



Tradewind VA



Flight Briefing Package

TCC215C 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 1546 UTC

Fuel Planning (kg)	EU-OPS	Fuel	Time
TRIP		116.915	15:44
CONT 5%		5.846	00:57
HOLD	WSSS	2.037	00:20
ALTN	WMKK	4.314	00:34
FINAL RESV		3.055	00:30
ADD FUEL		1.552	00:15
MIN T/O		133.719	18:21
EXTRA		1.528	00:15
TAXI		780	00:15
RELEASE	KSFO	136.027	18:51
ARR FUEL	WSSS	17.708	02:40

Load Planning (kg)	PJTGE	Plan	Limit
Empty Weight		156.146	
Payload	264+0 Pax	24.816	
Zero Fuel Weight		180.962	209.106
Fuel		136.027	162.613
Ramp Weight		316.989	348.359
Take-Off Weight KSFO		316.209	344.849
Landing Weight WSSS	Limit	199.294	223.167
Underload		23.873	Lim LDW

Cost Planning		
Flight Time	15:44\$	87.270
Fuel	118.319\$	96.025
Total	\$	183.295
Per Pax	\$	694
Per 5.000 kg Payload	\$	36.931

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC215C PJTGE KSFO-WSSS

ALL WEIGHTS IN KILOGRAMS (KG) STD 08SEP/1830Z

OPF 2 - PREPARED 08SEP/1546Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR215C/TCC215C PJTGE/B777-2LR GE SEL/EGAP 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: 7562 NM
FUEL BIAS: 100.5% TTL AIR DIST: 7691 NM
AVG WIND CMP: HD008 KT

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

Table with columns: CONFIG, DOW, PAX, CARGO, TOTAL, ULOAD LIM, ZFW, TOW, LDW. Rows: STANDARD, MAX, PLN, ACT.

** TAKE-OFF DATA KSFO 28R **

COND: 316209 KG // RWY DRY // +15C 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)

Table with columns: FUEL, CORR, ENDUR. Rows: TRIP, CONT 5%, ALTN WMKK, FINAL RESV, HOLD, ADD FUEL, MIN T/O, EXTRA, TAXI, RELEASE, ARR FUEL. Includes CAPTAINS SIGNATURE and I ACCEPT THIS OPF AND I AM FAMILIAR WITH THE PLANNED ROUTE AND AERODROMES.

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 25401 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1494 KG / 5000 KG TOW DECR: -1433 KG
2000 FT LOWER: +1226 KG / EET 15:32 CLB: 250/310/84 DES: 84/320/250

KSFO STD 18:30Z/11:30L ETD 18:30Z ACT OFBL EST T/O 18:45Z ACT T/O
WSSS STA 10:50Z/18:50L ETA 10:41Z ACT ONBL EST LDG 10:29Z ACT LDG
SKD 16:20 PLN 16:11 TTL BLCK EST FLT 15:44 TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

Table with columns: ETOPS ENTRY (KEUG), ETOPS EXIT (RJTT), ETOPS ENTRY (RJTT), ETOPS EXIT (RJTT). Rows: 440 NM BEFORE 40N40, 305 NM BEFORE UKATA, 230 NM BEFORE BIXAK, 95 NM BEFORE BIXAK.

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

KEUG (20:54-01:01)
PHNL (00:40-01:46)
PMDY (01:21-05:34)

RJTT (05:05-06:45)

ONE ENGINE OUT DECOMP ETP 1 FOR KEUG/PHNL N39 56.7 W151 10.6 EET 03:07
84/320/250 DESC TO FL100 CRUISE AT 1E0320 414 NM BEFORE 39N60
PLN FUEL OVER ETP 105001 ETP FUEL REQ 28400 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 10.6 EET 03:07
84/320/250 DESC TO FL100 CRUISE AT AE320 414 NM BEFORE 39N60
PLN FUEL OVER ETP 105001 ETP FUEL REQ 27012 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 11.5 EET 03:13
1E084/320 DESC TO FL210 CRUISE AT 1E0320 367 NM BEFORE 39N60
PLN FUEL OVER ETP 104208 ETP FUEL REQ 27223 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 50.3 EET 04:10
1E084/320 DESC TO FL210 CRUISE AT 1E0320 388 NM BEFORE 38N70
PLN FUEL OVER ETP 96620 ETP FUEL REQ 24495 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 53.8 W161 51.9 EET 04:10
84/320/250 DESC TO FL100 CRUISE AT 1E0320 387 NM BEFORE 38N70
PLN FUEL OVER ETP 96612 ETP FUEL REQ 25549 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 1006 NM WC HD024 TT 235
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 2 FOR PHNL/PMDY N38 53.8 W161 51.9 EET 04:10
84/320/250 DESC TO FL100 CRUISE AT AE320 387 NM BEFORE 38N70
PLN FUEL OVER ETP 96612 ETP FUEL REQ 24327 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 1006 NM WC HD024 TT 235
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 3 FOR PMDY/RJTT N33 13.6 E161 34.7 EET 07:57
1E084/320 DESC TO FL247 CRUISE AT 1E0320 80 NM BEFORE 33E60
PLN FUEL OVER ETP 67844 ETP FUEL REQ 23709 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 33.5 EET 07:57
84/320/250 DESC TO FL100 CRUISE AT 1E0320 79 NM BEFORE 33E60
PLN FUEL OVER ETP 67829 ETP FUEL REQ 24552 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 1086 NM WC HD001 TT 284
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 3 FOR PMDY/RJTT N33 13.5 E161 33.5 EET 07:57
84/320/250 DESC TO FL100 CRUISE AT AE320 79 NM BEFORE 33E60
PLN FUEL OVER ETP 67829 ETP FUEL REQ 23421 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 1086 NM WC HD001 TT 284
*** FUEL DUMP REQUIRED ***

ATC ROUTE: N0502F320 DCT 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
 TODAM/N0496F360 M767 TOMAN DCT KARTO DCT

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 WMKK/32L 199 FL300 054 TL007 00:34 4314 - 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
	KSFO/28R		13	061				135.2 / 0.8		
	SAN FRANCISCO INTL						7562	N3737.0 W12221.4/.....	
DCT	*TOC	262	FL320	061		502	112	129.1 / 6.9	20	00.20
					P09 265/070	431	7450	N3747.0 W12443.7/.....	
DCT	ALCOA	260	FL320	010		501	54	128.0 / 8.1	07	00.27
					P08 261/076	427	7396	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	126.8 / 9.2	08	00.35
	-KZAK				P08 261/076	425	7341	N3751.0 W12700.0/.....	
DCT	BOSKE	256	FL320	010		501	142	123.8 / 12.2	20	00.55
	-KZOA				P08 262/077	424	7198	N3750.0 W13000.0/.....	

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

TRKH	40N40	274	FL320	010		499	485	114.3 / 21.7	0106	02.01
	40N140W				P06 265/044	456	6713	N4000.0 W14000.0/.....	
TRKH	40N50	258	*CLB	010			460	106.0 / 30.0	59	03.00
	40N150W				P05 273/022		6253	N4000.0 W15000.0/.....	
	*ETP 1	252	FL340	010		492	54	105.0 / 31.0	07	03.07
	KEUG/PHNL				P04 274/018	469	6199	N3956.0 W15110.6/.....	
TRKH	39N60	252	FL340	010		490	414	98.0 / 38.0	52	03.59
	39N160W				P03 228/005	485	5785	N3900.0 W16000.0/.....	
	*ETP 2	255	FL340	010		490	87	96.6 / 39.4	11	04.10
	PHNL/PMDY				P03 225/008	485	5699	N3853.0 W16151.9/.....	
TRKH	38N70	254	FL340	010		493	387	90.3 / 45.7	48	04.58
	38N170W				P05 237/025	473	5312	N3800.0 W17000.0/.....	
TRKH	36E80	250	FL340	010		500	495	82.0 / 54.0	0104	06.02
	36N180E				P09 324/071	468	4817	N3600.0 E18000.0/.....	

TRKH	34E70 34N170E	254	*CLB	010		507	74.1 / 61.9	0103	07.05
			P11	338/038		4310	N3400.0 E17000.0/.....	
TRKH	*BDRY	263	FL350	010		497 250	70.4 / 65.6	31	07.36
-RJJJ			P10	337/013		484 4060	N3336.0 E16500.2/.....	
	*ETP 3	262	FL350	010		497 175	67.8 / 68.2	21	07.57
	PMDY/RJTT		P09	162/005		484 3885	N3313.0 E16133.5/.....	
TRKH	33E60 33N160E	261	FL350	010		496 79	66.7 / 69.4	10	08.07
			P09	161/015		498 3806	N3300.0 E16000.0/.....	
TRKH	32E50 32N150E	267	FL350	010		495 510	59.5 / 76.6	0101	09.08
			P08	147/040		510 3295	N3200.0 E15000.0/.....	
----- ETOPS EXIT (RJTT) 0305 NM BEFORE UKATA EET 09:32 -----									
TRKH	UKATA	261	FL350	026		497 511	52.6 / 83.5	0100	10.08
			P10	025/018		509 2784	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	47.2 / 88.9	47	10.55
			P10	078/007		503 2384	N2753.0 E13308.2/.....	
A590	MDE MINAMIDAITO	225	FL360	016	117.80	496 158	45.1 / 90.9	19	11.14
			P10	040/010		505 2226	N2551.0 E13116.8/.....	
A590	AVLAS	220	FL360	016		496 109	43.7 / 92.4	13	11.27
			P10	021/015		510 2117	N2421.0 E13007.2/.....	
A590	TUNTO	220	FL360	010		496 99	42.4 / 93.6	12	11.39
			P11	005/015		510 2017	N2300.0 E12905.8/.....	
A590	GURAG -RPHI	222	FL360	010		497 152	40.4 / 95.6	18	11.57
			P11	319/018		501 1865	N2100.0 E12725.9/.....	
A590	VIGOR	222	FL360	010		498 276	36.9 / 99.1	32	12.29
			P11	040/013		511 1589	N1722.0 E12426.6/.....	
A590	MUPOB	220	FL360	010		497 131	35.3 / 100.8	16	12.45
			P11	058/012		509 1458	N1538.0 E12303.2/.....	
A590	JOM JOMALIG	219	*CLB	074	116.70	70	34.4 / 101.7	08	12.53
			P10	068/012		1388	N1442.0 E12220.7/.....	
M767	LABAY	223	FL390	074		486 25	33.9 / 102.1	03	12.56
			P02	059/016		502 1363	N1423.0 E12203.6/.....	
M767	GALER	223	FL390	107		487 68	33.1 / 103.0	08	13.04
			P03	059/019		504 1295	N1332.0 E12117.2/.....	
M767	TAPAP	222	FL390	107		486 23	32.8 / 103.2	03	13.07
			P03	060/020		505 1272	N1315.0 E12102.0/.....	
M767	TELEN	222	FL390	108		487 29	32.4 / 103.6	03	13.10
			P03	063/022		506 1244	N1253.0 E12043.8/.....	
M767	TOKON	222	FL390	071		487 94	31.3 / 104.7	11	13.21
			P03	073/027		509 1150	N1142.0 E11940.4/.....	
M767	TOSOV	235	FL390	076		486 137	29.6 / 106.4	16	13.37
			P03	081/031		514 1013	N1021.0 E11748.2/.....	

M767	TENON	235	FL390	050	486	110	28.3 / 107.7	13	13.50
			P03	089/028	511	903	N0916.0 E11618.4/.....	
M767	TEGID	234	FL390	014	487	33	27.9 / 108.1	04	13.54
-WSJC			P03	094/028	508	870	N0857.0 E11552.7/.....	
M767	TODAM	234	*DES	014		243	25.0 / 111.0	29	14.23
			P02	096/021		627	N0632.0 E11236.5/.....	
M767	TERIX	233	FL360	010	496	226	22.4 / 113.7	26	14.49
			P10	069/019	514	401	N0415.0 E10935.9/.....	
M767	BOBOB	233	FL360	047	496	187	20.1 / 115.9	22	15.11
			P10	062/026	522	214	N0222.0 E10706.9/.....	
M767	*TOD	232	*DES	031		88	19.1 / 116.9	10	15.21
			P10	062/025		126	N0129.0 E10556.3/.....	
M767	TOMAN	232	*DES	010		12	19.1 / 116.9	02	15.23
			P13	074/032		115	N0122.0 E10547.2/.....	
DCT	KARTO	232	*DES	010		17	19.0 / 117.0	02	15.25
			P14	089/027		97	N0111.0 E10534.7/.....	
DCT	WSSS/20R	276		22 034		97	18.3 / 117.7	19	15.44
	CHANGI						N0123.0 E10359.3/.....	

WIND INFORMATION - OBS 08/SEP 06:00

(CLIMB)			ALCOA			BOSKE			40N40		
FL310	263/072	-37	FL360	263/081	-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	267/037	-9	FL320	262/076	-40	FL320	263/077	-41	FL320	265/044	-43
12000	269/023	+5	FL300	263/073	-35	FL300	263/073	-36	FL300	264/044	-38
6000	301/013	+15	FL280	265/066	-31	FL280	264/065	-31	FL280	264/045	-33
39N60			38N70			36E80			33E60		
FL380	258/002	-58	FL380	245/024	-57	FL380	323/076	-53	FL390	159/015	-55
FL360	237/004	-54	FL360	241/025	-52	FL360	323/074	-48	FL370	160/015	-51
FL340	228/006	-49	FL340	238/026	-48	FL340	324/071	-43	FL350	161/015	-45
FL320	238/006	-44	FL320	235/024	-42	FL320	324/068	-38	FL330	162/014	-40
FL300	248/006	-39	FL300	232/022	-36	FL300	323/065	-32	FL310	162/012	-35
32E50			UKATA			BIXAK			MDE		
FL390	144/037	-54	FL390	023/013	-54	FL400	067/011	-56	FL400	040/014	-56
FL370	146/039	-51	FL370	024/015	-50	FL380	069/010	-51	FL380	039/013	-51
FL350	147/040	-46	FL350	025/018	-44	FL360	078/007	-46	FL360	040/010	-46
FL330	149/041	-42	FL330	027/018	-39	FL340	100/005	-41	FL340	043/007	-41
FL310	150/040	-37	FL310	029/014	-35	FL320	113/005	-36	FL320	055/007	-36
AVLAS			GURAG			VIGOR			MUPOB		
FL400	015/016	-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	021/016	-46	FL360	320/018	-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	317/014	-34	FL320	013/010	-34	FL320	078/007	-35
GALER			TOKON			TOSOV			TENON		
FL430	063/027	-64	FL430	076/035	-64	FL430	081/039	-65	FL430	082/037	-65
FL410	062/023	-59	FL410	075/031	-59	FL410	081/035	-59	FL410	085/033	-60
FL390	059/019	-54	FL390	074/027	-54	FL390	082/032	-54	FL390	090/029	-54
FL370	066/016	-49	FL370	079/024	-49	FL370	089/028	-49	FL370	095/027	-49
FL350	078/014	-43	FL350	088/020	-43	FL350	101/024	-43	FL350	102/027	-44
TERIX			BOBOB			(DESCENT)					
FL400	068/018	-58	FL400	061/022	-58	FL350	050/032	-44			
FL380	065/018	-52	FL380	060/024	-52	FL280	084/027	-27			
FL360	069/019	-47	FL360	063/026	-47	FL210	119/016	-12			
FL340	073/021	-41	FL340	065/028	-41	FL140	182/008	0			
FL320	070/025	-36	FL320	067/028	-36	7000	212/013	+14			

END FLIGHTPLAN 02513 TCC215C PJTGE KSFO-WSSS 08SEP2018

[ATC FLIGHTPLAN]

(FPL-TCC215C-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-KSF01830
-N0502F320 DCT 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 TODAM/N0496F360 M767 TOMAN DCT KARTO DCT
-WSS51544 WMKK
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/180908 REG/PJTGE
EET/KZAK0035 RJJJ0736 RPHI1157 WSJC1354
SEL/EGAP CODE/484DC7 RVR/75 OPR/TRADEWIND CHARTER
ORGN/TNCCTCAP PER/C
RALT/KEUG PHNL PMDY RJTT
RMK/TCAS
-E/1836)

[PLANNING WEATHER]

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

UTC -07:00

KSFO 081456Z 30009KT 10SM FEW007 15/12 A2999 RMK A02 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 081530Z VRB02KT 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 081500Z VRB02KT 9000 FEW030 BKN280 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 081504Z 20006KT 10SM FEW005 BKN019 OVC032 15/13 A3015 RMK A02
T01500128
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 A02 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 081513Z AUTO 12008KT 10SM FEW022 26/22 A3003 RMK A02
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 081500Z 21010KT 160V230 9999 FEW010 FEW025CB 27/24 Q1014 NOSIG RMK
1CU010 1CB025 A2995 LIGHTNING NE
RJTT 081105Z 0812/0918 19014KT 9999 FEW015 SCT030
TEMPO 0900/0909 19022G32KT

ROAH/OKA (NAHA, OKINAWA ISLANDS)

UTC +09:00

ROAH 081500Z 13005KT 9999 VCSH FEW012 BKN160 BKN/// 28/25 Q1010
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 081500Z 22006KT 9999 FEW023 27/27 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 081500Z VRB02KT 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 081500Z 16006KT 100V210 9999 FEW015CB SCT020 BKN150 24/22 Q1011 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.

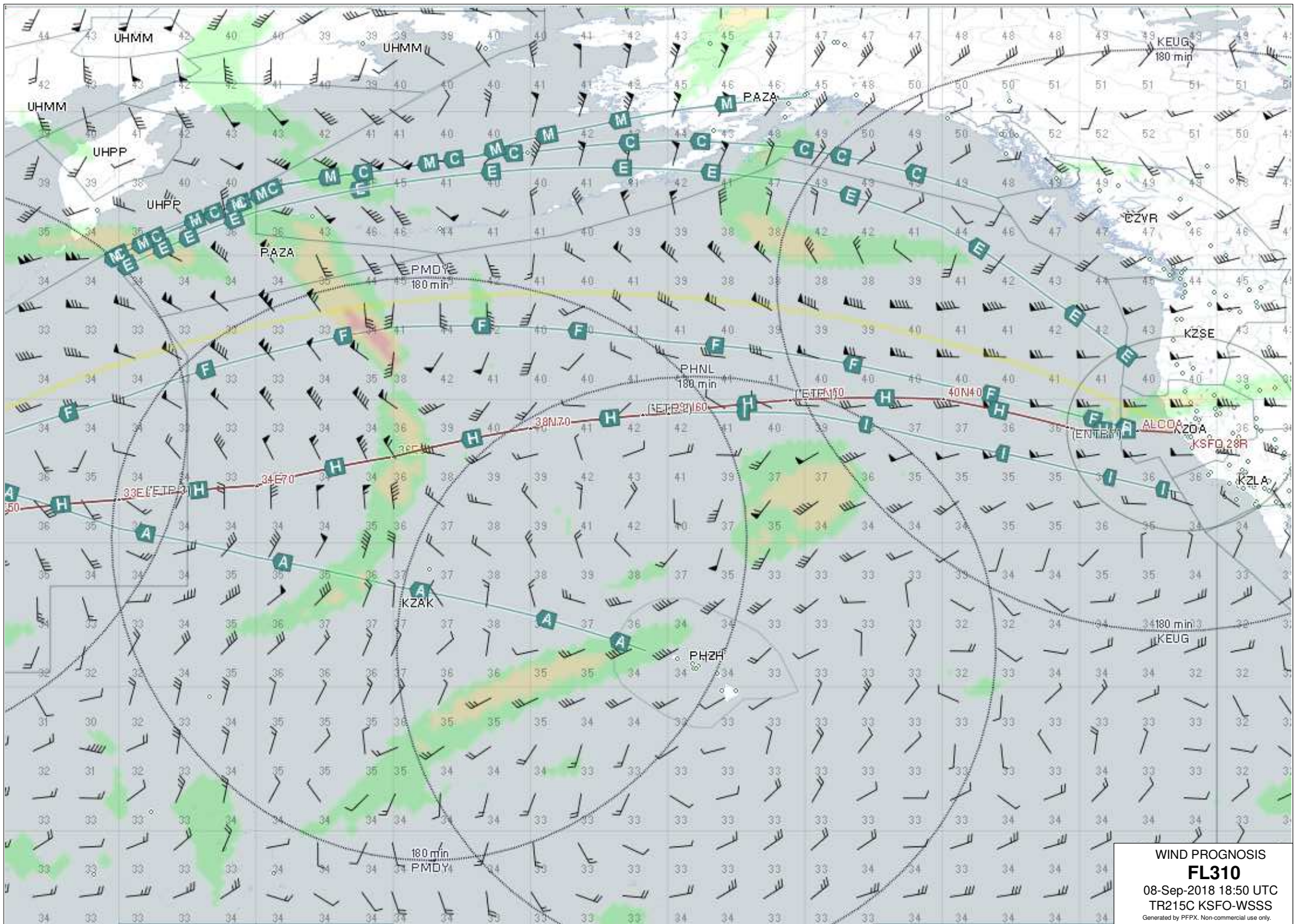
FLEX ROUTE : EMRON 42N160E 44N170E 45N180E 47N170W 48N160W 47N150W
44N140W 40N130W DACEM

JAPAN ROUTE : AVBET OTR9 EMRON

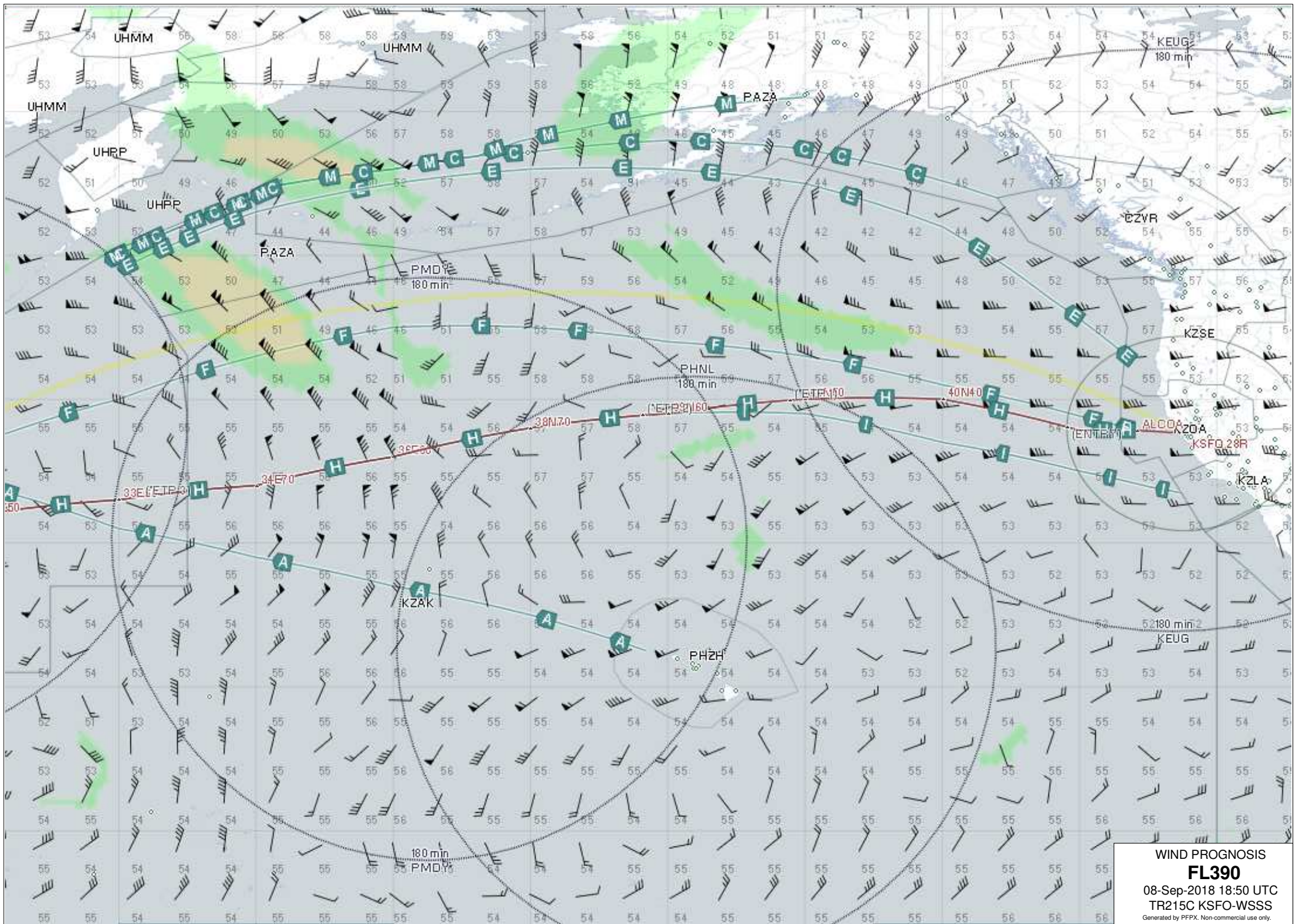
NAR ROUTE : DACEM PAINT PIRAT BURGL IRNMN KLAX

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

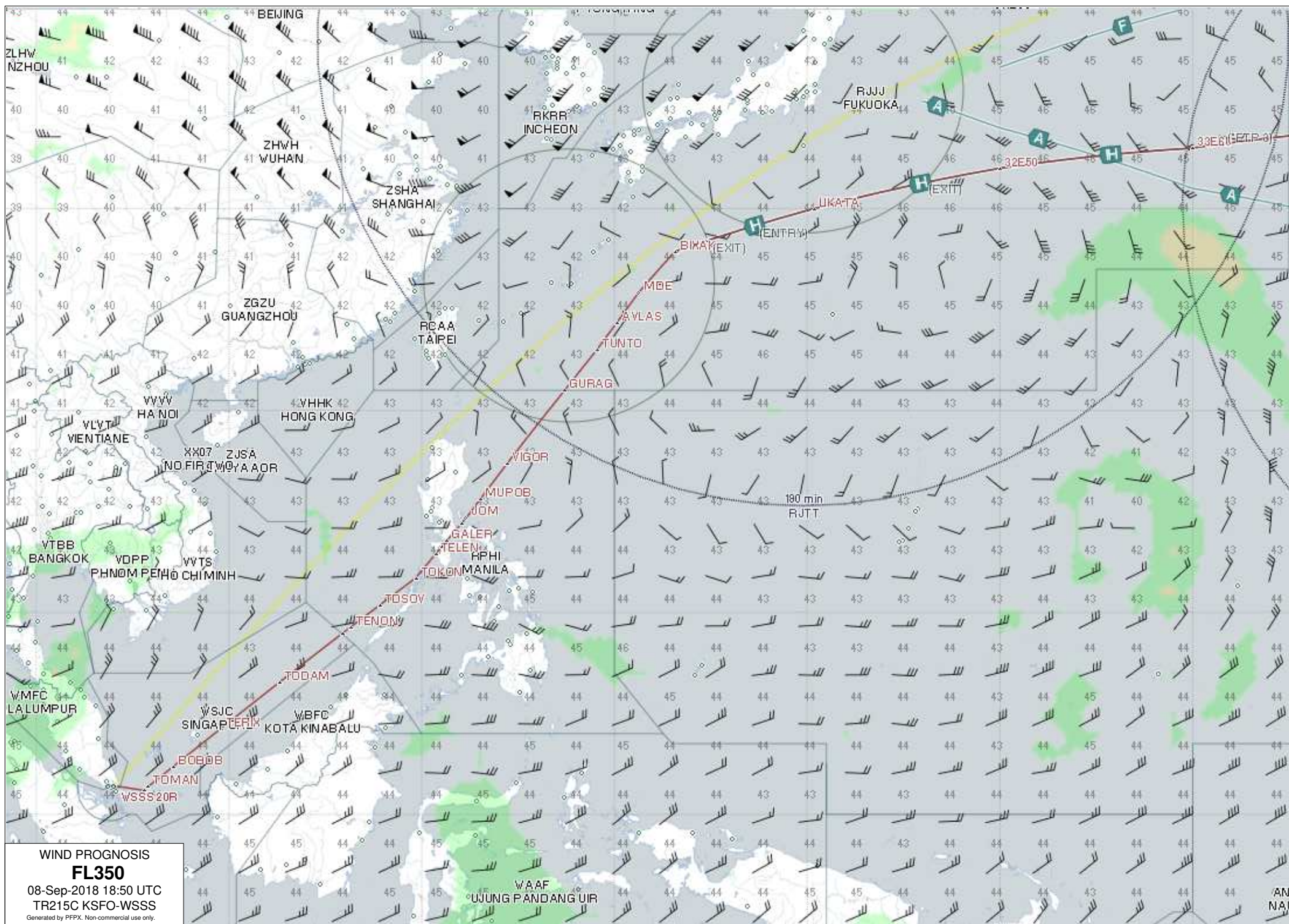
ATM CENTER TEL:81-92-608-8870. 08 SEP 07:00 2018 UNTIL 08 SEP
21:00 2018. CREATED: 07 SEP 18:06 2018



WIND PROGNOSIS
FL310
 08-Sep-2018 18:50 UTC
 TR215C KSFO-WSSS
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WIND PROGNOSIS
FL390
 08-Sep-2018 18:50 UTC
 TR215C KSFO-WSSS
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WIND PROGNOSIS
FL350

08-Sep-2018 18:50 UTC
 TR215C KSFO-WSSS

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