



Tradewind VA



Flight Briefing Package

TCC215A KSFO-WSSS

08-Sep-2018 #2

RELEASE #2

SAN FRANCISCO INTL
(UNITED STATES)

-

CHANGI
(SINGAPORE)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

08 SEP 1541 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		117.160	15:45
CONT 5%		5.858	00:58
HOLD	WSSS	2.036	00:20
ALTN	WMKK	4.313	00:34
FINAL RESV		3.054	00:30
ADD FUEL		1.551	00:15
MIN T/O		133.972	18:22
EXTRA		1.527	00:15
TAXI		780	00:15
RELEASE	KSFO	136.279	18:52
ARR FUEL	WSSS	17.715	02:40

Load Planning (kg)	PJTGC	Plan	Limit
Empty Weight		156.146	
Payload	263+0 Pax	24.722	
Zero Fuel Weight		180.868	209.106
Fuel		136.279	162.613
Ramp Weight		317.147	348.359
Take-Off Weight KSFO		316.367	344.849
Landing Weight WSSS	Limit	199.207	223.167
Underload		23.960	Lim LDW

Cost Planning			
Flight Time		15:45\$	87.357
Fuel		118.564\$	96.223
Total		\$	183.580
Per Pax		\$	698
Per 5.000 kg Payload		\$	37.129

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC215A PJTGC KSFO-WSSS

ALL WEIGHTS IN KILOGRAMS (KG) STD 08SEP/1820Z

OPF 2 - PREPARED 08SEP/1541Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR215A/TCC215A PJTGC/B777-2LR GE SEL/SALH ROUTE: KSFOWSS01

DEP: KSFO/SFO 28R ELEV 13 FT COST INDEX: 250 TTL G/C DIST: 7342 NM
 ARR: WSSS/SIN 20R ELEV 22 FT INIT ALT: FL320 TTL F/P DIST: 7576 NM
 FUEL BIAS: 100.5% TTL AIR DIST: 7704 NM
 AVG WIND CMP: HD008 KT

ALT: WMKK/KUL 32L ELEV 70 FT 199 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	263	0	24722	23960 LDW	MAX 209106	344849	223167
						PLN 180868	316367	199207
						ACT .....	.....	.....

** TAKE-OFF DATA KSFO 28R **

COND: 316367 KG // RWY DRY // +15°C Q1016 300/09 // LMT: STRUCT
 CONFIG: FLAPS 5 // D-TO +41C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=167 VR=174 V2=177
 ENG OUT: AT 3 DME 'SFO' 115.80 RT TO ITCPT AND PRCD ON R 287 'SFO' 115.80 TO
 'STINS' [22 DME R 287 'SFO' 115.80] (287 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	117160	.....	15:45	
CONT 5%	5858	.....	00:58	
ALTN WMKK	4313	.....	00:34	
FINAL RESV	3054	.....	00:30	
HOLD	2036	.....	00:20	
ADD FUEL	1551	.....	00:15	
MIN T/O	133972	.....	18:22	.....
EXTRA	1527	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	780	.....	00:15	
RELEASE	136279	.....	18:52	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	17715	.....	02:40	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 25487 KG LIM BY LDW
 TRIP CORR FOR 5000 KG TOW INCR: +1494 KG / 5000 KG TOW DECR: -1499 KG
 2000 FT LOWER: +1492 KG / EET 15:33 CLB: 250/310/84 DES: 84/320/250

KSFO	STD 18:20Z/11:20L	ETD 18:20Z	ACT OFBL	EST T/O 18:35Z	ACT T/O
WSSS	STA 10:40Z/18:40L	ETA 10:32Z	ACT ONBL	EST LDG 10:20Z	ACT LDG
	SKD 16:20	PLN 16:12	TTL BLCK	EST FLT 15:45	TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (KEUG)	440 NM BEFORE 40N40	N38 04.3 W130 55.8	EET 01:02
ETOPS EXIT (RJTT)	305 NM BEFORE UKATA	N31 17.7 E146 03.0	EET 09:32
ETOPS ENTRY (RJTT)	230 NM BEFORE BIXAK	N29 09.7 E137 15.6	EET 10:28
ETOPS EXIT (RJTT)	95 NM BEFORE BIXAK	N28 25.1 E134 49.4	EET 10:44

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

KEUG (20:44-00:51)
 PHNL (00:30-01:36)
 PMDY (01:12-05:24)

RJTT (04:55-06:35)

ONE ENGINE OUT DECOMP ETP 1 FOR KEUG/PHNL N39 56.7 W151 10.0 EET 03:07
84/320/250 DESC TO FL100 CRUISE AT 1E0320 413 NM BEFORE 39N60
PLN FUEL OVER ETP 105202 ETP FUEL REQ 28398 DIV TIME 03:09
ETP TO KEUG (N44 07.4 W123 13.7) DIST 1267 NM WC TL031 TT 069
ETP TO PHNL (N21 19.0 W157 55.2) DIST 1171 NM WC HD004 TT 199
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 1 FOR KEUG/PHNL N39 56.7 W151 10.0 EET 03:07
84/320/250 DESC TO FL100 CRUISE AT AE320 413 NM BEFORE 39N60
PLN FUEL OVER ETP 105202 ETP FUEL REQ 27010 DIV TIME 03:09
ETP TO KEUG (N44 07.4 W123 13.7) DIST 1267 NM WC TL031 TT 069
ETP TO PHNL (N21 19.0 W157 55.2) DIST 1171 NM WC HD004 TT 199
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 1 FOR KEUG/PHNL N39 51.4 W152 11.0 EET 03:13
1E084/320 DESC TO FL210 CRUISE AT 1E0320 366 NM BEFORE 39N60
PLN FUEL OVER ETP 104409 ETP FUEL REQ 27232 DIV TIME 02:42
ETP TO KEUG (N44 07.4 W123 13.7) DIST 1312 NM WC TL051 TT 069
ETP TO PHNL (N21 19.0 W157 55.2) DIST 1153 NM WC HD010 TT 196
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 2 FOR PHNL/PMDY N38 53.9 W161 49.4 EET 04:10
1E084/320 DESC TO FL210 CRUISE AT 1E0320 388 NM BEFORE 38N70
PLN FUEL OVER ETP 96837 ETP FUEL REQ 24504 DIV TIME 02:27
ETP TO PHNL (N21 19.0 W157 55.2) DIST 1075 NM WC TL003 TT 168
ETP TO PMDY (N28 12.0 W177 23.8) DIST 1007 NM WC HD025 TT 235
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT DECOMP ETP 2 FOR PHNL/PMDY N38 53.9 W161 50.0 EET 04:10
84/320/250 DESC TO FL100 CRUISE AT 1E0320 388 NM BEFORE 38N70
PLN FUEL OVER ETP 96829 ETP FUEL REQ 25553 DIV TIME 02:51
ETP TO PHNL (N21 19.0 W157 55.2) DIST 1075 NM WC 0 TT 168
ETP TO PMDY (N28 12.0 W177 23.8) DIST 1007 NM WC HD024 TT 235
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 2 FOR PHNL/PMDY N38 53.9 W161 50.0 EET 04:10
84/320/250 DESC TO FL100 CRUISE AT AE320 388 NM BEFORE 38N70
PLN FUEL OVER ETP 96829 ETP FUEL REQ 24332 DIV TIME 02:51
ETP TO PHNL (N21 19.0 W157 55.2) DIST 1075 NM WC 0 TT 168
ETP TO PMDY (N28 12.0 W177 23.8) DIST 1007 NM WC HD024 TT 235
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 3 FOR PMDY/RJTT N33 13.6 E161 34.9 EET 07:57
1E084/320 DESC TO FL247 CRUISE AT 1E0320 80 NM BEFORE 33E60
PLN FUEL OVER ETP 68051 ETP FUEL REQ 23714 DIV TIME 02:23
ETP TO PMDY (N28 12.0 W177 23.8) DIST 1127 NM WC TL011 TT 100
ETP TO RJTT (N35 33.1 E139 47.8) DIST 1087 NM WC HD003 TT 284
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT DECOMP ETP 3 FOR PMDY/RJTT N33 13.5 E161 33.7 EET 07:57
84/320/250 DESC TO FL100 CRUISE AT 1E0320 79 NM BEFORE 33E60
PLN FUEL OVER ETP 68037 ETP FUEL REQ 24556 DIV TIME 02:52
ETP TO PMDY (N28 12.0 W177 23.8) DIST 1128 NM WC TL014 TT 100
ETP TO RJTT (N35 33.1 E139 47.8) DIST 1087 NM WC HD001 TT 284
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 3 FOR PMDY/RJTT N33 13.5 E161 33.7 EET 07:57
84/320/250 DESC TO FL100 CRUISE AT AE320 79 NM BEFORE 33E60
PLN FUEL OVER ETP 68037 ETP FUEL REQ 23425 DIV TIME 02:52
ETP TO PMDY (N28 12.0 W177 23.8) DIST 1128 NM WC TL014 TT 100
ETP TO RJTT (N35 33.1 E139 47.8) DIST 1087 NM WC HD001 TT 284
*** FUEL DUMP REQUIRED ***

ATC ROUTE: N0502F320 GNNRR2 ALCOA DCT BUTEN DCT BOSKE DCT 40N140W
 40N150W/N0492F340 39N160W 38N170W 36N180E 34N170E/N0497F350 33N160E
 32N150E DCT UKATA/N0495F360 DCT BIXAK A590 JOM/N0486F390 M767
 TENON/N0496F360 M767 TOMAN KART1B

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 WMKK/32L 199 FL300 054 TL007 00:34 4313 - MASB4F MASBO A457 SAPAT

MOST CRITICAL MORA 10800 FT AT TELEN

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA	FREQ ISA WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC / ATO
	KSFO/28R		13	061				135.5 / 0.8		
	SAN FRANCISCO INTL						7576	N3737.0 W12221.4/.....	
GNNRR2	GNNRR	284	*CLB	061	P13 287/009		8	134.0 / 2.3	04	00.04
							7568	N3740.0 W12230.2/.....	
GNNRR2	*TOC	261	FL320	061	P09 264/071	502	103	129.4 / 6.9	16	00.20
						432	7465	N3747.0 W12440.4/.....	
GNNRR2	ALCOA	259	FL320	010	P08 261/076	501	55	128.2 / 8.1	07	00.27
						426	7409	N3750.0 W12550.0/.....	

----- OCEANIC ENTRY -----

[] LR NAV ACCUR CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
 [] RVSM ALTIMETER CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
 [] COMPASS HDG CHECK AT ___:___Z CAPT _____ STBY _____ FO _____
 [] HF CHECK AT ___:___Z SIGNATURE (.....) _____

DCT **BUTEN** 257 FL320 010 501 55 127.0 / 9.3 08 00.35
 -KZAK P08 261/077 425 7354 N3751.0 W12700.0/.....

DCT **BOSKE** 256 FL320 010 501 142 124.0 / 12.2 20 00.55
 -KZOA P08 262/077 424 7212 N3750.0 W13000.0/.....

----- ETOPS ENTRY (KSFO) 0440 NM BEFORE 40N40 EET 01:02 -----

TRKH **40N40** 274 FL320 010 499 485 114.5 / 21.7 0106 02.01
 40N140W P06 265/043 456 6726 N4000.0 W14000.0/.....

TRKH **40N50** 258 *CLB 010 460 106.2 / 30.1 0100 03.01
 40N150W P05 273/022 6266 N4000.0 W15000.0/.....

***ETP 1** 252 FL340 010 492 54 105.2 / 31.1 06 03.07
 KEUG/PHNL P04 274/017 469 6212 N3956.0 W15110.0/.....

TRKH **39N60** 252 FL340 010 490 414 98.2 / 38.1 52 03.59
 39N160W P03 227/005 485 5799 N3900.0 W16000.0/.....

***ETP 2** 255 FL340 010 490 86 96.8 / 39.5 11 04.10
 PHNL/PMDY P03 224/008 485 5713 N3853.0 W16150.0/.....

TRKH **38N70** 254 FL340 010 493 388 90.5 / 45.8 48 04.58
 38N170W P05 237/025 473 5325 N3800.0 W17000.0/.....

TRKH	36E80 36N180E	250	FL340	010		499	495	82.2 / 54.0	0104	06.02
						P09 324/071	469 4830	N3600.0 E18000.0/.....	
TRKH	34E70 34N170E	254	*CLB	010			507	74.3 / 61.9	0103	07.05
						P11 338/038	4324	N3400.0 E17000.0/.....	
TRKH -RJJJ	*BDRY	263	FL350	010		497	251	70.6 / 65.6	31	07.36
						P10 338/013	484 4073	N3336.0 E16500.0/.....	
	*ETP 3 PMDY/RJTT	262	FL350	010		497	175	68.0 / 68.2	21	07.57
						P09 160/005	484 3898	N3313.0 E16133.7/.....	
TRKH	33E60 33N160E	261	FL350	010		496	79	66.9 / 69.4	10	08.07
						P09 160/015	498 3819	N3300.0 E16000.0/.....	
TRKH	32E50 32N150E	267	FL350	010		495	510	59.7 / 76.6	0101	09.08
						P08 146/040	510 3309	N3200.0 E15000.0/.....	
----- ETOPS EXIT (RJTT) 0305 NM BEFORE UKATA EET 09:32 -----										
TRKH	UKATA	261	FL350	026		497	511	52.8 / 83.5	0100	10.08
						P10 025/018	509 2797	N3000.0 E14021.7/.....	
----- ETOPS ENTRY (RJTT) 0230 NM BEFORE BIXAK EET 10:28 -----										
----- ETOPS EXIT (ROAH) 0095 NM BEFORE BIXAK EET 10:44 -----										
TRKH	BIXAK	256	FL360	010		496	400	47.4 / 88.9	47	10.55
						P10 078/007	503 2397	N2753.0 E13308.2/.....	
A590	MDE MINAMIDAITO	225	FL360	016	117.80	495	158	45.3 / 91.0	19	11.14
						P10 040/010	505 2239	N2551.0 E13116.8/.....	
A590	AVLAS	220	FL360	016		496	109	43.9 / 92.4	13	11.27
						P10 021/015	510 2130	N2421.0 E13007.2/.....	
A590	TUNTO	220	FL360	010		496	99	42.6 / 93.7	12	11.39
						P11 005/015	511 2031	N2300.0 E12905.8/.....	
A590 -RPHI	GURAG	222	FL360	010		497	152	40.6 / 95.6	18	11.57
						P11 319/018	501 1878	N2100.0 E12725.9/.....	
A590	VIGOR	222	FL360	010		498	276	37.1 / 99.2	33	12.30
						P11 040/013	511 1602	N1722.0 E12426.6/.....	
A590	MUPOB	220	FL360	010		497	131	35.5 / 100.8	15	12.45
						P11 057/012	509 1471	N1538.0 E12303.2/.....	
A590	JOM JOMALIG	219	*CLB	074	116.70		70	34.6 / 101.7	08	12.53
						P10 068/012	1401	N1442.0 E12220.7/.....	
M767	LABAY	223	FL390	074		486	25	34.1 / 102.2	03	12.56
						P02 058/015	501 1376	N1423.0 E12203.6/.....	
M767	GALER	223	FL390	107		486	68	33.3 / 103.0	08	13.04
						P03 058/019	504 1308	N1332.0 E12117.2/.....	
M767	TAPAP	222	FL390	107		486	23	33.0 / 103.3	03	13.07
						P03 060/020	505 1286	N1315.0 E12102.0/.....	
M767	TELEN	222	FL390	108		487	29	32.6 / 103.6	03	13.10
						P03 063/022	506 1257	N1253.0 E12043.8/.....	
M767	TOKON	222	FL390	071		487	94	31.5 / 104.8	11	13.21
						P03 073/027	509 1163	N1142.0 E11940.4/.....	

M767	TOSOV	235	FL390	076	486	137	29.8 / 106.4	17	13.38
			P03	081/031	514	1026	N1021.0 E11748.2/.....	
M767	TENON	235	*DES	050		110	28.5 / 107.7	12	13.50
			P03	089/028		916	N0916.0 E11618.4/.....	
M767	TEGID	234	FL360	014	496	33	28.2 / 108.0	04	13.54
-WSJC			P10	099/028	515	883	N0857.0 E11552.7/.....	
M767	TODAM	234	FL360	014	496	243	25.3 / 111.0	29	14.23
			P09	091/020	512	640	N0632.0 E11236.5/.....	
M767	TERIX	233	FL360	010	496	226	22.5 / 113.8	26	14.49
			P10	069/019	514	414	N0415.0 E10935.9/.....	
M767	BOBOB	233	FL360	047	496	187	20.3 / 116.0	22	15.11
			P10	062/026	522	227	N0222.0 E10706.9/.....	
M767	TOMAN	232	FL360	031	497	99	19.1 / 117.2	11	15.22
			P10	065/029	525	128	N0122.0 E10547.2/.....	
KART1B	*TOD	232	*DES	010		1	19.1 / 117.2	00	15.22
			P10	065/029		126	N0121.0 E10546.2/.....	
KART1B	KARTO	232	*DES	010		16	19.1 / 117.2	02	15.24
			P14	076/031		111	N0111.0 E10534.7/.....	
KART1B	KEXAS	268	*DES	024		46	19.0 / 117.3	06	15.30
			P13	103/009		65	N0110.0 E10448.3/.....	
KART1B	LAVAX	268	*DES	024		21	18.9 / 117.4	03	15.33
			P13	159/009		44	N0110.0 E10427.2/.....	
KART1B	RUVIK	304	*DES	024		8	18.8 / 117.5	02	15.35
			P13	175/011		36	N0114.0 E10421.5/.....	
KART1B	DOVAN	304	*DES	024		9	18.8 / 117.5	02	15.37
			P12	176/012		27	N0120.0 E10413.8/.....	
KART1B	BIPOP	348	*DES	024		12	18.7 / 117.6	02	15.39
			P12	179/012		15	N0131.0 E10410.3/.....	
KART1B	WSSS/20R	231		22 034		15	18.3 / 117.9	06	15.45
	CHANGI						N0123.0 E10359.3/.....	

WIND INFORMATION - OBS 08/SEP 06:00

(CLIMB)				BUTEN				BOSKE				40N40			
FL310	263/072	-37		FL360	264/082	-49		FL360	266/085	-49		FL360	265/048	-51	
FL250	268/055	-23		FL340	260/080	-45		FL340	262/081	-45		FL340	266/044	-47	
FL190	267/038	-9		FL320	262/077	-40		FL320	263/078	-41		FL320	265/044	-43	
12000	269/023	+5		FL300	263/074	-35		FL300	263/074	-36		FL300	264/044	-38	
6000	301/013	+15		FL280	264/067	-31		FL280	264/065	-31		FL280	264/045	-33	
39N60				38N70				36E80				33E60			
FL380	255/002	-58		FL380	244/024	-57		FL380	323/076	-53		FL390	158/015	-55	
FL360	235/004	-54		FL360	241/025	-52		FL360	324/074	-48		FL370	159/015	-51	
FL340	227/006	-49		FL340	237/026	-48		FL340	325/071	-43		FL350	160/015	-45	
FL320	237/006	-44		FL320	235/024	-42		FL320	324/068	-38		FL330	161/014	-40	
FL300	247/006	-39		FL300	232/022	-37		FL300	324/064	-32		FL310	161/012	-35	
32E50				UKATA				BIXAK				MDE			
FL390	144/037	-54		FL390	024/013	-54		FL400	067/011	-56		FL400	040/014	-56	
FL370	145/038	-51		FL370	024/015	-50		FL380	069/010	-51		FL380	039/013	-51	
FL350	147/040	-46		FL350	025/018	-44		FL360	079/007	-46		FL360	041/010	-46	
FL330	148/041	-42		FL330	027/018	-39		FL340	101/005	-41		FL340	043/007	-41	
FL310	150/040	-37		FL310	030/014	-35		FL320	113/005	-36		FL320	056/007	-36	
AVLAS				GURAG				VIGOR				MUPOB			
FL400	016/016	-56		FL400	338/018	-56		FL400	060/013	-56		FL400	053/020	-56	
FL380	017/017	-51		FL380	333/018	-50		FL380	053/014	-50		FL380	052/017	-51	
FL360	022/016	-46		FL360	320/019	-45		FL360	041/013	-45		FL360	058/013	-46	
FL340	027/015	-40		FL340	307/020	-39		FL340	027/013	-39		FL340	071/008	-40	
FL320	034/011	-35		FL320	316/014	-34		FL320	013/010	-34		FL320	078/007	-35	
GALER				TOKON				TOSOV				TEGID			
FL430	063/027	-64		FL430	076/035	-64		FL430	081/039	-65		FL400	090/031	-57	
FL410	061/023	-59		FL410	075/031	-59		FL410	082/035	-59		FL380	097/028	-51	
FL390	059/019	-54		FL390	074/027	-54		FL390	082/032	-54		FL360	099/028	-46	
FL370	066/016	-49		FL370	079/024	-49		FL370	089/028	-49		FL340	102/029	-41	
FL350	078/014	-43		FL350	088/020	-43		FL350	101/024	-43		FL320	097/028	-36	
TODAM				TERIX				BOBOB				(DESCENT)			
FL400	095/025	-58		FL400	068/018	-58		FL400	061/022	-58		FL350	050/032	-44	
FL380	096/021	-52		FL380	065/018	-52		FL380	060/024	-52		FL280	085/028	-27	
FL360	091/021	-47		FL360	069/019	-47		FL360	062/026	-47		FL210	119/016	-12	
FL340	087/021	-41		FL340	073/021	-41		FL340	065/028	-41		FL140	182/008	0	
FL320	078/023	-36		FL320	069/025	-36		FL320	067/028	-36		7000	212/013	+14	

END FLIGHTPLAN 02511 TCC215A PJTGC KSFO-WSSS 08SEP2018

[ATC FLIGHTPLAN]

(FPL-TCC215A-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-KSF01820
-N0502F320 GNNRR2 ALCOA DCT BUTEN DCT BOSKE DCT 40N140W
40N150W/N0492F340 39N160W 38N170W 36N180E 34N170E/N0497F350
33N160E 32N150E DCT UKATA/N0495F360 DCT BIXAK A590 JOM/N0486F390
M767 TENON/N0496F360 M767 TOMAN KART1B
-WSS51545 WMKK
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/180908 REG/PJTGC
EET/KZAK0035 RJJJ0736 RPHI1157 WSJC1354
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CHARTER
ORGN/TNCCTCAP PER/C
RALT/KEUG PHNL PMDY RJTT
RMK/TCAS
-E/1837)

[PLANNING WEATHER]

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

UTC -07:00

KSFO 081456Z 30009KT 10SM FEW007 15/12 A2999 RMK AO2 SLP154 T01500117
53004 \$
KSFO 081500Z 0815/0918 29008KT P6SM FEW008
FM082000 28016G24KT P6SM SKC
FM082300 29020G28KT P6SM SKC
FM090500 28014KT P6SM SKC
FM091100 28009KT P6SM FEW008
TEMPO 0912/0915 BKN007

DESTINATION: WSSS/SIN (CHANGI, SINGAPORE)

UTC +08:00

WSSS 081500Z VRB01KT 9999 FEW018 BKN300 27/24 Q1011 NOSIG
WSSS 081100Z 0812/0918 19008KT 9999 FEW018CB SCT020
TEMPO 0903/0906 3000 TSRA FEW012CB BKN015

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

UTC +08:00

WMKK 081430Z VRB01KT 9999 FEW030 BKN290 25/24 Q1010 NOSIG
WMKK 081100Z 0812/0918 05005KT 9999 FEW018
BECMG 0812/0813 FEW030
BECMG 0816/0817 VRB02KT 8000 FEW017CB
PROB30 TEMPO 0904/0908 03006KT 5000 TSRA FEW006 FEW017CB

EDTO AIRPORT: KEUG/EUG (MAHLON SWEET, UNITED STATES)

UTC -07:00

KEUG 081454Z 19006KT 10SM BKN019 BKN032 OVC042 14/13 A3015 RMK AO2
DZB21E40 SLP207 P0000 60000 T01440128 53005
KEUG 081123Z 0812/0912 20006KT P6SM BKN025 OVC040
FM081800 26007KT P6SM BKN050
FM090600 VRB03KT P6SM SCT050 BKN080

EDTO AIRPORT: PHNL/HNL (INOUE INTL, HAWAII)

UTC -10:00

PHNL 081453Z 00000KT 10SM FEW023 24/21 A2991 RMK AO2 SLP129 T02440211
56009
PHNL 081500Z 0815/0918 35005KT P6SM SCT025 SCT050
FM082000 05010KT P6SM SCT025 SCT050
FM090500 05005KT P6SM FEW025 SCT050

EDTO AIRPORT: PMDY/MDY (HENDERSON FIELD, MIDWAY ISLANDS)

UTC +13:00

PMDY 081456Z AUTO 12007KT 10SM BKN022 26/22 A3003 RMK AO2 SLP168 T02610222
58015
PMDY 081134Z 0812/0912 10008KT P6SM SCT020
FM081900 15005KT P6SM SCT020
FM090000 18005KT P6SM SCT020

EDTO AIRPORT: RJTT/HND (TOKYO HANEDA INTL, JAPAN)

UTC +09:00

RJTT 081448Z 21014KT 9999 FEW010 FEW025CB SCT050 27/24 Q1014 RMK 1CU010
1CB025 3CU050 A2995 LIGHTNING 50KM NE MOV NE
RJTT 081105Z 0812/0918 19014KT 9999 FEW015 SCT030
TEMPO 0900/0909 19022G32KT

ROAH/OKA (NAHA, OKINAWA ISLANDS)

UTC +09:00

ROAH 081430Z 14004KT 9999 VCSH FEW012 BKN160 BKN/// 28/25 Q1010 RMK 2CU012
SAC160 A2983

ROAH 081108Z 0812/0918 17007KT 9999 FEW010 BKN020
TEMPO 0814/0816 4000 SHRA FEW008 BKN015 FEW020CB
TEMPO 0903/0906 4000 SHRA FEW008 BKN015 FEW020CB
TEMPO 0906/0909 2000 +TSRA FEW008 BKN015 SCT020CB

RCFN/TTT (FONGNIAN, TAIWAN)

UTC +08:00

RCFN 081200Z 31004KT 290V350 9999 FEW018 SCT150 25/25 Q1009 NOSIG RMK
A2982

RCFN 081100Z 0812/0912 35005KT 9999 FEW015 BKN032 BKN080
BECMG 0900/0902 12006KT
TEMPO 0906/0910 28005KT 2500 TSRA SCT006 BKN010 FEW015CB BKN030
BECMG 0910/0912 34005KT

RPLL/MNL (NINYO AQUINO INTL, PHILIPPINES)

UTC +08:00

RPLL 081400Z 22003KT 9999 FEW023 BKN250 28/28 Q1011 NOSIG RMK A2985
RPLL 081100Z 0812/0918 25005KT 9999 FEW023 SCT300 TX31/0906Z TN26/0822Z
TEMPO 0812/0818 22006KT FEW023 BKN100
TEMPO 0818/0824 23004KT SCT023 BKN100

WBKK/BKI (KOTA KINABALU, BRUNEI)

UTC +08:00

WBKK 081430Z 09003KT 060V140 9999 -RA FEW014 SCT040 BKN270 25/23 Q1011
NOSIG
AMD WBKK 081156Z 0812/0912 12005KT 9999 FEW015
TEMPO 0812/0816 3000 RA FEW014 FEW016CB SCT040

WBGK/KCH (KUCHING INTL, BRUNEI)

UTC +08:00

WBGK 081430Z VRB02KT 9999 FEW015CB SCT020 BKN150 24/22 Q1010 NOSIG
WBGK 081100Z 0812/0912 VRB03KT 9999 SCT020
TEMPO 0812/0816 5000 TSRA FEW015CB

[TRACK MESSAGE]

PACIFIC TRACK MESSAGE

(TDM TRK M 180908190001
1809081900 1809090800
61N150W 60N160W SELDM PUGGY CREMR 56N180E NATES NIKLL NYMPH
NUZAN NRKEY NIPPI
RTS/KDFW UPR 61N150W
NIPPI R220 NANAC
RMK/0).
08 SEP 19:00 2018 UNTIL 09 SEP 08:00 2018. CREATED: 08 SEP 01:21 2018

(TDM TRK I 180908190001
1809081900 1809090800
DINTY GALIP 35N130W 37N140W 39N150W 39N160W 38N170W 36N180E
34N170E 33N160E 32N150E UKATA BIXAK
RTS/KLAX DINTY
BIXAK DELTA ONC
RMK/ALTITUDE MAY BE RESTRICTED WHILE CROSSING ATS ROUTES
TRK I ONLY AVAILABLE TO ACFT LANDING RCTP OR SOUTH).
08 SEP 19:00 2018 UNTIL 09 SEP 08:00 2018. CREATED: 08 SEP 01:21 2018

(TDM TRK H 180908190001
1809081900 1809090800
ALCOA BUTEN BOSKE 40N140W 40N150W 39N160W 38N170W 36N180E 34N170E
33N160E 32N150E UKATA BIXAK
RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
BIXAK DELTA ONC
RMK/TRK ADVISORY IN EFFECT FOR TRK H
TRK H ONLY AVAILABLE TO ACFT LANDING RCTP OR SOUTH).
08 SEP 19:00 2018 UNTIL 09 SEP 08:00 2018. CREATED: 08 SEP 01:20 2018

(TDM TRK F 180908190001
1809081900 1809090800
ALCOA CEPAS COBAD 41N140W 43N150W 44N160W 45N170W 45N180E 43N170E
40N160E LEPKI
RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
LEPKI OTR11 AVBET
RMK/TRK ADVISORY IN EFFECT FOR TRK F).
08 SEP 19:00 2018 UNTIL 09 SEP 08:00 2018. CREATED: 08 SEP 01:20 2018

(TDM TRK E 180908190001
1809081900 1809090800
BOXER FULMR FASEL 52N140W 55N150W 56N160W 56N170W ALDOZ OPAKE
OLCOT OPHET OGDEN OMOTO
RTS/KSFO GNNRR STINS AMAKR BOXER
KLAX MCKEY LIBBO BRINY BOARS BOXER
OMOTO R580 OATIS
RMK/TRK ADVISORY IN EFFECT FOR TRK E).
08 SEP 19:00 2018 UNTIL 09 SEP 08:00 2018. CREATED: 08 SEP 01:20 2018

(TDM TRK C 180908190001
1809081900 1809090800
KATCH HMPTN GRIZZ CJAYY 58N160W SPY CREMR 56N180E NATES NIKLL
NYMPH NUZAN NRKEY NIPPI
RTS/CYVR TREEL V317 QQ YZT KATCH
KSEA TOU FINGS KATCH
KPDY TOU FINGS KATCH
KSFO TOU FINGS KATCH
KLAX TOU FINGS KATCH
NIPPI R220 NANAC
RMK/TRK ADVISORY IN EFFECT FOR TRK C).
08 SEP 19:00 2018 UNTIL 09 SEP 08:00 2018. CREATED: 08 SEP 01:20 2018

(TDM TRK A 180908190001
1809081900 1809080800
LILIA DOGIF 25N170W 27N180E 29N170E 31N160E 34N150E SEALS
RTS/PHNL KEOLA LILIA
SEALS OTR13 VACKY
RMK/TRK B NOT AVAILABLE).
08 SEP 19:00 2018 UNTIL 09 SEP 08:00 2018. CREATED: 08 SEP 01:19 2018

(TDM TRK K 180908050001
1809080500 1809082100
AUDIA 35N130W 37N140W 38N150W 37N160W 36N170W 35N180E 33N170E
32N160E 31N150E 28N140E CANAI
RTS/KLAX AUDIA
CANAI V75 NHC
RMK/NO TRK ADVISORY FOR TRK K TONIGHT
ALTITUDE MAY BE RESTRICTED WHILE CROSSING ATS ROUTES).
08 SEP 05:00 2018 UNTIL 08 SEP 21:00 2018. CREATED: 07 SEP 19:03 2018

(TDM TRK J 180908050001
1809080500 1809082100
ALCOA CEPAS COBAD 40N140W 39N150W 38N160W 37N170W 36N180E 34N170E
33N160E 32N150E UKATA BIXAK
RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
BIXAK DELTA ONC
RMK/TRK ADVISORY IN EFFECT FOR TRK J).
08 SEP 05:00 2018 UNTIL 08 SEP 21:00 2018. CREATED: 07 SEP 19:03 2018

(TDM TRK 8 180908070001
1809080700 1809082100
KALNA 44N160E 45N170E 46N180E 48N170W 49N160W 48N150W 46N140W
43N130W LATNE FOT
RTS/ONION OTR5 KALNA
FOT UPR KDFW
RMK/0).
08 SEP 07:00 2018 UNTIL 08 SEP 21:00 2018. CREATED: 07 SEP 19:03 2018
RJJJ FUKUOKA/JCAB AIR TRAFFIC FLOW MANAGEMENT CENTRE [Back to Top]

EASTBOUND PACOTS TRACKS BETWEEN SOUTHEAST ASIA AND NORTH AMERICA,
TRACK 14.
FLEX ROUTE : EMRON 41N160E 42N170E 43N180E 45N170W 46N160W
45N150W 42N140W 38N130W ALLBE
RCTP/VHHH ROUTE : MOLKA M750 BUNGU Y81 SYOYU Y809 KAGIS OTR11 AVBET
OTR9 EMRON
NAR ROUTE : ACFT LDG KSFO--ALLBE PIRAT OSI KSFO
ACFT LDG KLAX--ALLBE PIRAT BURGL IRNMN KLAX
RMK : TRK 15 NOT AVAILABLE
ATM CENTER TEL:81-92-608-8870. 08 SEP 07:00 2018 UNTIL 08
SEP 21:00 2018. CREATED: 07 SEP 18:07 2018

EASTBOUND PACOTS TRACKS BETWEEN JAPAN AND HAWAII,
TRACK 11.
FLEX ROUTE : LEPKI 38N160E 36N170E 33N180E 29N170W DANNO
JAPAN ROUTE : AVBET OTR11 LEPKI
PHNL ROUTE : DANNO BOOKE PHNL
RMK : TRK 12 NOT AVAILABLE
ATM CENTER TEL:81-92-608-8870. 08 SEP 10:00 2018 UNTIL 08 SEP
21:00 2018. CREATED: 07 SEP 18:07 2018

EASTBOUND PACOTS TRACKS BETWEEN JAPAN AND NORTH AMERICA,
TRACK 1.
FLEX ROUTE : PUTER A590 PASRO POWAL CHIKI 53N170W 52N160W 50N150W
49N140W ROUKE
JAPAN ROUTE : PEXEL A590 PUTER

NAR ROUTE : ACFT LDG KSEA--ROUKE VIDKU DOLFF TOU MARNR KSEA
ACFT LDG KPDX--ROUKE VIDKU DOLFF TOU KEIKO KPDX
RMK : ACFT LDG CYVR--50N150W 51N140W NUDGE PETPA ITGAV POWOL
CYVR

ACFT LDG OTHER DEST--ROUKE VIDKU DOLFF TOU UPR TO DEST

TRACK 2.

FLEX ROUTE : KALNA 44N160E 45N170E 46N180E 48N170W 49N160W 48N150W
45N140W 41N130W TRYSH

JAPAN ROUTE : ONION OTR5 KALNA

NAR ROUTE : TRYSH AMAKR BGGLO KSFO

RMK : ONLY AVBL TO ACFT LDG KSFO/KSJC OR NORTH DUE TO FLOW
MANAGEMENT.

TRACK 3.

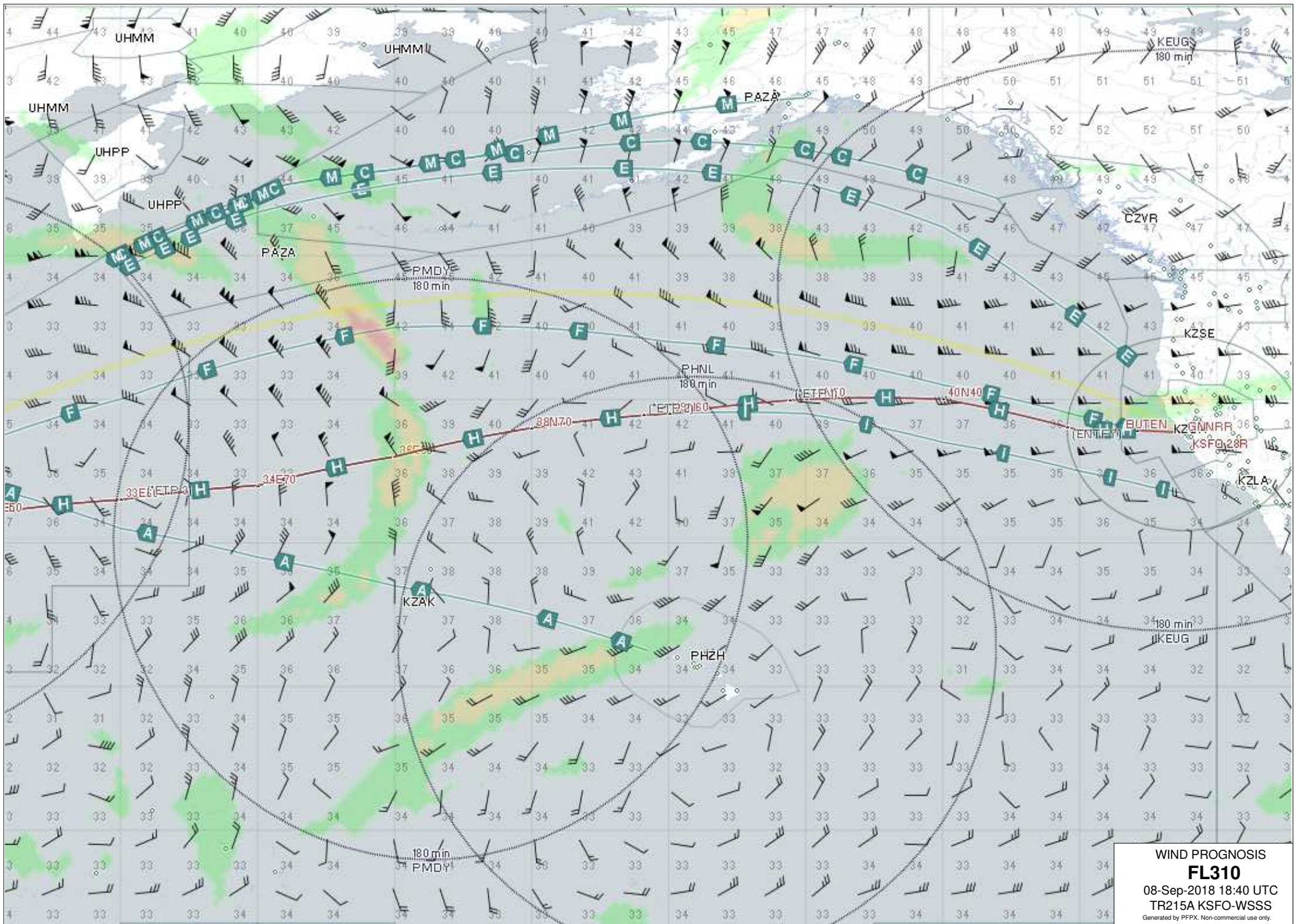
FLEX ROUTE : EMRON 42N160E 44N170E 45N180E 47N170W 48N160W 47N150W
44N140W 40N130W DACEM

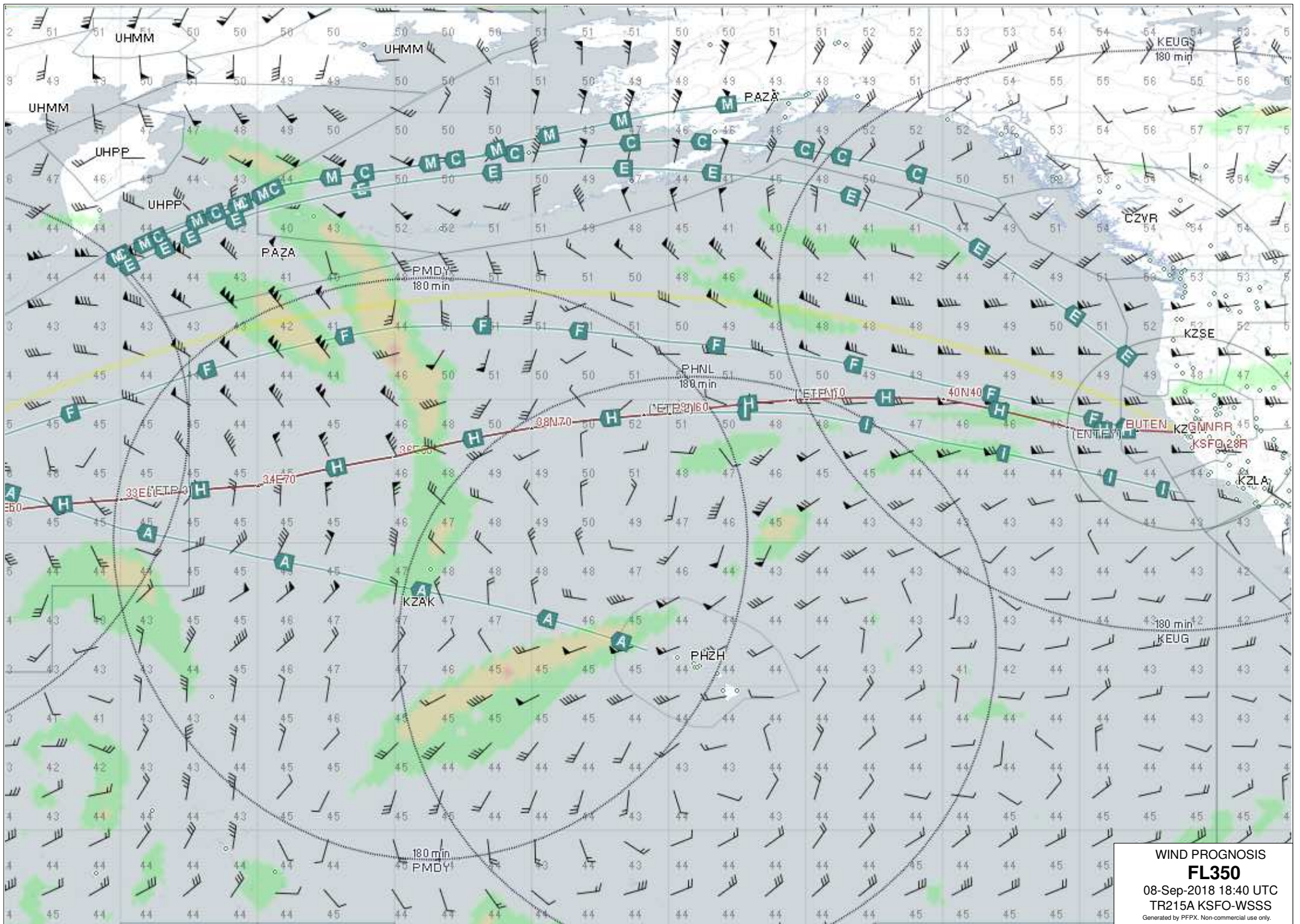
JAPAN ROUTE : AVBET OTR9 EMRON

NAR ROUTE : DACEM PAINT PIRAT BURGL IRNMN KLAX

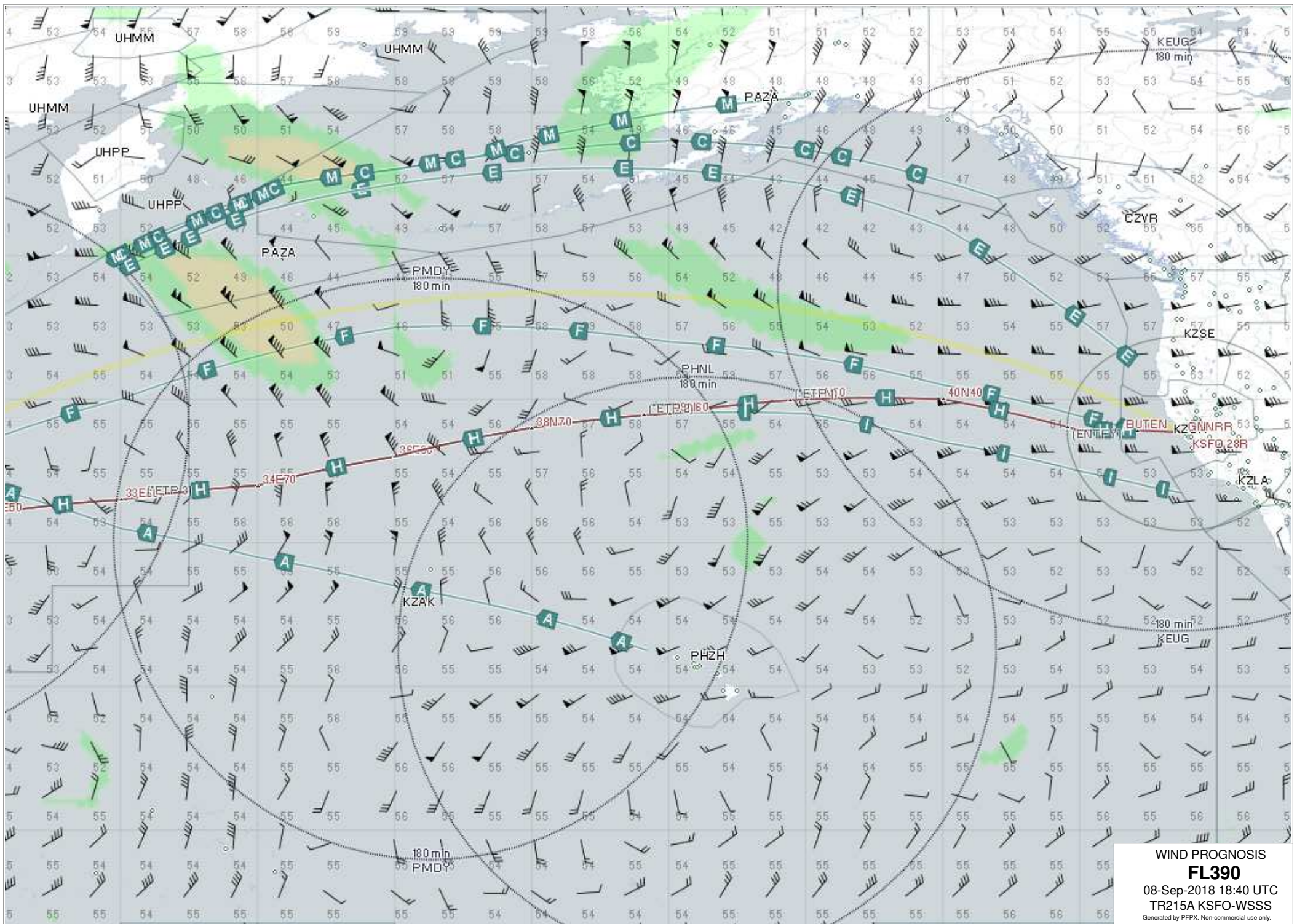
RMK : ONLY AVBL TO ACFT LDG KLAX/KLAS OR SOUTH DUE TO FLOW
MANAGEMENT

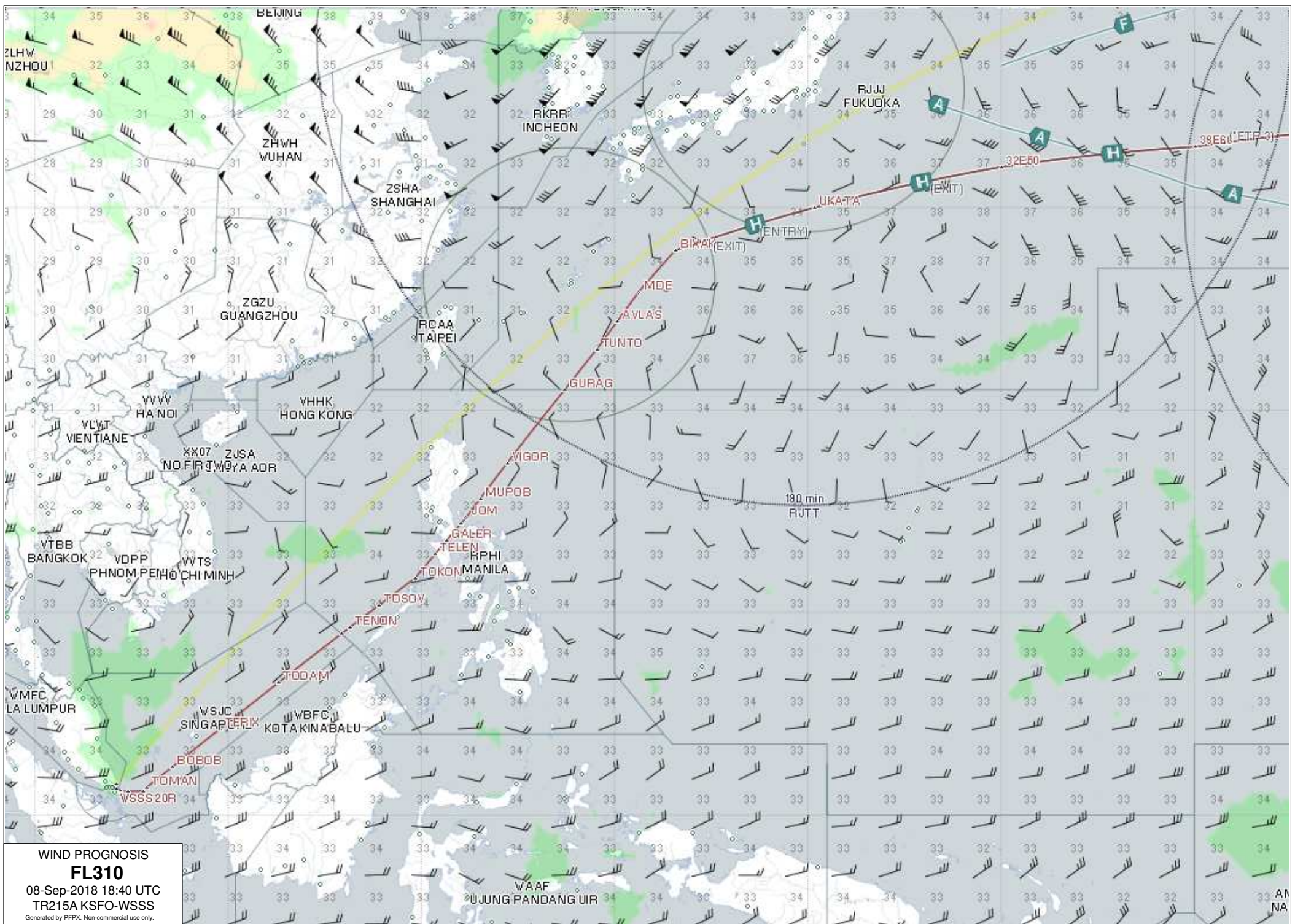
ATM CENTER TEL:81-92-608-8870. 08 SEP 07:00 2018 UNTIL 08 SEP
21:00 2018. CREATED: 07 SEP 18:06 2018





WIND PROGNOSIS
FL350
 08-Sep-2018 18:40 UTC
 TR215A KSFO-WSSS
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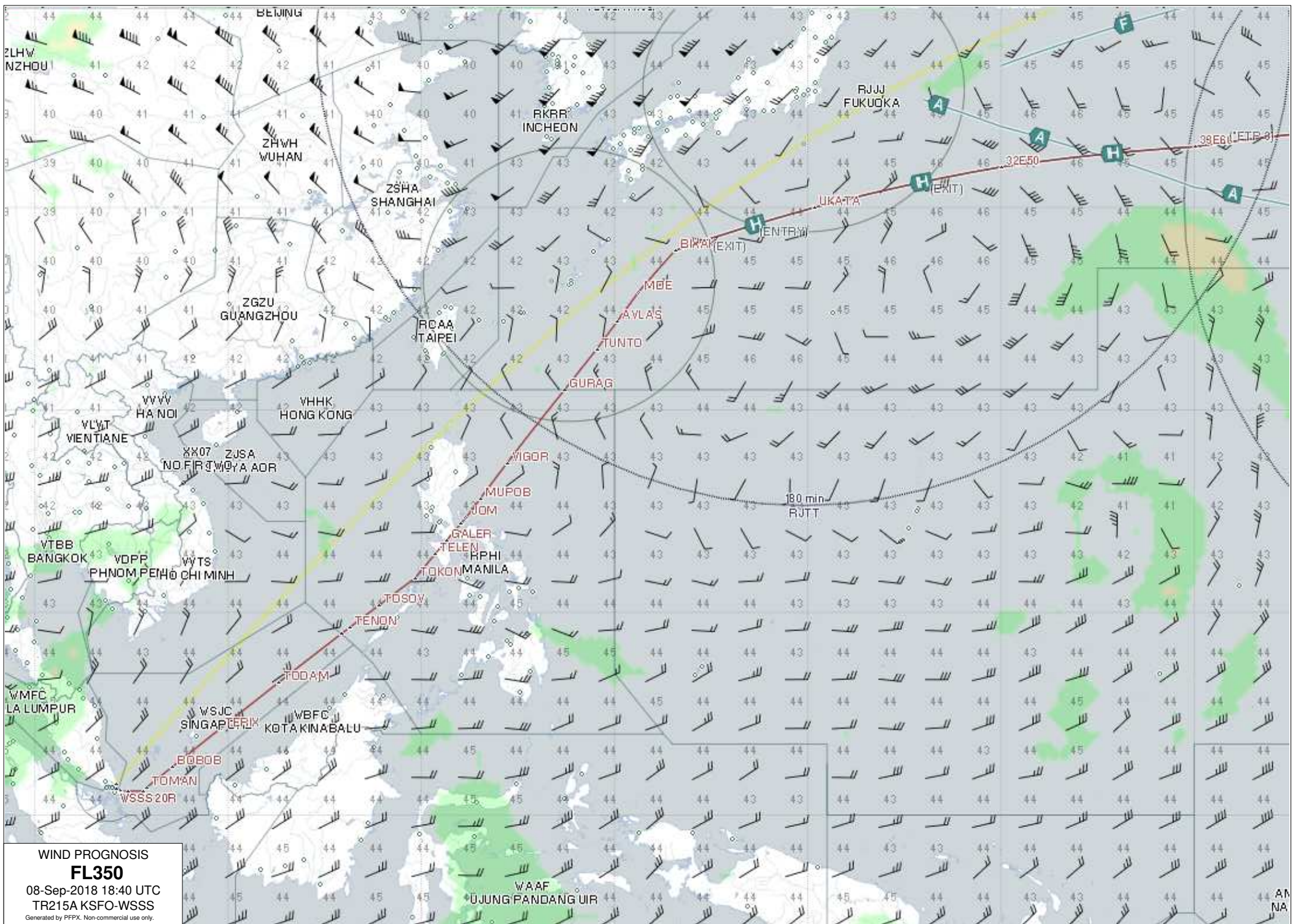
WIND PROGNOSIS

FL310

08-Sep-2018 18:40 UTC

TR215A KSFO-WSSS

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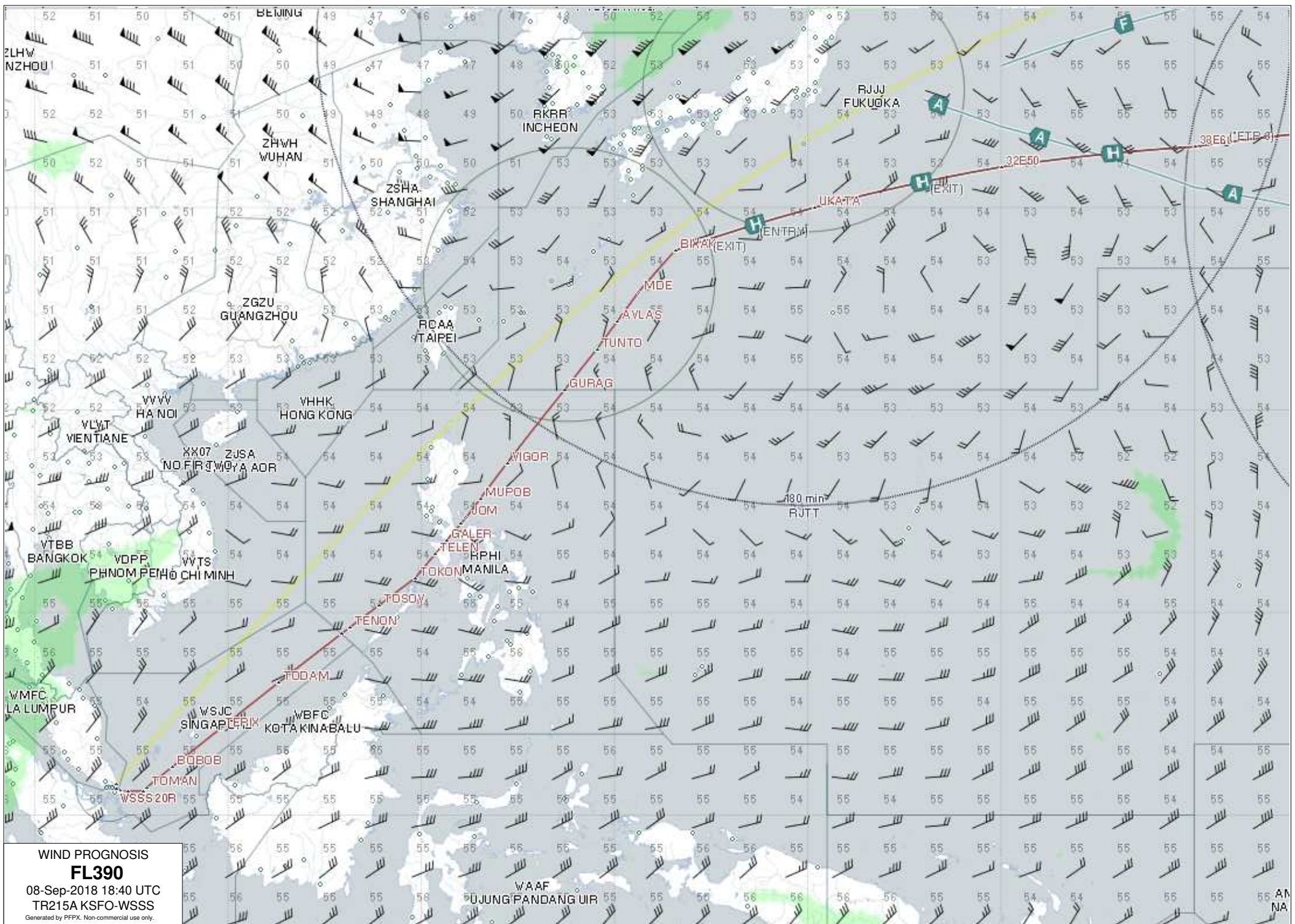
WIND PROGNOSIS

FL350

08-Sep-2018 18:40 UTC

TR215A KSFO-WSSS

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WIND PROGNOSIS
FL390

08-Sep-2018 18:40 UTC
 TR215A KSFO-WSSS

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