



Tradewind VA



Flight Briefing Package

TCC315C WSSS-KSFO

16-Sep-2018 #2

RELEASE #2

CHANGI
(SINGAPORE)

-

SAN FRANCISCO INTL
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

16 SEP 1521 UTC

| Fuel Planning (kg) | EU-OPS | Fuel | Time |
|---------------------------|---------------|-------------|-------------|
| TRIP | | 107.055 | 14:55 |
| CONT 5% | | 5.353 | 00:53 |
| HOLD | KSFO | 2.004 | 00:20 |
| ALTN | KOAK | 1.130 | 00:08 |
| FINAL RESV | | 3.006 | 00:30 |
| ADD FUEL | | 1.968 | 00:20 |
| MIN T/O | | 120.516 | 17:07 |
| EXTRA | | 1.503 | 00:15 |
| TAXI | | 780 | 00:15 |
| RELEASE | WSSS | 122.799 | 17:37 |
| ARR FUEL | KSFO | 14.756 | 02:23 |

| Load Planning (kg) | PJTGE | Plan | Limit |
|---------------------------|--------------|-------------|--------------|
| Empty Weight | | 156.146 | |
| Payload | 264+0 Pax | 24.816 | |
| Zero Fuel Weight | | 180.962 | 209.106 |
| Fuel | | 122.799 | 162.613 |
| Ramp Weight | | 303.761 | 348.359 |
| Take-Off Weight WSSS | | 302.981 | 360.000 |
| Landing Weight KSFO | Limit | 195.926 | 223.167 |
| Underload | | 27.241 | Lim LDW |

| Cost Planning | | |
|----------------------|-----------|---------|
| Flight Time | 14:55\$ | 82.727 |
| Fuel | 108.043\$ | 83.425 |
| Total | \$ | 166.152 |
| Per Pax | \$ | 629 |
| Per 5.000 kg Payload | \$ | 33.477 |

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC315C PJTGE WSSS-KSFO

ALL WEIGHTS IN KILOGRAMS (KG) STD 16SEP/1720Z

OPF 2 - PREPARED 16SEP/1521Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR315C/TCC315C PJTGE/B777-2LR GE SEL/EGAP ROUTE: WSSSKSF001

DEP: WSSS/SIN 20C ELEV 22 FT COST INDEX: 250 TTL G/C DIST: 7342 NM
ARR: KSFO/SFO 28L ELEV 13 FT INIT ALT: FL320 TTL F/P DIST: 7572 NM
FUEL BIAS: 100.5% TTL AIR DIST: 7260 NM
AVG WIND CMP: TL021 KT

ALT: KOAK/OAK 30 ELEV 9 FT 20 NM

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

** TAKE-OFF DATA WSSS 20C **

COND: 302981 KG // RWY DRY // +29C Q1009 150/07 // LMT: CLIMB
CONFIG: FLAPS 5 // D-TO +49C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=166 VR=171 V2=174
ENG OUT: AT 10 DME 'VTK' 116.50 LT TO 'HOSBA' [34 DME R 079 'SJ' 113.50] (259 INBD,RT)

Table with columns: FUEL, CORR, ENDUR. Rows: TRIP, CONT 5%, ALTN KOAK, 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 28744 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +1505 KG / 5000 KG TOW DECR: -1352 KG
2000 FT LOWER: +1368 KG / EET 14:45 CLB: 250/310/84 DES: 84/320/250

WSSS STD 17:20Z/01:20L ETD 17:20Z ACT OFBL EST T/O 17:35Z ACT T/O
KSFO STA 08:50Z/01:50L ETA 08:34Z ACT ONBL EST LDG 08:30Z ACT LDG
SKD 15:30 PLN 15:14 TTL BLCK EST FLT 14:55 TTL FLT

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

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (RJAA) 77 NM BEFORE EMRON N37 48.8 E148 26.9 EET 06:59
ETOPS EXIT (KSFO) 49 NM BEFORE 38N30 N38 25.7 W130 54.5 EET 13:56

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

RJAA (01:35-03:59)
PASY (03:28-07:45)
PANC (06:59-09:04)
KSFO (08:18-09:04)

ONE ENGINE OUT ETP 1 FOR RJAA/PASY N39 37.6 E157 28.3 EET 07:47
 1E084/320 DESC TO FL259 CRUISE AT 1E0320 119 NM BEFORE 40E60
 PLN FUEL OVER ETP 58579 ETP FUEL REQ 20803 DIV TIME 02:06
 ETP TO RJAA (N35 46.9 E140 23.1) DIST 844 NM WC HD061 TT 259
 ETP TO PASY (N52 43.7 E174 07.8) DIST 1044 NM WC TL037 TT 036

ONE ENGINE OUT DECOMP ETP 1 FOR RJAA/PASY N39 45.8 E158 19.1 EET 07:52
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 79 NM BEFORE 40E60
 PLN FUEL OVER ETP 58064 ETP FUEL REQ 21679 DIV TIME 02:33
 ETP TO RJAA (N35 46.9 E140 23.1) DIST 884 NM WC HD029 TT 260
 ETP TO PASY (N52 43.7 E174 07.8) DIST 1014 NM WC TL025 TT 035

ALL ENGINE DECOMP ETP 1 FOR RJAA/PASY N39 45.8 E158 19.1 EET 07:52
 84/320/250 DESC TO FL100 CRUISE AT AE320 79 NM BEFORE 40E60
 PLN FUEL OVER ETP 58064 ETP FUEL REQ 20682 DIV TIME 02:33
 ETP TO RJAA (N35 46.9 E140 23.1) DIST 884 NM WC HD029 TT 260
 ETP TO PASY (N52 43.7 E174 07.8) DIST 1014 NM WC TL025 TT 035

ONE ENGINE OUT ETP 2 FOR PASY/PANC N44 48.7 W162 59.2 EET 11:09
 1E084/320 DESC TO FL289 CRUISE AT 1E0320 128 NM BEFORE 45N60
 PLN FUEL OVER ETP 36351 ETP FUEL REQ 22139 DIV TIME 02:15
 ETP TO PASY (N52 43.7 E174 07.8) DIST 1018 NM WC HD022 TT 306
 ETP TO PANC (N61 10.4 W149 60.8) DIST 1086 NM WC TL010 TT 020

ONE ENGINE OUT DECOMP ETP 2 FOR PASY/PANC N44 54.5 W161 44.5 EET 11:15
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 74 NM BEFORE 45N60
 PLN FUEL OVER ETP 35732 ETP FUEL REQ 23868 DIV TIME 02:55
 ETP TO PASY (N52 43.7 E174 07.8) DIST 1059 NM WC HD005 TT 305
 ETP TO PANC (N61 10.4 W149 60.8) DIST 1063 NM WC HD002 TT 019

ALL ENGINE DECOMP ETP 2 FOR PASY/PANC N44 54.5 W161 44.5 EET 11:15
 84/320/250 DESC TO FL100 CRUISE AT AE320 74 NM BEFORE 45N60
 PLN FUEL OVER ETP 35732 ETP FUEL REQ 22755 DIV TIME 02:55
 ETP TO PASY (N52 43.7 E174 07.8) DIST 1059 NM WC HD005 TT 305
 ETP TO PANC (N61 10.4 W149 60.8) DIST 1063 NM WC HD002 TT 019

ONE ENGINE OUT ETP 3 FOR PANC/KSFO N43 32.7 W147 08.2 EET 12:25
 1E084/320 DESC TO FL299 CRUISE AT 1E0320 328 NM BEFORE 42N40
 PLN FUEL OVER ETP 28445 ETP FUEL REQ 22692 DIV TIME 02:18
 ETP TO PANC (N61 10.4 W149 60.8) DIST 1066 NM WC HD017 TT 355
 ETP TO KSFO (N37 37.1 W122 23.5) DIST 1180 NM WC TL030 TT 099

ONE ENGINE OUT DECOMP ETP 3 FOR PANC/KSFO N43 25.7 W146 30.5 EET 12:28
 84/320/250 DESC TO FL100 CRUISE AT 1E0320 299 NM BEFORE 42N40
 PLN FUEL OVER ETP 28116 ETP FUEL REQ 24424 DIV TIME 03:00
 ETP TO PANC (N61 10.4 W149 60.8) DIST 1075 NM WC HD011 TT 354
 ETP TO KSFO (N37 37.1 W122 23.5) DIST 1151 NM WC TL011 TT 099

ALL ENGINE DECOMP ETP 3 FOR PANC/KSFO N43 25.7 W146 30.5 EET 12:28
 84/320/250 DESC TO FL100 CRUISE AT AE320 299 NM BEFORE 42N40
 PLN FUEL OVER ETP 28116 ETP FUEL REQ 23261 DIV TIME 03:00
 ETP TO PANC (N61 10.4 W149 60.8) DIST 1075 NM WC HD011 TT 354
 ETP TO KSFO (N37 37.1 W122 23.5) DIST 1151 NM WC TL011 TT 099

ATC ROUTE: N0506F320 VMR8B VMR DCT LENDA N884 LULBU/N0503F330 N884 CAB R597
 VIGOR A590 GURAG/N0497F350 A590 YOSHI Y85 BUNGU Y81 SYOYU Y809 KAGIS
 A590 PABBA OTR5 ADNAP OTR7 EMRON DCT 40N160E/N0487F370 41N170E
 42N180E 44N170W 45N160W 44N150W 42N140W/N0489F390 38N130W DCT ALLBE
 DCT PIRAT DCT OSI DCT

ALTERNATE PLANNING

 ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KOAK/30 20 5000 061 TL001 00:08 1130 - SFO DCT OAK

MOST CRITICAL MORA 10800 FT AT LBG

| AWY -FIR | WAYPOINT NAME | MT | ALT | MSA ISA | FREQ WND/SPD | TAS GS | LEG REM | FUEL REM / USED POSITION | LEG ETO / ATO | ACC |
|----------------|----------------------------|-----|-------|------------|-------------------|------------|-------------|----------------------------------|-------------------------|-----|
| | WSSS/20C CHANGI | | 22 | 034 | | | | 122.0 / 0.8 N0122.0 E10360.9 |/..... | |
| VMR8B | IBIXU | 203 | *CLB | 034 P12 | 219/015 | | 6 7566 | 120.7 / 2.1 N0116.0 E10358.6 | 03 00.03/..... | |
| VMR8B | IBIVA | 203 | *CLB | 034 P12 | 236/013 | | 3 7564 | 120.5 / 2.3 N0114.0 E10357.6 | 01 00.04/..... | |
| VMR8B | DONDI | 113 | *CLB | 034 P12 | 254/012 | | 3 7561 | 120.3 / 2.5 N0113.0 E10359.9 | 00 00.04/..... | |
| VMR8B | DIVSA | 113 | *CLB | 034 P13 | 276/013 | | 5 7557 | 120.0 / 2.9 N0111.0 E10403.0 | 01 00.05/..... | |
| VMR8B | DOSPA | 022 | *CLB | 024 P13 | 279/010 | | 4 7553 | 119.7 / 3.1 N0115.0 E10405.6 | 01 00.06/..... | |
| VMR8B -WMFC | VTK TEKONG SINGAPORE | 341 | *CLB | 024 P14 | 116.50 297/004 | | 11 7542 | 119.2 / 3.7 N0125.0 E10401.3 | 01 00.07/..... | |
| VMR8B -WSJC | AKOMA | 342 | *CLB | 034 P16 | 096/006 | | 22 7520 | 118.2 / 4.6 N0145.0 E10355.7 | 04 00.11/..... | |
| VMR8B -WMFC | VMR MERSING JOHOR BAHRU | 356 | *CLB | 047 P15 | 116.80 091/013 | | 38 7482 | 116.9 / 5.9 N0223.0 E10352.2 | 05 00.16/..... | |
| DCT | *TOC | 069 | FL320 | 047 P13 | 049/011 | 506 492 | 29 7453 | 116.1 / 6.7 N0234.0 E10419.4 | 03 00.19/..... | |
| DCT | LEND A | 069 | FL320 | 047 P13 | 033/012 | 505 494 | 22 7432 | 115.7 / 7.1 N0241.0 E10439.4 | 03 00.22/..... | |
| N884 -WSJC | LIPRO | 069 | FL320 | 047 P13 | 025/011 | 505 497 | 34 7398 | 115.1 / 7.7 N0254.0 E10511.4 | 04 00.26/..... | |
| N884 | LEBIN | 069 | FL320 | 034 P13 | 014/014 | 505 497 | 59 7339 | 114.1 / 8.7 N0315.0 E10606.0 | 07 00.33/..... | |
| N884 | LUSMO | 069 | FL320 | 034 P13 | 024/014 | 505 495 | 53 7286 | 113.2 / 9.6 N0334.0 E10656.5 | 06 00.39/..... | |
| N884 | LAGOT | 051 | FL320 | 034 P13 | 016/011 | 506 497 | 355 6931 | 107.2 / 15.6 N0717.0 E11133.7 | 44 01.23/..... | |
| N884 -RPHI | LAXOR | 052 | FL320 | 014 P13 | 074/007 | 506 499 | 247 6683 | 103.1 / 19.7 N0950.0 E11448.4 | 29 01.52/..... | |
| N884 | LULBU | 052 | *CLB | 014 P13 | 087/009 | | 130 6554 | 101.0 / 21.8 N1110.0 E11632.2 | 16 02.08/..... | |
| N884 | LEGED | 053 | FL330 | 010 P12 | 055/011 | 503 491 | 183 6371 | 98.0 / 24.8 N1301.0 E11900.1 | 22 02.30/..... | |
| N884 | LBG LUBANG | 053 | FL330 | 108 P13 | 117.50 038/014 | 503 489 | 82 6289 | 96.6 / 26.2 N1351.0 E12006.4 | 10 02.40/..... | |

| | | | | | | | | | | |
|-------|--------------|-----|-------|-----|---------------|-----|------|------------------|-------------|-------|
| N884 | CAB | 030 | FL330 | 108 | 112.70 | 503 | 111 | 94.8 / 28.0 | 14 | 02.54 |
| | CABANATUAN | | | P13 | 008/013 | 490 | 6177 | N1529.0 E12101.4 |/..... | |
| R597 | SARSI | 061 | FL330 | 102 | | 504 | 149 | 92.4 / 30.4 | 18 | 03.12 |
| | | | | P13 | 009/025 | 490 | 6029 | N1644.0 E12315.9 |/..... | |
| R597 | VIGOR | 062 | FL330 | 010 | | 504 | 78 | 91.2 / 31.6 | 10 | 03.22 |
| | | | | P12 | 021/025 | 484 | 5951 | N1722.0 E12426.6 |/..... | |
| A590 | GURAG | 040 | *CLB | 010 | | 276 | | 86.6 / 36.2 | 34 | 03.56 |
| -RJJJ | | | | P11 | 045/026 | | 5674 | N2100.0 E12725.9 |/..... | |
| A590 | TUNTO | 041 | FL350 | 010 | | 496 | 152 | 84.0 / 38.8 | 20 | 04.16 |
| | | | | P10 | 040/026 | 469 | 5522 | N2300.0 E12905.8 |/..... | |
| A590 | AVLAS | 039 | FL350 | 010 | | 496 | 99 | 82.4 / 40.4 | 13 | 04.29 |
| | | | | P10 | 037/024 | 472 | 5423 | N2421.0 E13007.2 |/..... | |
| A590 | MDE | 039 | FL350 | 016 | 117.80 | 496 | 109 | 80.7 / 42.1 | 13 | 04.42 |
| | MINAMIDAITO | | | P10 | 033/023 | 473 | 5313 | N2551.0 E13116.8 |/..... | |
| A590 | BIXAK | 044 | FL350 | 016 | | 497 | 158 | 78.2 / 44.6 | 20 | 05.02 |
| | | | | P10 | 022/018 | 479 | 5156 | N2753.0 E13308.2 |/..... | |
| A590 | DOVAG | 045 | FL350 | 010 | | 497 | 55 | 77.3 / 45.5 | 07 | 05.09 |
| | | | | P10 | 015/016 | 481 | 5100 | N2835.0 E13349.8 |/..... | |
| A590 | OLDUP | 046 | FL350 | 010 | | 496 | 122 | 75.5 / 47.3 | 15 | 05.24 |
| | | | | P10 | 340/011 | 490 | 4978 | N3008.0 E13521.5 |/..... | |
| A590 | BUBDO | 046 | FL350 | 010 | | 496 | 104 | 73.9 / 48.9 | 13 | 05.37 |
| | | | | P10 | 295/015 | 498 | 4874 | N3126.0 E13639.2 |/..... | |
| A590 | AKUBI | 054 | FL350 | 010 | | 495 | 137 | 72.0 / 50.8 | 16 | 05.53 |
| | | | | P10 | 272/027 | 513 | 4737 | N3257.0 E13839.4 |/..... | |
| A590 | YOSHI | 055 | FL350 | 014 | | 495 | 20 | 71.7 / 51.1 | 03 | 05.56 |
| | | | | P10 | 270/029 | 515 | 4717 | N3310.0 E13857.4 |/..... | |
| Y85 | BUNGU | 032 | FL350 | 060 | | 495 | 63 | 70.8 / 52.0 | 07 | 06.03 |
| | | | | P10 | 267/037 | 512 | 4654 | N3407.0 E13930.9 |/..... | |
| Y81 | BAFFY | 064 | FL350 | 060 | | 495 | 28 | 70.4 / 52.4 | 03 | 06.06 |
| | | | | P09 | 265/039 | 527 | 4626 | N3422.0 E13958.3 |/..... | |
| Y81 | CHEVY | 064 | FL350 | 060 | | 495 | 33 | 70.0 / 52.8 | 04 | 06.10 |
| | | | | P09 | 264/041 | 532 | 4593 | N3439.0 E14032.0 |/..... | |
| Y81 | SYOYU | 065 | FL350 | 010 | | 495 | 8 | 69.9 / 52.9 | 01 | 06.11 |
| | | | | P09 | 263/042 | 532 | 4585 | N3444.0 E14041.5 |/..... | |
| Y809 | KAGIS | 061 | FL350 | 010 | | 495 | 113 | 68.4 / 54.4 | 13 | 06.24 |
| | | | | P09 | 262/049 | 536 | 4472 | N3549.0 E14234.8 |/..... | |
| A590 | PABBA | 051 | FL350 | 010 | | 494 | 99 | 67.0 / 55.8 | 11 | 06.35 |
| | | | | P09 | 260/055 | 537 | 4372 | N3700.0 E14360.7 |/..... | |
| OTR5 | ONION | 088 | FL350 | 010 | | 494 | 10 | 66.9 / 55.9 | 01 | 06.36 |
| | | | | P09 | 260/054 | 549 | 4362 | N3702.0 E14412.3 |/..... | |
| OTR5 | ADNAP | 088 | FL350 | 010 | | 494 | 71 | 66.0 / 56.8 | 08 | 06.44 |
| | | | | P09 | 261/053 | 548 | 4291 | N3712.0 E14540.9 |/..... | |

----- ETOPS ENTRY (RJAA) 0077 NM BEFORE EMRON EET 06:59 -----

OTR7 **EMRON** 082 FL350 010 494 213 63.2 / 59.6 23 07.07
P08 262/049 544 4078 N3806.0 E15000.0/.....

*ETP 1 079 FL350 010 494 401 58.1 / 64.7 45 07.52
RJAA/PASY P07 277/046 544 3677 N3945.0 E15819.1/.....

DCT **40E60** 082 *CLB 010 79 57.0 / 65.8 08 08.00
40N160E P07 285/049 3598 N4000.0 E16000.0/.....

DCT *BDRY 082 FL370 010 486 232 54.0 / 68.7 27 08.27
-KZAK P03 307/067 534 3366 N4037.0 E16460.8/.....

----- 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 **41E70** 083 FL370 010 485 229 51.1 / 71.7 25 08.52
41N170E P01 307/070 534 3137 N4100.0 E17000.0/.....

DCT **42E80** 078 FL370 010 486 454 45.5 / 77.3 52 09.44
42N180E P02 293/056 535 2683 N4200.0 E18000.0/.....

DCT **44N70** 067 FL370 010 488 455 39.8 / 83.0 52 10.36
44N170W P03 225/071 545 2228 N4400.0 W17000.0/.....

*ETP 2 070 FL370 010 488 359 35.7 / 87.1 39 11.15
PASY/PANC P01 247/068 545 1869 N4454.0 W16144.5/.....

DCT **45N60** 073 FL370 010 485 74 34.9 / 87.9 08 11.23
45N160W P00 250/063 546 1795 N4500.0 W16000.0/.....

DCT **44N50** 083 FL370 010 485 433 29.9 / 92.9 48 12.11
44N150W M00 297/055 539 1363 N4400.0 W15000.0/.....

*ETP 3 088 FL370 010 485 156 28.1 / 94.7 17 12.28
PANC/KSFO P01 314/075 539 1206 N4325.0 W14630.5/.....

DCT **42N40** 090 *CLB 010 299 24.7 / 98.1 33 13.01
42N140W P04 318/037 907 N4200.0 W14000.0/.....

----- ETOPS EXIT (KSFO) 0049 NM BEFORE 38N30 EET 13:56 -----

DCT **38N30** 106 FL390 010 490 519 18.6 / 104.2 0101 14.02
38N130W P04 242/030 506 388 N3800.0 W13000.0/.....

DCT **ALLBE** 086 FL390 010 491 146 17.0 / 105.8 17 14.19
-KZOA P05 229/044 514 243 N3730.0 W12700.0/.....

DCT *TOD 079 *DES 010 108 15.7 / 107.1 12 14.31
P05 229/044 134 N3723.0 W12444.8/.....

DCT **PIRAT** 081 *DES 061 90 15.5 / 107.3 12 14.43
P10 210/011 44 N3715.0 W12252.8/.....

DCT **OSI** 060 *DES 061 **113.90** 29 15.3 / 107.5 06 14.49
WOODSIDE P08 185/004 16 N3724.0 W12217.8/.....

DCT **KSFO/28L** 331 13 061 16 15.0 / 107.8 06 14.55
SAN FRANCISCO INTL N3737.0 W12222.5/.....

WIND INFORMATION - OBS 16/SEP 06:00

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(CLIMB)
FL310 070/014 -33 FL360 037/016 -46 FL360 043/022 -46 FL360 054/017 -46
FL250 103/013 -19 FL340 009/011 -40 FL340 028/020 -40 FL340 042/015 -40
FL190 066/004 -7 FL320 026/012 -35 FL320 024/015 -35 FL320 017/011 -35
FL120 279/009 +5 FL300 041/013 -30 FL300 016/010 -30 FL300 341/011 -30
6000 234/015 +15 FL280 059/011 -26 FL280 046/008 -26 FL280 003/005 -26

LAXOR
FL360 076/020 -46 FL370 067/029 -49 FL370 040/024 -49 FL370 014/030 -48
FL340 075/011 -40 FL350 064/019 -44 FL350 024/016 -43 FL350 007/028 -42
FL320 074/007 -35 FL330 056/011 -38 FL330 009/013 -38 FL330 010/026 -37
FL300 070/003 -30 FL310 036/007 -33 FL310 008/012 -32 FL310 023/025 -32
FL280 118/003 -26 FL290 026/004 -28 FL290 015/010 -27 FL290 037/023 -28

TUNTO
FL390 035/030 -53 FL390 033/030 -53 FL390 027/024 -53 FL390 347/018 -53
FL370 037/028 -49 FL370 033/027 -49 FL370 025/022 -49 FL370 345/015 -49
FL350 041/026 -44 FL350 034/023 -44 FL350 023/018 -44 FL350 341/012 -44
FL330 046/024 -40 FL330 037/020 -40 FL330 024/016 -39 FL330 332/009 -39
FL310 052/023 -35 FL310 042/018 -34 FL310 029/014 -34 FL310 318/007 -34

BUBDO
FL390 314/022 -54 FL390 289/032 -54 FL390 275/043 -55 FL390 268/052 -55
FL370 307/019 -49 FL370 282/030 -50 FL370 271/042 -50 FL370 265/051 -50
FL350 295/015 -44 FL350 272/028 -44 FL350 266/040 -45 FL350 263/049 -45
FL330 282/013 -39 FL330 264/026 -39 FL330 262/038 -40 FL330 260/048 -40
FL310 272/013 -34 FL310 259/025 -34 FL310 261/037 -35 FL310 259/047 -35

ONION
FL390 264/057 -55 FL390 265/052 -56 FL410 310/071 -60 FL410 288/047 -55
FL370 263/056 -51 FL370 264/051 -51 FL390 308/076 -59 FL390 290/052 -55
FL350 261/055 -46 FL350 263/049 -46 FL370 308/071 -55 FL370 294/057 -54
FL330 259/054 -40 FL330 262/049 -41 FL350 309/063 -50 FL350 297/062 -53
FL310 258/054 -35 FL310 261/048 -35 FL330 308/053 -45 FL330 299/065 -50

44N70
FL410 229/055 -54 FL410 250/060 -60 FL410 296/054 -60 FL430 245/031 -56
FL390 227/065 -55 FL390 249/064 -60 FL390 295/058 -60 FL410 244/031 -55
FL370 225/072 -53 FL370 250/064 -56 FL370 297/056 -57 FL390 243/030 -53
FL350 223/077 -51 FL350 252/062 -52 FL350 300/052 -53 FL370 248/026 -52
FL330 222/079 -49 FL330 252/060 -47 FL330 303/051 -48 FL350 259/022 -50

ALLBE
FL430 232/046 -56 (DESCENT)
FL410 231/045 -54 FL380 229/060 -50
FL390 230/044 -52 FL310 233/036 -41
FL370 230/038 -50 FL230 237/020 -22
FL350 230/030 -48 15000 233/015 -5
7000 272/006 +7
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END FLIGHTPLAN 02533 TCC315C PJTGE WSSS-KSFO 16SEP2018

[ATC FLIGHTPLAN]

(FPL-TCC315C-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-WSSS1720
-N0506F320 VMR8B VMR DCT LENDA N884 LULBU/N0503F330 N884 CAB
R597 VIGOR A590 GURAG/N0497F350 A590 YOSHI Y85 BUNGU Y81 SYOYU
Y809 KAGIS A590 PABBA OTR5 ADNAP OTR7 EMRON DCT
40N160E/N0487F370 41N170E 42N180E 44N170W 45N160W 44N150W
42N140W/N0489F390 38N130W DCT ALLBE DCT PIRAT DCT OSI DCT
-KSF01455 KOAK
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/180916 REG/PJTGE
EET/WMFC0008 RPHI0152 RJJJ0356 KZAK0827 KZOA1419
SEL/EGAP CODE/484DC7 RVR/75 OPR/TRADEWIND CHARTER
ORGN/TNCCTCAP PER/C
RALT/RJAA PASY PANC
RMK/TCAS
-E/1722)

[PLANNING WEATHER]

ORIGIN: WSSS/SIN (CHANGI, SINGAPORE)

UTC +08:00

WSSS 161430Z 15007KT 130V190 9999 FEW018 BKN300 29/23 Q1009 NOSIG
WSSS 161100Z 1612/1718 18010KT 9999 FEW018CB SCT020
TEMPO 1622/1702 3000 TSRA FEW012CB BKN015

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

UTC -07:00

KSFO 161356Z 29008KT 10SM FEW008 13/11 A2999 RMK A02 SLP154 T01330106 \$
KSFO 161452Z 1615/1718 28008KT P6SM FEW008
FM162100 27015G25KT P6SM FEW012
FM170400 27012KT P6SM SCT010
FM171000 27010KT P6SM BKN010

ALTERNATE: KOAK/OAK (METRO OAKLAND INTL, UNITED STATES)

UTC -07:00

KOAK 161353Z 00000KT 10SM MIFG SCT013 14/09 A3000 RMK A02 SLP157 T01440089
\$
KOAK 161120Z 1612/1718 VRB03KT P6SM SCT010
FM161500 26006KT P6SM SCT010
FM162100 27015KT P6SM SKC
FM170400 28010KT P6SM SCT010
FM170800 28008KT P6SM BKN010
FM171000 25005KT P6SM OVC010

EDTO AIRPORT: RJAA/NRT (NARITA INTL, JAPAN)

UTC +09:00

RJAA 161430Z 16002KT 9999 FEW006 20/20 Q1012 NOSIG
RJAA 161105Z 1612/1718 18004KT 9999 FEW015 SCT025
TEMPO 1618/1621 3000 BR FEW003 BKN007
BECMG 1620/1622 36005KT
TEMPO 1709/1712 4000 SHRA BR

EDTO AIRPORT: PASY/SYA (EARECKSON AS, ALASKA)

UTC -10:00

PASY 161313Z AUTO 22014KT 3/4SM BR VV001 10/10 A3013 RMK A02 VIS 3/4V6
SLP206 RVRNO
AMD PASY 161329Z 1613/1712 21020KT 0800 FG BKN001 OVC040 QNH3000INS
TEMPO 1613/1614 0400 FG
BECMG 1614/1615 20015KT 8000 BR BKN020 QNH3008INS TX12/1706Z TN10/1613Z

EDTO AIRPORT: PANC/ANC (STEVENS ANCHORAGE INTL, ALASKA)

UTC -08:00

PANC 161353Z 01003KT 10SM FEW030 BKN055 12/08 A2990 RMK A02 SLP126
T01220083
PANC 161453Z 1615/1718 VRB03KT P6SM -SHRA SCT035 OVC050
FM161900 16006KT P6SM FEW040 BKN070

WBSB/BWN (BRUNEI INTL, BRUNEI)

UTC +08:00

WBSB 161430Z 04002KT 7000 FEW015 BKN270 28/27 Q1009 NOSIG
WBSB 161050Z 1612/1718 20003KT 7000 FEW015 FEW016CB
TEMPO 1614/1616 5000 SHRA
BECMG 1702/1704 26010KT SCT016 FEW017CB

RPLL/MNL (NINYO AQUINO INTL, PHILIPPINES)

UTC +08:00

RPLL 161400Z VRB01KT 9999 FEW020 SCT100 BKN250 26/26 Q1011 NOSIG RMK A2985
RPLL 161100Z 1612/1718 11006KT 9999 FEW023 BKN100 TX31/1706Z TN26/1622Z
TEMPO 1612/1618 25005KT 9000 -SHRA SCT023 OVC080
TEMPO 1618/1624 15004KT SCT023 OVC100

RORS/SHI (SHIMOJISHIMA, OKINAWA ISLANDS)

UTC +09:00

RORS 161000Z 13013KT 9999 FEW015 29/26 Q1013
NO TAF AVAILABLE

ROAH/OKA (NAHA, OKINAWA ISLANDS)

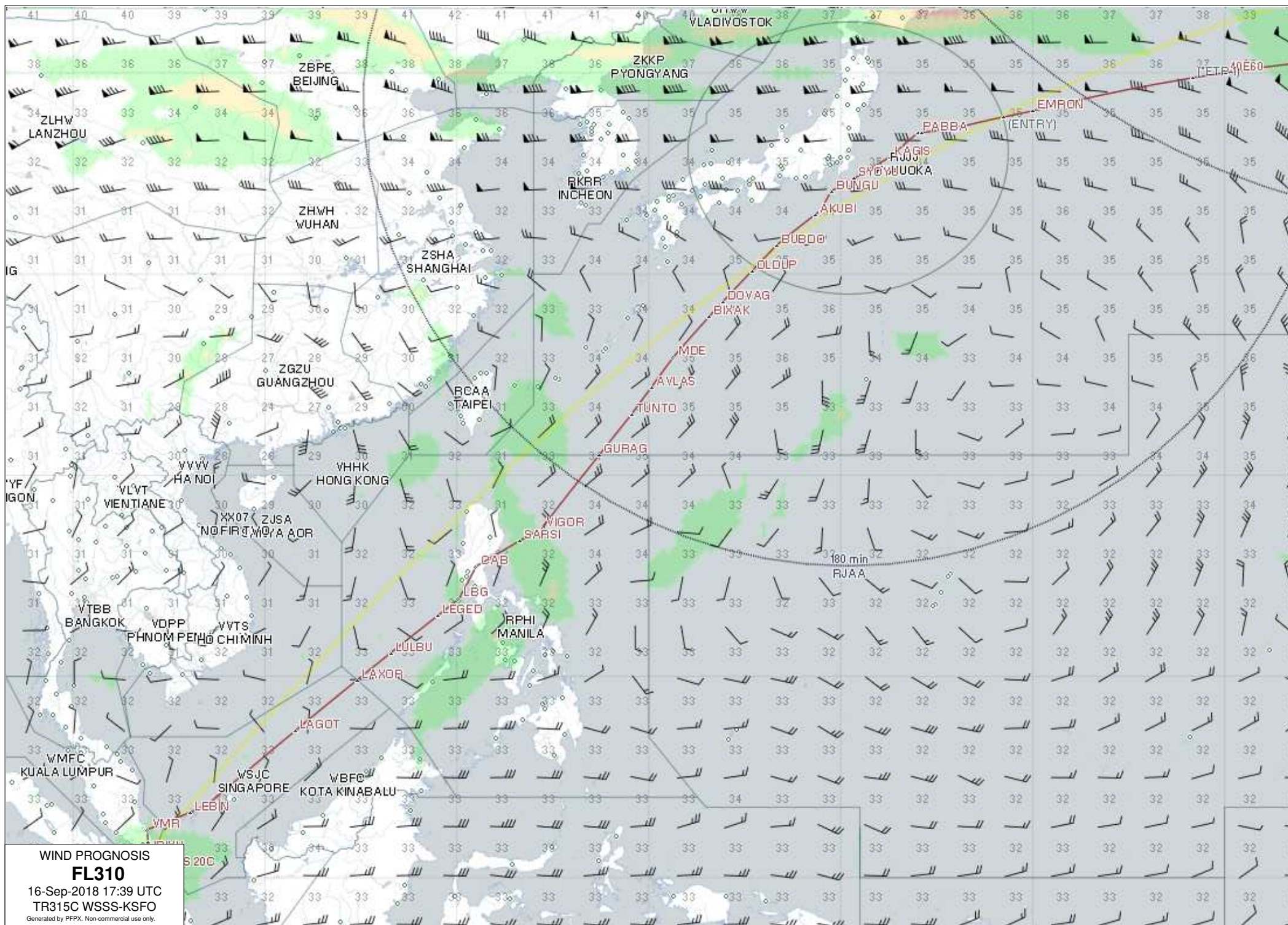
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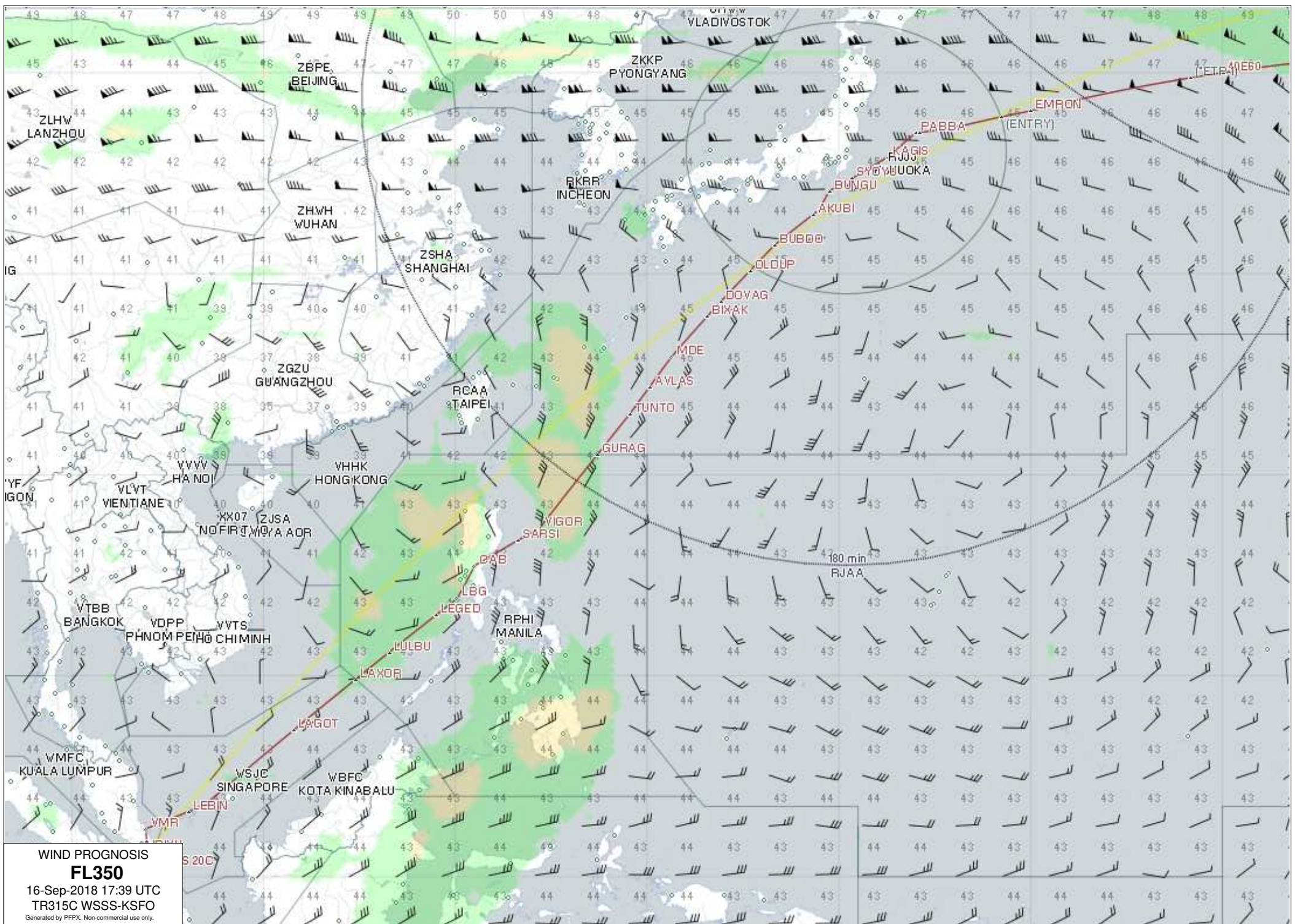
ROAH 161430Z 14003KT 9999 FEW015 28/24 Q1016
ROAH 161106Z 1612/1718 12005KT 9999 FEW015
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RJGG/NGO (CHUBU CENTRAIR INTL, JAPAN)

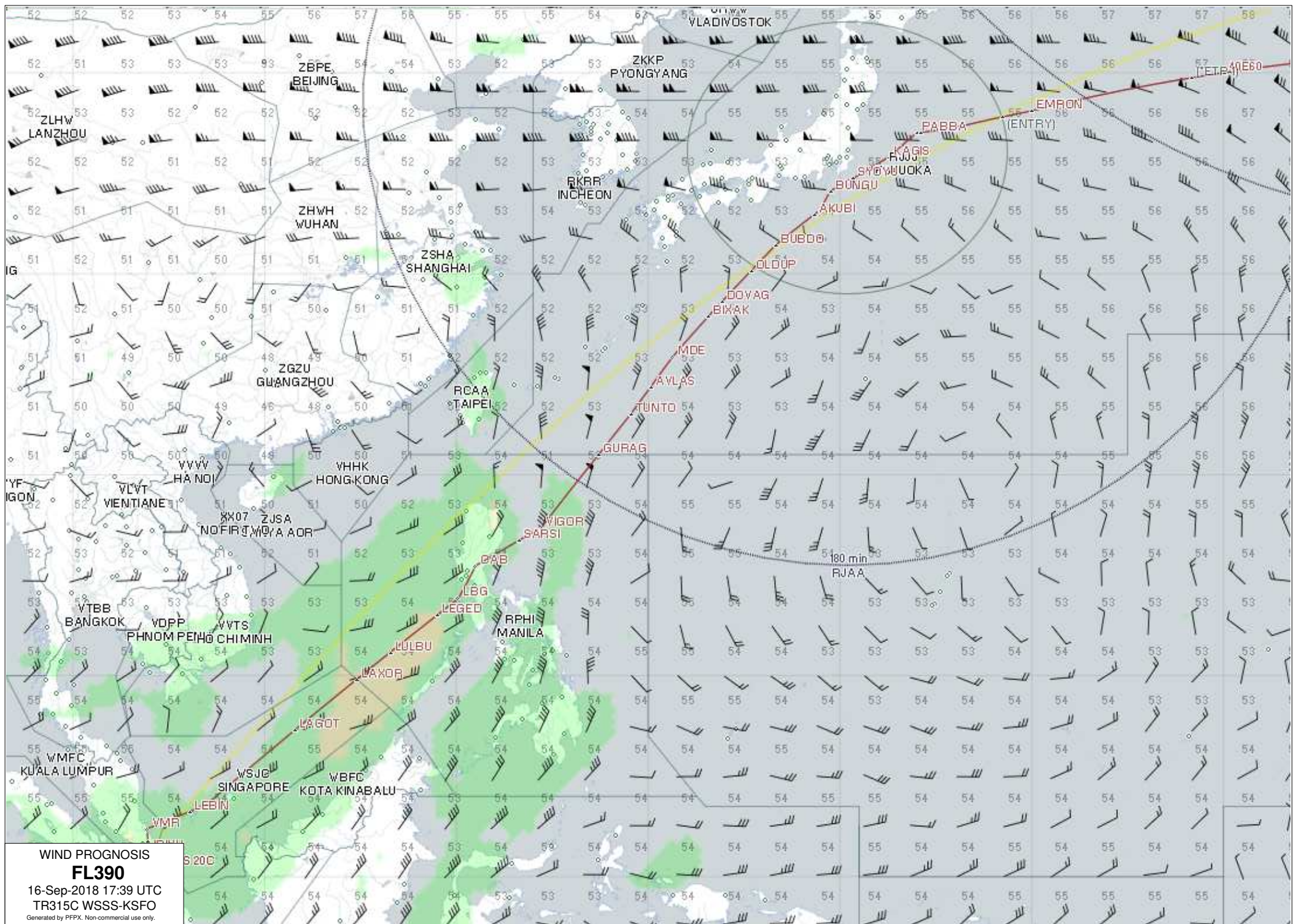
UTC +09:00

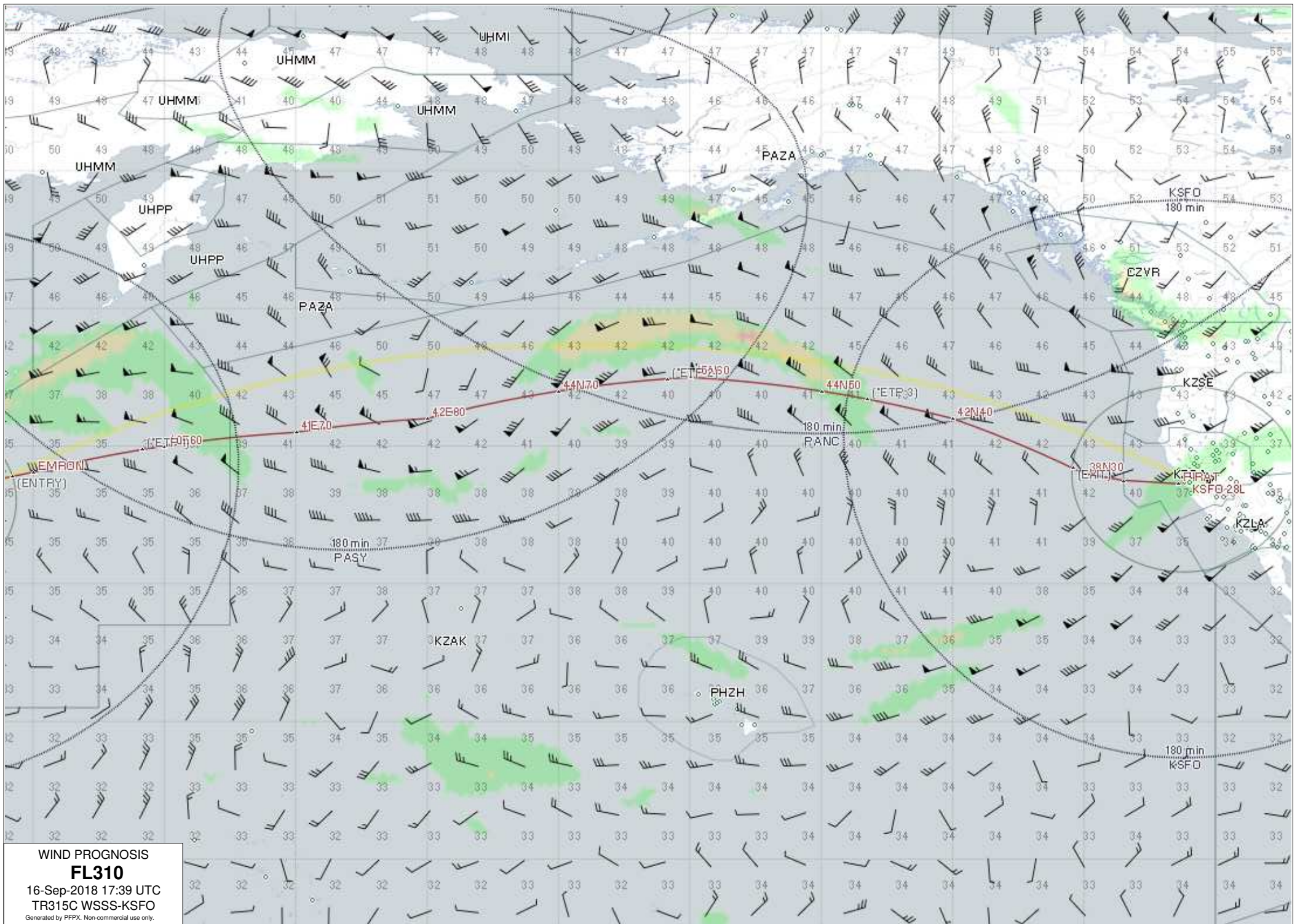
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RJGG 161106Z 1612/1718 32006KT 9999 FEW020 BKN040
BECMG 1703/1706 32020KT





WIND PROGNOSIS
FL350
 16-Sep-2018 17:39 UTC
 TR315C WSSS-KSFO
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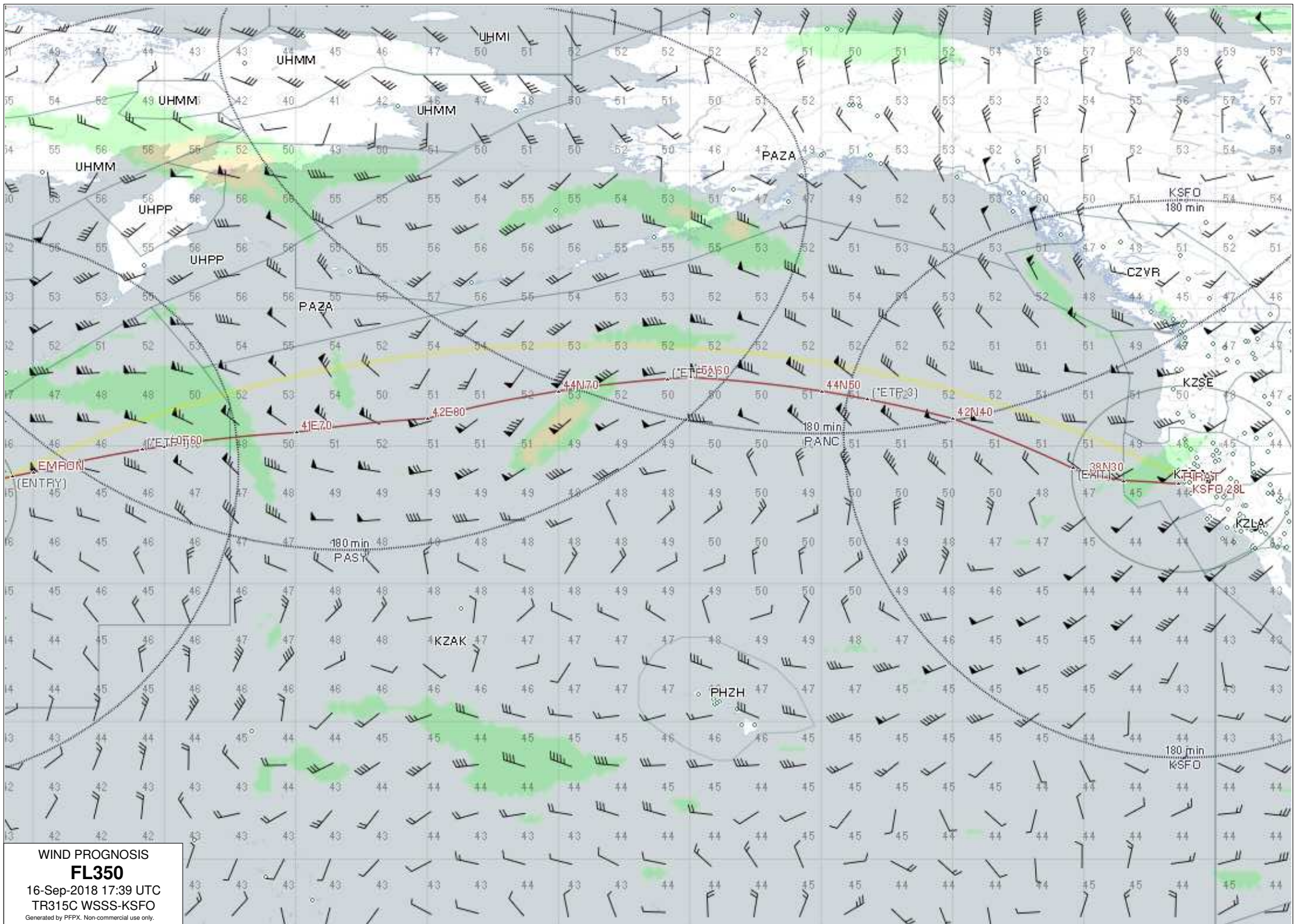
WIND PROGNOSIS

FL310

16-Sep-2018 17:39 UTC

TR315C WSSS-KSFO

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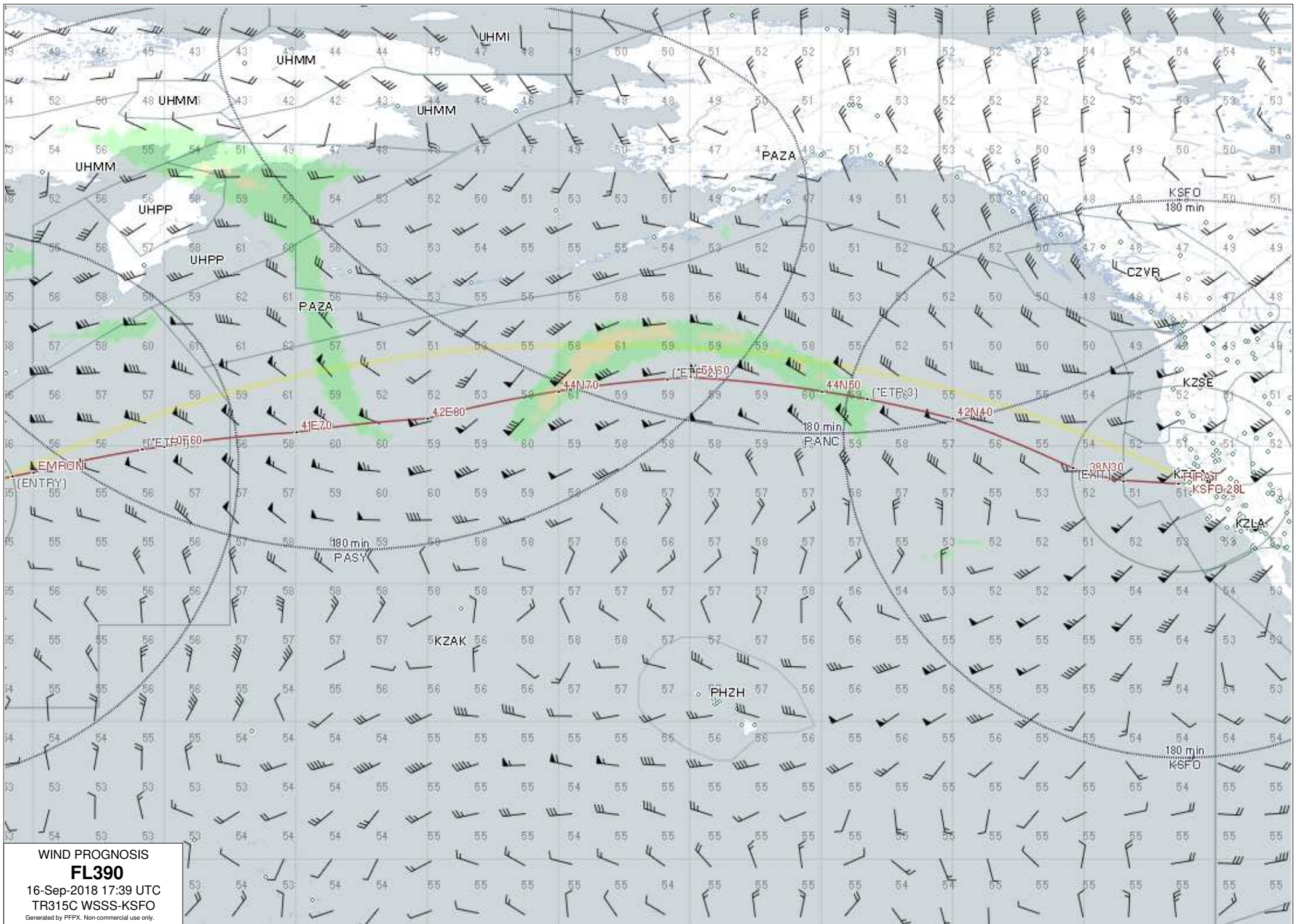
WIND PROGNOSIS

FL350

16-Sep-2018 17:39 UTC

TR315C WSSS-KSFO

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WIND PROGNOSIS

FL390

16-Sep-2018 17:39 UTC

TR315C WSSS-KSFO

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