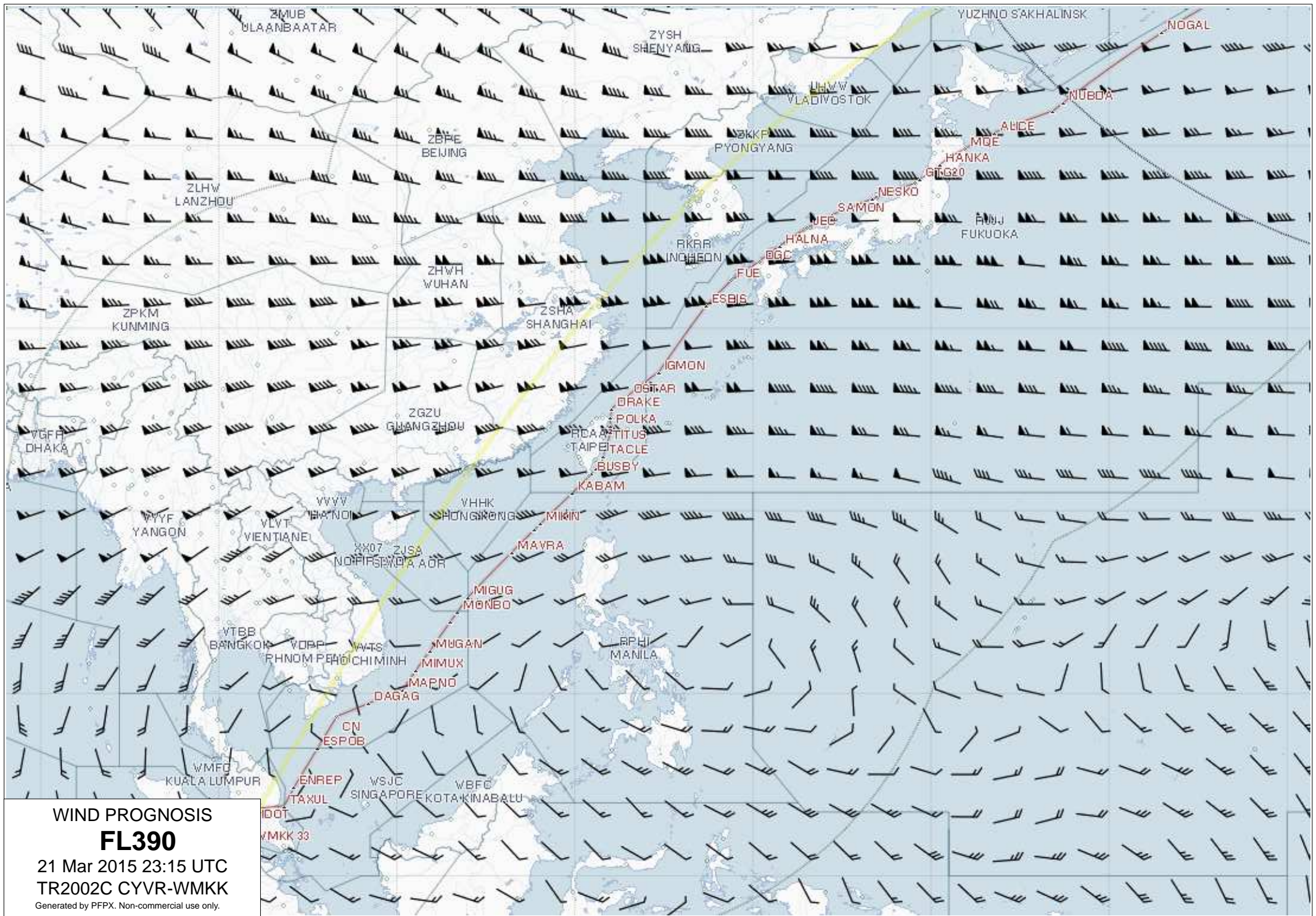
WIND PROGNOSIS

**FL350**

21 Mar 2015 23:15 UTC  
TR2002C CYVR-WMKK

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WIND PROGNOSIS

**FL390**

21 Mar 2015 23:15 UTC  
 TR2002C CYVR-WMKK

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