

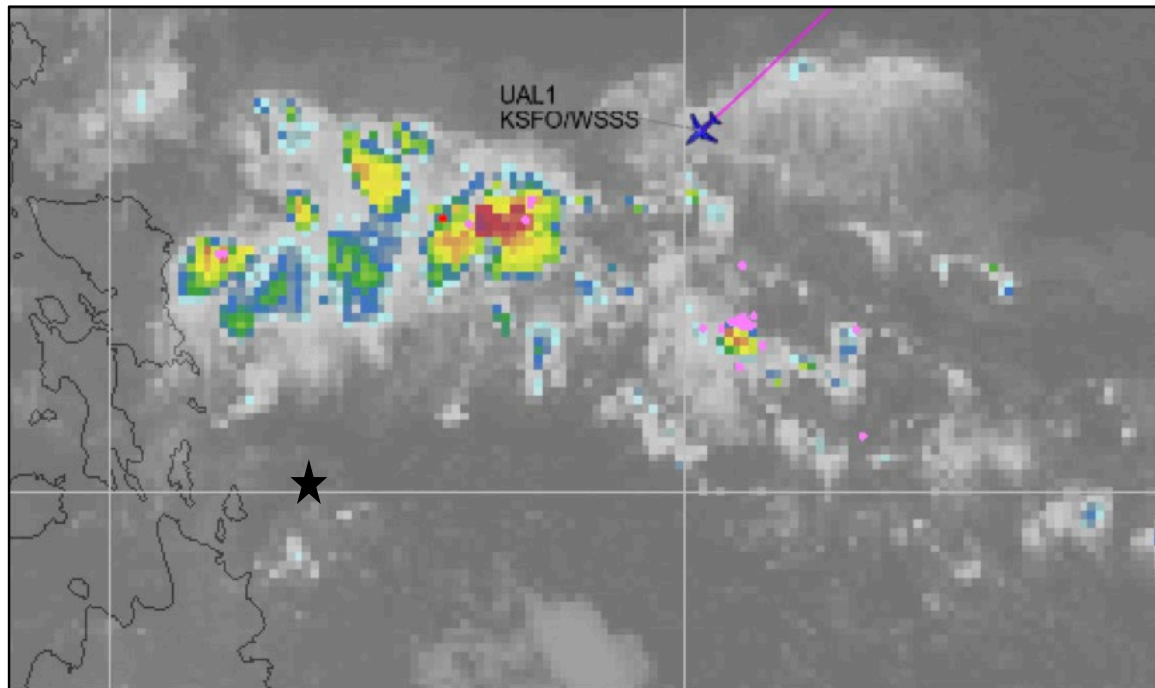
UAL1 SFO-SIN 27MAR2025

INFORMATION PROVIDED BY UNITED

Flight Number	UAL1
Date	27MAR2025
Time	2034 UTC
Aircraft Type	B789
City Pairs	SFO - SIN
Location	9.92N 126.66E
Description	Turbulence resulted in serious injury of flight attendant.
Flight Level	FL400

UAL1 SFO-SIN 27MAR2025

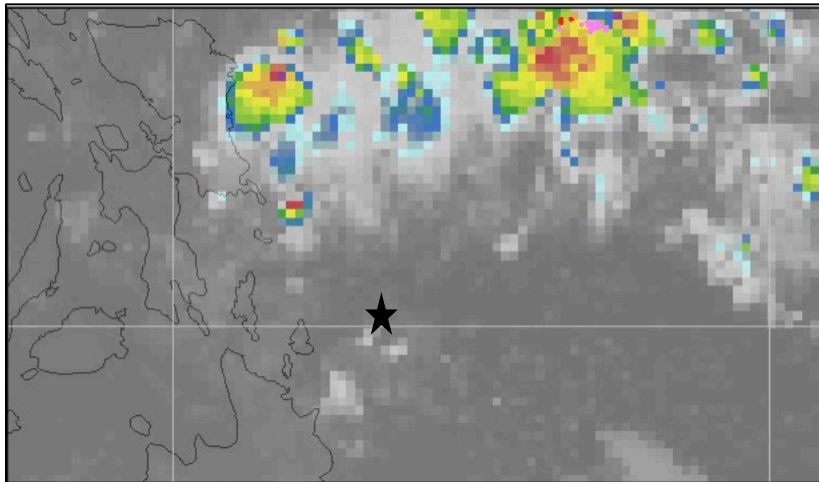
Fusion Satellite Imagery Valid 2002z March 27th



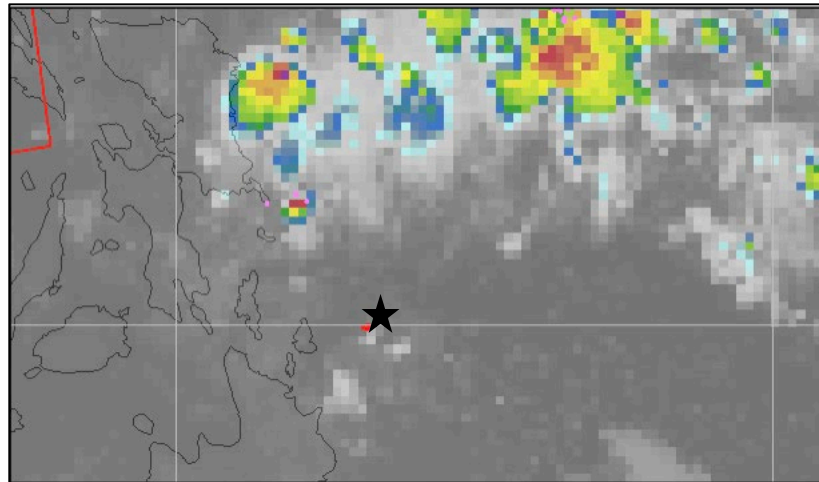
- Fusion satellite and lightning product at 2002z shows UAL1 approaching an area of SCT convection east of The Philippines.
- Location of incident is indicated by black star, 9.92N 126.66E.
- Given the lack of organization of the convection, The Weather Company did not have a sigmet or SCT-BKN coverage forecast area here.

UAL1 SFO-SIN 27MAR2025

Fusion Satellite Imagery Valid 2034z March 27th



Fusion Satellite Imagery Valid 2102z March 27th

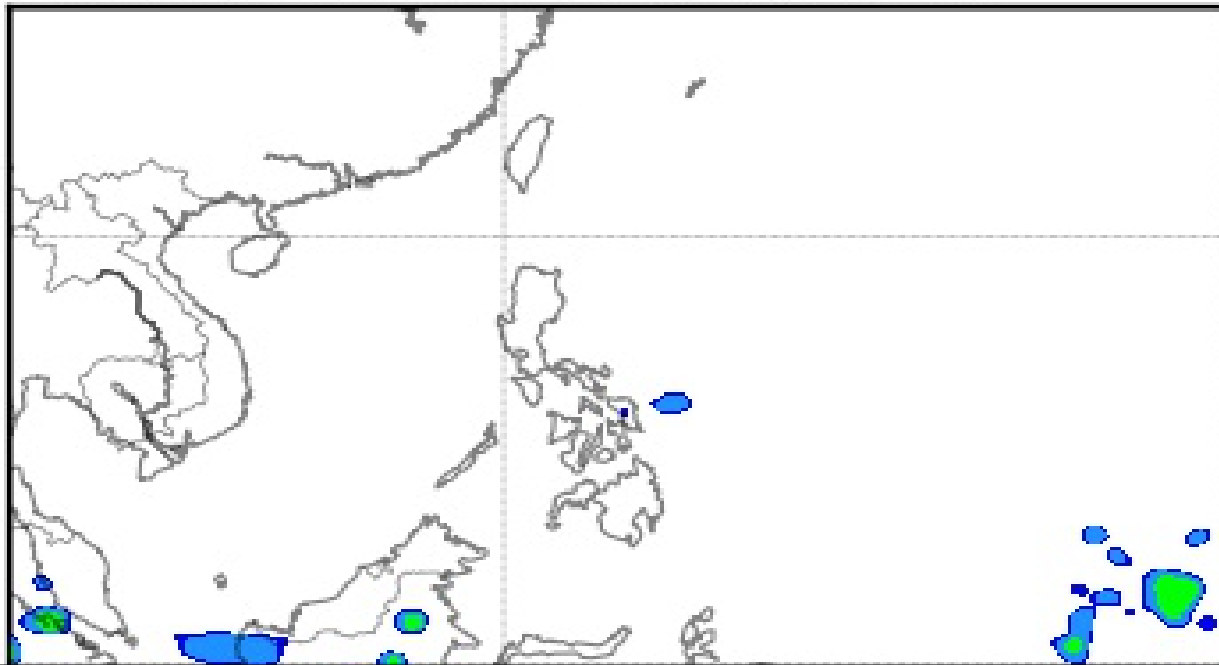


- Location of incident is indicated by black star, 9.92N 126.66E.
- Fusion satellite and lightning product shows a strengthening, isolated convective cell WSW of incident location; lightning developed between 2034z and 2102z near the incident location indicating the presence of updrafts.
- There was no significant turbulence forecast.

UAL1 SFO-SIN 27MAR2025

Turbulence forecast at FL390 Valid 20z Mar 27th

GTG @ FL390 (11887m)
F08H Valid 20:00 UTC Thu Mar 27 2025

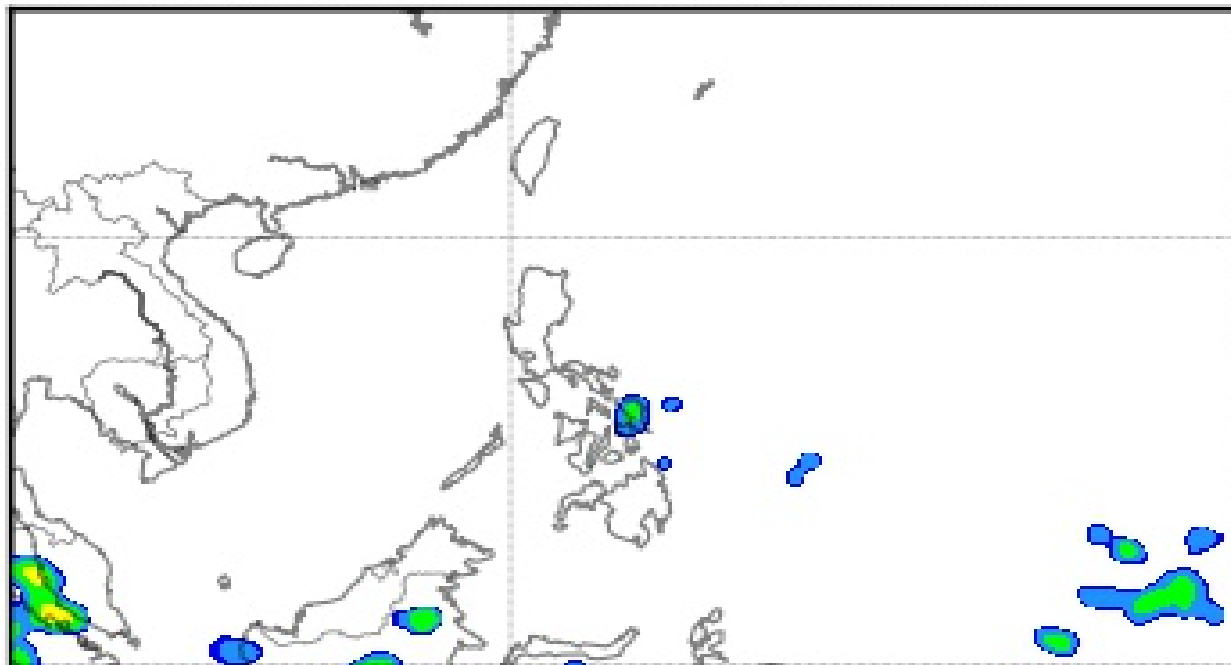


- GTG forecast at 20Z depicts no significant CAT forecast across the southern Philippines.

UAL1 SFO-SIN 27MAR2025

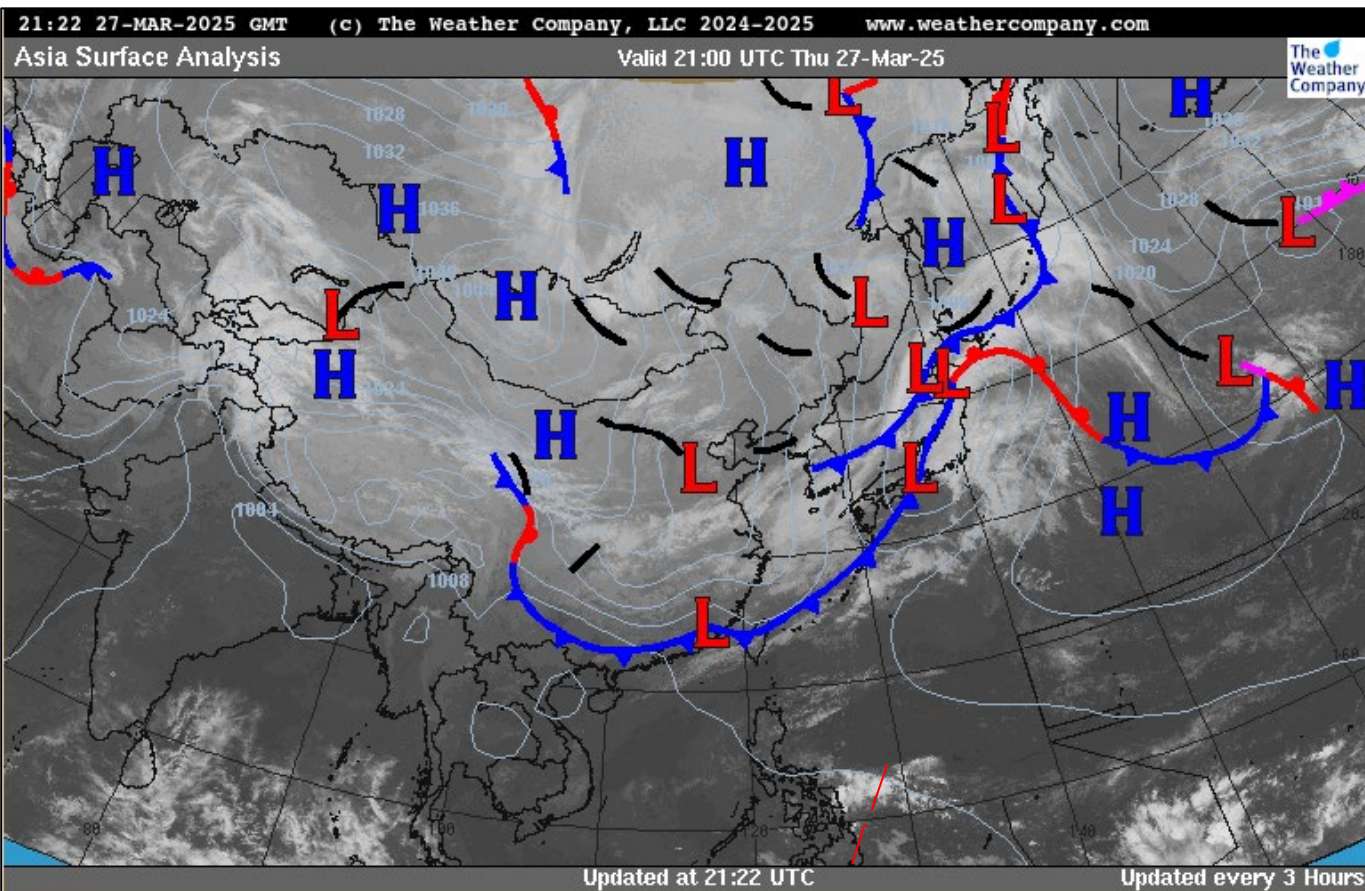
Turbulence forecast at FL390 Valid 20z Mar 27th

GTG @ FL390 (11887m)
F10H Valid 22:00 UTC Thu Mar 27 2025



- GTG forecast at 22Z depicts a small area of turbulence in area of incident, likely a reflection of developing convective cell.

UAL1 SFO-SIN 27MAR2025



- Surface analysis showed high pressure centered to the NE of the Philippines, with no tropical systems noted.
- Weak inverted trough around the southern Philippines contributing to limited convective development.

Weather Summary

- Weak inverted trough across the southern Philippines area during 27Mar.
- Scattered convection developed east of The Philippines, in association with this trough.
- Due to the scattered nature of these thunderstorms, The Weather Company did not have any convective FPGs in effect at the time.
- Satellite imagery loop indicated thunderstorm activity was increasing at the time of the incident, with the aircraft likely encountering increasing updrafts associated with this convection.
- The Weather Company did not have any turbulence FPGs forecasted at this time.

UAL001 27MAR25 SFO-SIN

KSFO -SFO - SAN FRANCISCO INTL

01L/19R 7650 01R/19L 8650 10L/28R 11870 10R/28L 11381

METAR 270456Z 20015G27KT 10SM FEW012 SCT017 OVC060 14/11 A3002

RMK

AO2 PK WND 21027/0450 SLP164 T01390106=

METAR 270356Z 14006KT 10SM FEW012 BKN015 OVC055 14/11 A3000

RMK

AO2 SLP158 T01390106=

METAR 270256Z 14008KT 10SM BKN018 BKN038 OVC180 14/11 A2999

RMK

AO2 SLP154 T01440106 58003=

TAF 270400Z 2704/2810 18010G17KT P6SM SCT012 BKN020

PROB30 2705/2709 5SM -RA BR FEW008 BKN015

FM270900 20008KT P6SM SCT012 BKN020

FM271300 21010KT P6SM SCT020 BKN030

FM271800 20015G25KT P6SM SCT035 BKN050

PROB30 2718/2722 5SM -SHRA BR SCT020 BKN035

FM280300 21010G18KT P6SM SCT025 BKN035

FM280500 22010KT 6SM -SHRA BR SCT015 BKN025

RMK WSI/BH=

WSSS -SIN - SINGAPORE/CHANGI

02C/20C 13123 02L/20R 13123 02R/20L 13123

METAR 270530Z 36009KT 310V020 8000 SCT020 BKN300 29/25 Q1006

WS

R02L

TEMPO TL0550 3000 TSRA=

METAR 270500Z 35011KT 9000 SCT020 BKN300 31/26 Q1007 NOSIG=

METAR 270430Z 01008KT 9000 SCT020 BKN300 31/26 Q1007 NOSIG=

TAF 270500Z 2706/2812 01008KT 9999 FEW015 SCT020

TEMPO 2706/2709 3000 TSRA FEW012CB BKN015=

WSAP -QPG - SINGAPORE/PAYA LEBAR

02/20 12402

METAR 270500Z 01007KT 8000 -SHRA

FEW016CB

SCT018TCU 31/24 Q1008=

METAR 270400Z 32003KT 8000

FEW018TCU SCT020

BKN300 31/24 Q1008=

METAR 270300Z 36003KT 9000

FEW018 BKN300

31/24 Q1009=

TAF 270500Z 2706/2812 01008KT 9999 FEW015 SCT020

TEMPO 2706/2709 3000 TSRA FEW012CB BKN015=

KPDX -PDX - PORTLAND INTL

03/21 6000 10L/28R 9825 10R/28L 11000

METAR 270453Z 12004KT 7SM -RA FEW023 SCT036 OVC060 14/12 A2968

RMK

AO2 RAB26 SLP048 P0003 T01390117=

METAR 270353Z 00000KT 10SM FEW030 OVC045 14/11 A2965 RMK AO2

RAB0256E51 SLP040 P0013 T01390111=

METAR 270253Z 26006KT 10SM OVC039 17/11 A2964 RMK AO2 RAE44

SLP036 P0002 60002 T01720106 51039=

TAF 270520Z 2706/2806 17005KT P6SM -SHRA SCT023 BKN045

FM271800 16011KT P6SM -RA BKN045

FM272200 15013G26KT P6SM -RA SCT025 OVC040=

PANC -ANC - STEVENS ANCHORAGE INTL

07L/25R 10600 07R/25L 12400 15/33 10865

METAR 270553Z 34003KT 10SM CLR 05/M04 A2996 RMK AO2 SLP146

4/001 T00501039 10094 20044 56010 \$=

METAR 270353Z 00000KT 10SM FEW075 08/M04 A2997 RMK AO2 SLP151

T00781044 \$=

METAR 270253Z 00000KT 10SM FEW075 09/M03 A2999 RMK AO2 SLP156

T00891033 56017 \$=

TAF 270525Z 2706/2812 35005KT P6SM SKC=

PMDY -MDY - MIDWAY NAF-HENDERSON FIELD

06/24 7800

METAR 270456Z AUTO 14003KT 10SM CLR 20/12 A2986 RMK AO2 SLP111

T02000117=

METAR 270356Z AUTO 28004KT 10SM CLR 21/12 A2985 RMK AO2 SLP110

T02060117=

METAR 270256Z AUTO 00000KT 10SM CLR 20/11 A2985 RMK AO2 SLP109

T02000111 57006=

TAF 270530Z 2706/2806 VRB06KT P6SM VCSH SCT030 OVC050=

RJCC -CTS - SAPPORO

01L/19R 9843 01R/19L 9843

SPECI 270548Z 18010KT 2400 -SN FEW004 SCT006 BKN008 01/00

Q1006

RMK 1ST004 3ST006 7ST008 A2973=

SPECI 270537Z 17012KT 1800 -SN FEW005 BKN007 BKN010 01/00

Q1006

RMK 1ST005 5ST007 7ST010 A2973=

METAR 270530Z 17013KT 2000 -SN FEW005 SCT007 BKN010 01/M00

Q1006=

METAR 270530Z 17013KT 2000 -SN FEW005 SCT007 BKN010 01/M00

Q1006

RMK 1ST005 4ST007 6ST010 A2973=

SPECI 270518Z 17019KT 2300 -SN FEW005 SCT009 BKN025 01/M00

Q1007

RMK 1ST005 3ST009 7NS025 A2974=

METAR 270500Z 17015KT 3100 -SNRA FEW015 BKN030 02/M02 Q1007

RMK

1ST015 7NS030 A2974=

TAF 262300Z 2623/2805 15006KT 9999 SCT090

TEMPO 2623/2704 15016G29KT 8000 -SHSNRA BR SCT020

FM270400 16015G27KT 9000 -RA BR OVC035

TEMPO 2706/2708 3000 -SN BR OVC018

FM271200 15008KT 5000 -RA BR SCT012 OVC018

FM271400 16007KT 4500 -RA BR SCT008 OVC018

FM271900 VRB03KT 3000 -RA BR OVC008

TEMPO 2719/2723 2500 -SHRA BR SCT003 OVC006

FM272300 21004KT 5000 BR OVC003

FM280200 09007KT 5000 BR OVC003

RMK WSI/AT=

RPLL -MNL - MANILA/NINOI AQUINO

06/24 11529 13/31 7379

METAR 270500Z 11007KT 050V180 9999 FEW025 BKN100 33/24 Q1007

NOSIG RMK A2974=

METAR 270400Z 13008KT 080V170 9999 FEW025 BKN100 32/24 Q1008

NOSIG RMK A2977=

METAR 270300Z 10008KT 9999 FEW025 BKN100 32/24 Q1009 NOSIG RMK

A2980=

TAF 270500Z 2706/2812 14008KT 9999 FEW025 SCT100 TX34/2706Z

TN27/2721Z

TEMPO 2706/2712 -SHRA FEW023CB BKN100
BECMG 2716/2718 10005KT=

WBKK -BKI - KOTA KINABALU

02/20 1240Z

METAR 270530Z VRB03KT 9999 FEW014 30/27 Q1006 NOSIG=

METAR 270500Z VRB03KT 9999 FEW014 30/27 Q1007 NOSIG=

METAR 270430Z VRB03KT 9999 FEW014 30/27 Q1007 NOSIG=

TAF 270500Z 2706/2806 35006KT 9999 FEW014

BECMG 2710/2712 11006KT=

UHHH -KHV - KHABAROVSK

05L/23R 11483 05R/23L 13123

SPECI 270545Z 02008MPS 4200 -SHSN BKN009 OVC016CB M00/M03

Q1002

R88/290045 NOSIG RMK QFE746/0994=

METAR 270530Z 02007MPS 6000 -SHSN BKN012CB M00/M04 Q1002

R88/290045 NOSIG RMK QFE746/0994=

METAR 270500Z 02008MPS 6000 -SHSN BKN020CB M00/M05 Q1002

R88/290045 NOSIG RMK QFE746/0994=

SPECI 270442Z 03007MPS 5000 -SHSN OVC019CB M01/M04 Q1002

R88/290045 NOSIG RMK QFE746/0994=

METAR 270430Z 03007MPS 1800 R05R/1600U SHSN OVC016CB M01/M04

Q1002 R88/290045 NOSIG RMK QFE746/0994=

TAF 270449Z 2706/2812 04007MPS 2500 -SHSN SCT006 BKN016CB

TEMPO 2706/2721 08007G12MPS 0800 +SHSN BLSN SCT004

OVC016CB=

WBSB -BWN - BRUNEI

03/21 1200Z

METAR 270530Z 34010KT 9999 SCT015 FEW016CB BKN300 31/26 Q1006

NOSIG=

METAR 270500Z 34006KT 9999 SCT015 FEW016CB BKN300 31/26 Q1007

NOSIG=

METAR 270430Z 32005KT 9999 FEW015 BKN300 32/25 Q1008 NOSIG=

TAF 270500Z 2706/2812 34008KT 9999 FEW015 FEW016CB

BECMG 2715/2717 10003KT FEW005=

CYQQ -YQQ - COMOX

36/18 4970 12/30 9960

SPECI 270550Z 33005KT 2 1/2SM SHRA BR BKN003 OVC020 10/09

A2955 RMK SF5SC3 DENSITY ALT 29FT VIS VRB 1 1/2-4 CIG VRB 2-4

SLP008=

SPECI 270529Z 05007KT 2 1/2SM +SHRA BR FEW006 OVC021 10/09

A2955 RMK SF2SC6 DENSITY ALT 56FT VIS VRB 1 1/2-4 SLP007=

SPECI 270525Z 05007KT 4SM SHRA BR FEW006 BKN021 OVC055 10/09

A2955 RMK SF2SC4SC2 DENSITY ALT 57FT SLP009=

METAR 270500Z 01005KT 10SM -SHRA SCT006 BKN021 OVC060 10/09

A2955 RMK SF3SC3SC2 DENSITY ALT 42FT SLP008=

SPECI 270450Z 36004KT 280V010 10SM -SHRA BKN006 BKN020 OVC070

10/09 A2955 RMK SF5SC1AC2 DENSITY ALT 69FT SLP008=

METAR 270400Z 31004KT 280V010 8SM -SHRA FEW011 SCT060 BKN075

OVC140 10/09 A2957 RMK SC1SC3AC1AC3 DENSITY ALT 4FT SLP015=

SPECI 270352Z 35003KT 310V070 5SM -SHRA BR FEW011 BKN060

OVC075 10/09 A2957 RMK SC1SC5AC3 DENSITY ALT -8FT SLP015=

SPECI 270318Z 01002KT 3SM +SHRA BR FEW011 BKN060 OVC075 10/09

A2959 RMK SC1SC6AC2 DENSITY ALT 18FT SLP021=

METAR 270300Z 25004KT 230V310 20SM -SHRA FEW011 BKN060 OVC080

10/08 A2959 RMK SC1SC5AC3 DENSITY ALT -9FT SLP021=

TAF 270540Z 2706/2812 VRB03KT 6SM -SHRA BR SCT006 BKN020

OVC060

TEMPO 2706/2714 2SM -SHRA BR OVC006
FM271400 14010KT P6SM FEW008 SCT020 BKN040 TEMPO 2714/2718
P6SM
-SHRA
FM271800 14012G22KT P6SM FEW025 BKN040
FM280400 14005KT 4SM -SHRA BR FEW008 SCT015 OVC030
RMK NXT FCST BY 271200Z=

PACD -CDB - COLD BAY
08/26 4900 15/33 10179
METAR 270553Z AUTO 34009KT 10SM OVC016 M02/M06 A3034 RMK AO2
SLP274 T10221061 11022 21022 50001 TSNO=
METAR 270453Z AUTO 33009KT 10SM OVC015 M02/M06 A3034 RMK AO2
SLP275 T10221056 TSNO=
METAR 270353Z AUTO 35015KT 10SM OVC015 M02/M06 A3033 RMK AO2
SLP272 T10221056 TSNO=
TAF 270520Z 2706/2806 34013KT P6SM OVC015
FM271400 33015G22KT 4SM -SHSN OVC015
FM272200 33020G30KT P6SM BKN025=

PASY -SYA - EARECKSON AS
10/28 10004
METAR 270455Z AUTO M 10SM M 04/ M RMK AO2 SLPNO FZRANO \$=
METAR 270355Z AUTO M 10SM M 05/01 M RMK AO2 SLPNO T00510013
FZRANO
\$=
METAR 270255Z AUTO M 10SM M 06/ M RMK AO2 SLPNO FZRANO \$=
TAF 262200Z 2622/2804 18010KT 9999 SCT035 BKN200 QNH3045INS
BECMG 2702/2703 17010G15KT 9999 SCT015 BKN020 QNH3050INS
TX07/2719Z TN02/2711Z LIMITED METWATCH 2702 TIL 2717=

RJAW -IWO - IWO-JIMA
07/25 8694
METAR 270500Z 10012KT 9999 FEW025 23/19 Q1014 RMK 1CU025
A2995=
METAR 270400Z 09012KT 070V130 9999 FEW025 23/19 Q1014 RMK
1CU025
A2996=
METAR 270300Z 10015KT 9999 FEW025 22/18 Q1014 RMK 1CU025
A2997=
TAF 261800Z 2618/2800 08004KT 9999 SKC
FM262200 09009KT 9999 SKC
FM270600 10010KT 9999 SKC
FM271500 14005KT 9999 SCT025
RMK LTD AMD SKED
WSI/JP=

PAKN -AKN - KING SALMON
36/18 4017 12/30 8901
METAR 270454Z 27004KT 10SM CLR M02/M06 A3014 RMK AO2 SLP208
T10171056=
METAR 270354Z 29007KT 10SM CLR 01/M06 A3014 RMK AO2 SLP207
T00061061=
METAR 270254Z 33007KT 10SM CLR 01/M07 A3014 RMK AO2 SLP208
T00111067 58009=
TAF 270520Z 2706/2806 33004KT P6SM SCT050 BKN080
FM270900 32006KT P6SM VCFG SCT004
FM272100 34010G20KT P6SM SCT040 BKN060=

RJOI -IWK - IWAKUNI
02/20 8007

SPECI 270550Z 19017KT 9999 FEW012 SCT025 BKN060 20/16 A2961
RMK
AO2 SLP026 PIREP 0535Z CLD BASE 021=
METAR 270456Z 20012KT 9999 FEW012 BKN028 BKN055 21/16 A2962
RMK
AO2 SLP031 T02060156=
METAR 270356Z 00000KT 9000 HZ FEW010 BKN020 OVC055 18/15 A2966
RMK AO2 SHRAE12 SLP043 P0001 T01780150=
METAR 270256Z 15003KT 6000 -SHRA SCT010 BKN025 OVC050 17/13
A2970
RMK AO2 SHRAB48 SLP057 P0001 60001 T01720133 58012=
TAF 270500Z 2705/2805 20009KT 8000 HZ VCSH SCT010 BKN015
OVC030
QNH2952INS
TEMPO 2707/2710 1600 TSRA SCT003 BKN005CB
FM271000 18012G20KT 3200 -SHRA BR SCT005 BKN008 OVC020
520006 QNH2948INS
FM271500 24009KT 4000 BR VCSH SCT008 BKN015 OVC030 500000
QNH2950INS
FM271800 30008KT 4800 BR SCT010 BKN030 BKN050 QNH2954INS
FM280000 32012KT 9999 SCT015 BKN050 BKN150 510006
QNH2964INS T21/2705Z T15/2721Z=

RCSS -TSA - TAIPEI-SUNGSAN

10/28 8547
SPECI 270533Z VRB03KT 9999 FEW025 36/24 Q1003 WS R28 NOSIG
RMK 31009KT/R10 A2963=
METAR 270530Z VRB03KT 9999 FEW025 36/23 Q1003 NOSIG RMK
31009KT/R10 A2963=
SPECI 270528Z VRB03KT 9999 FEW025 36/22 Q1003 NOSIG RMK
31009KT/R10 A2963=
METAR 270500Z VRB03KT 9999 FEW025 35/22 Q1004 NOSIG RMK
A2965=
METAR 270430Z 32005KT 270V070 9999 FEW025 SCT200 34/21 Q1004
NOSIG RMK A2966=
TAF 270500Z 2706/2806 28005KT 9999 FEW015 BKN032
TEMPO 2706/2710 09008KT
BECMG 2720/2722 09005KT FEW010 BKN022 BKN040
TEMPO 2722/2802 10010KT 4000 RA SCT006 BKN012
TEMPO 2803/2806 FEW015 BKN032=

ZJHK -HAK - HAIKOU

09/27 11811 10/28 11811
METAR 270500Z 21004MPS 170V240 CAVOK 33/21 Q1004 NOSIG=
METAR 270400Z 18005MPS 140V220 CAVOK 32/21 Q1005 NOSIG=
METAR 270300Z 20004MPS 140V230 CAVOK 30/20 Q1006 NOSIG=
TAF 270309Z 2706/2812 18003MPS 8000 SCT020 TX36/2706Z
TX35/2806Z
TN21/2721Z
TEMPO 2706/2712 SCT020 FEW026CB
BECMG 2806/2807 SCT020 FEW023CB
TEMPO 2807/2812 TSRA=

VVTS -SGN - HOCHIMINH/TANSONNHAT

07L/25R 10007 07R/25L 12559
METAR 270530Z 15007KT 080V230 9999 SCT040 33/21 Q1006 NOSIG=
METAR 270500Z 18007KT 130V220 9999 SCT038 32/22 Q1007 NOSIG=
METAR 270430Z 20006KT 150V310 9999 SCT037 32/22 Q1007 NOSIG=
TAF 270500Z 2706/2812 15009KT 9999 SCT017=

UHMM -GDX - MAGADAN/SOKOL

10/28 11325

METAR 270530Z 10004MPS 9999 BKN029CB M03/M08 Q1012 R10/85//63
NOSIG RMK MT OBSC QFE744 R28/13003MPS=
METAR 270500Z 09003MPS 8000 -SHSN OVC022CB M03/M06 Q1012
R10/85//63 NOSIG RMK MT OBSC QFE744 R28/14003MPS=
METAR 270430Z 08005MPS 5000 2200E -SHSN OVC022CB M03/M06 Q1012
R10/85//63 TEMPO 3000 -SHSN RMK MT OBSC QFE744 R28/13005MPS=
TAF 270442Z 2706/2812 10005G12MPS 3100 -SHSN OVC020CB TEMPO
2706/2712 1500 SHSN OVC013CB FM271200 02003G08MPS 9999 SCT033
TEMPO
2712/2812 3100 -SN BR FEW005 BKN018=

PR 270448Z SFO UA /OV KSFO/TM 0448/FL030/TP A321/SK BKN/RM
BASES REPORTED 3000 FEET ON APPROACH FOR RWY 19.

PR 270434Z ARP UAL196 2500N 14420E 0434 F320 TB LIGHT SK IC RM
B738 OV SAGOP MOSTLY SMOOTH OCNL LIGHT

PR 270434Z ARP UAL196 2500N 14420E 0434 F320 TB LIGHT SK IC RM
B738 OV SAGOP MOSTLY SMOOTH OCNL LIGHT

KZOA - - OAKLAND
KZSE - - SEATTLE
WS 270525Z - TURB
VALID: 2025-03-27 05:25:00+00 UNTIL 2025-03-27 09:00:00+00
INTENSITY: MDT TYPE: CAT
LEVEL: FL060 - FL160
MOVEMENT: E AT 30 KTS
MDT TURB FROM SPEED SHEAR WITH OCEAN STORM. SIGMET UPDATES FPG.
UPDATE BASED OFF PRIPES.
AREA: 30SE EUG - 45E LKV - 70NW ENI - 110S HEMLO
ID: 44286 (WSI/K.P.)

KZOA - - OAKLAND
KZSE - - SEATTLE
KZLC - - SALT LAKE CITY
WS 270454Z - TURB
VALID: 2025-03-27 04:54:00+00 UNTIL 2025-03-27 09:00:00+00
INTENSITY: MDT TYPE: CAT
LEVEL: FL320 - FL400
MOVEMENT: E AT 45 KTS
MDT TURB ALONG JET CAUSING HORIZONTAL WIND SHEAR
AREA: 45E PDX - 30SSW BOI - 20SSE ALCOA - 40N130W
ID: 44259 (WSI/K.P.)

KZOA - - OAKLAND
KZSE - - SEATTLE
FP 270039Z TWC FPG - TURB
VALID: 2025-03-27 12:00:00+00 UNTIL 2025-03-27 15:00:00+00
INTENSITY: OCNL MDT TYPE: CAT
LEVEL: FL110 - FL210
VERTICAL WIND SHEAR
CONVECTIVELY INDUCED
AREA: 45SE ENI - 75E EUG - 35W OTH - 55N ALCOA - 50WNW SFO
ID: 43348 (WSI/JPB)

KZAK - - OAKLAND OCEANIC
FP 270442Z TWC FPG - CONV
VALID: 2025-03-28 00:00:00+00 UNTIL 2025-03-28 03:00:00+00
TYPE: TS
COVERAGE: SCT-BKN; LEVEL: FL260 - FL310

AREA: 23N186E - 20N180E - 22N179E - 24N185E
ID: 44028 (WSI/AVF)

PAZA - - ANCHORAGE ARCTIC
UHMM - - MAGADAN
BGGL - - NUUK FIR
CZEG - - EDMONTON
UEEE - - YAKUTSK
ULLL - - ST PETERSBURG
UNKL - - KRASNOYARSK
XX02 - -

FP 251820Z TWC FPG - OZNE
VALID: 2025-03-27 12:00:00+00 UNTIL 2025-03-27 18:00:00+00
TYPE: OZNE
LEVEL: FL360 - FL600
EXPECT CABIN OZONE AT/ABOVE 0.25PPM...UNFILTERED ACFT ONLY
AREA: 88N225E - 80N190E - 77N111E - 86N360E - 88N182E
ID: 37980 (WSI/GA)

RJJJ - - FUKUOKA
WS 270355Z - CONV
VALID: 2025-03-27 03:55:00+00 UNTIL 2025-03-27 06:00:00+00
TYPE: TS
COVERAGE: BKN; LEVEL: FL320 - FL400
MOVEMENT: ESE AT 15 KTS
BROKEN COVERAGE OF TSTORMS AHEAD OF UPPER ENERGY. REPLACES
SIGMET 43187.
AREA: 33N130E - 31N129E - 40E DOVAG - 40SW BUBDO
ID: 43800 (WSI/K.P.)

RJJJ - - FUKUOKA
RKRR - - INCHEON
WS 270253Z - CONV
VALID: 2025-03-27 02:53:00+00 UNTIL 2025-03-27 06:00:00+00
TYPE: TS
COVERAGE: BKN; LEVEL: FL360 - FL430
MOVEMENT: ESE AT 15 KTS
BKN THUNDERSTORMS ALONG COLD FRONT.
AREA: 41N139E - 37N130E - 36N133E - 90NW NIKON
ID: 43673 (WSI/K.P.)

RJJJ - - FUKUOKA
RKRR - - INCHEON
WS 270253Z - TURB
VALID: 2025-03-27 02:53:00+00 UNTIL 2025-03-27 07:00:00+00
INTENSITY: MDT TYPE: CAT
LEVEL: FL320 - FL400
MOVEMENT: E AT 45 KTS
MDT TURB WITH SPLIT FLOW
AREA: 36N129E - 33N130E - 190ESE GULEG - 25ENE IXE
ID: 43674 (WSI/K.P.)

RJJJ - - FUKUOKA
FP 262353Z TWC FPG - TURB
VALID: 2025-03-27 09:00:00+00 UNTIL 2025-03-27 12:00:00+00
INTENSITY: MDT TYPE: CAT
LEVEL: FL270 - FL350
HORIZONTAL WIND SHEAR
AREA: 40N161E - 140SW PASRO - 30SSW PUGAL - 38N157E - 39N161E
ID: 42427 (WSI/JPB)

RPHI - - MANILA
FP 270321Z TWC FPG - CONV
VALID: 2025-03-27 18:00:00+00 UNTIL 2025-03-27 21:00:00+00
TYPE: TS
COVERAGE: SCT-BKN; LEVEL: FL420 - FL470
AREA: 12N129E - 10N129E - 10N125E - 12N125E
ID: 43746 (WSI/TN)

WBFC - - KOTA KINABALU FIR
WAAF - - UJUNG PANDANG
FP 262246Z TWC FPG - CONV
VALID: 2025-03-27 09:00:00+00 UNTIL 2025-03-27 12:00:00+00
TYPE: TS
COVERAGE: SCT-BKN; LEVEL: FL440 - FL490
AREA: 06N118E - 02N116E - 03N114E - 07N116E
ID: 42778 (WSI/B.V.)

WMFC - - KUALA LUMPUR
WIIF - - JAKARTA
FP 270439Z TWC FPG - CONV
VALID: 2025-03-27 21:00:00+00 UNTIL 2025-03-28 00:00:00+00
TYPE: TS
COVERAGE: SCT-BKN; LEVEL: FL380 - FL480
AREA: 04N099E - 03N102E - 02N102E - 04N098E
ID: 43976 (WSI/AVF)

WIIF - - JAKARTA
FP 270321Z TWC FPG - CONV
VALID: 2025-03-27 15:00:00+00 UNTIL 2025-03-27 18:00:00+00
TYPE: TS
COVERAGE: SCT-BKN; LEVEL: FL420 - FL470
AREA: 04S103E - 06S103E - 05S099E - 03S099E
ID: 43691 (WSI/TN)

WSJC - - SINGAPORE
WIIF - - JAKARTA
WMFC - - KUALA LUMPUR
FP 270444Z TWC FPG - TURB
VALID: 2025-03-27 18:00:00+00 UNTIL 2025-03-27 21:00:00+00
INTENSITY: OCNL MDT TYPE: CAT
LEVEL: FL280 - FL370
HORIZONTAL WIND SHEAR
AREA: 01S104E - 05S100E - 03S096E - 03N101E - 01N104E
ID: 44120 (WSI/AVF)

UHHH - - KHABAROVSK
ZBPE - - BEIJING
ZMUB - - ULAANBAATAR
ZYSH - - SHENYANG
FP 251820Z TWC FPG - OZNE
VALID: 2025-03-27 12:00:00+00 UNTIL 2025-03-27 18:00:00+00
TYPE: OZNE
LEVEL: FL360 - FL600
EXPECT CABIN OZONE AT/ABOVE 0.25PPM...UNFILTERED ACFT ONLY
AREA: 45N105E - 49N122E - 50N129E - 45N124E - 44N108E
ID: 37989 (WSI/GA)

CZVR - - VANCOUVER
PAZA - - ANCHORAGE
PAZA - - ANCHORAGE ARCTIC
PAZA - - ANCHORAGE OCEANIC

FP 270533Z TWC FPG - TURB
VALID: 2025-03-27 15:00:00+00 UNTIL 2025-03-27 18:00:00+00
INTENSITY: OCNL MDT TYPE: CAT
LEVEL: FL240 - FL320
VERTICAL WIND SHEAR
TERRAIN INDUCED
AREA: 60WSW YYD - 45WSW LINGO - 60SW NUDGE - 30NNE YZT - 65S
YYD
ID: 44301 (WSI/K.P.)

RCAA - - TAIPEI
RJJJ - - FUKUOKA
RKRR - - INCHEON
ZSHA - - SHANGHAI
FP 270449Z TWC FPG - CONV
VALID: 2025-03-27 15:00:00+00 UNTIL 2025-03-27 18:00:00+00
TYPE: TS
COVERAGE: SCT-BKN; LEVEL: FL360 - FL430
AREA: 31N125E - 28N126E - 28N120E - 30N119E
ID: 43858 (WSI/K.P.)

UAL1

OPERATIONAL FLIGHTPLAN PG 1/7 PRTD 27MAR25 0616.53

UAL001-2627MAR25KSFO/SFOOUT0540Z/2240L OFF0609Z/2309L

N27958/3958B789WSSS/SINON2251Z/0651L IN2300Z/0700L

WIND27060028000015:42/00:10EVRT13RTNG18RLSE03

RLSD IFR TO WSSS/SIN

B343 FUEL RESERVES FOR FLAG AND SUPPLEMENTAL OPERATIONS

MEL ITEM INFO

DISPATCHER REMARKS

APU ETOPS VERIFICATION SHOULD BE COMPLETED ON INBOUND FLT

CHC MOD TURB FL310-FL400 AMAKR TO NATTE/ETE -0:45

CHC RPM TURB AROUND 39N160E/ETE 7:34

SCT/BKN CONV ACT FL420-FL520 AROUND 13N130E/ETE 12:10

NO SECURITY/VOLCANIC ISSUES FOR ROUTE

CONTINUED AT END OF OFF

SYSTEM INFO

VIA OPTIMIZED-KZAK/RJJJ UPR (S OF TRK J)

180 MINUTE ETOPS

COLDST ENRT FUEL TEMP M19C (---) (N3554.5 E15546.3) 8:07/3881NM

IA:KSFO-KPDX-EA:PANC-PMDY-RJCC-RPLL-IA:RPLL-WBKK-WSSS

FLIGHT IS NOT ENROUTE TERRAIN LIMITED

ACF90=19/ACF99=31 SAMPLE=488 AVGBDE=06 STDEV=11

ROUTING

DIST7604WC T0 DRAG/FF0/+0.9FECO-196 USD/1K

CI106 OPTD F280 NATTE/F320 47N40/F340 49N70/F360 31E50/F380

BN/F400 KEXAS/F160

FMS INIT LOAD

KSFO/WSSS

ARPT REF POINT N3737.1 W12222.5

F280/M38 (P02) TROP F388

TOC KSFO+93NM

ZFW347091 / 354911T

TOW553680 / 561500S

LW363800 / 425000S

TOW PARAMETERS

R10L T13 A3003 W180/10 HW05

XW09 F10 DRY AI/ANTI-ICE OFF

AC/ L11870

LW PARAMETERS

R02L T26 A2974 W010/08 HW08

XW02 F30 DRY AI/E AC/ON ENRT

ICE ACCR L13123

NO REDISPATCH POINT

INTENDED DEST

WSSS/SIN	15:42	189880			
FAR	00:30	4400			
ACF90	00:19	2890			
WSAP/QPG	00:13	2650			
N/A	00:00	0			
ADD	00:00	0			
CF	00:00	0			
UNSL	00:00	0			
MIN T/O	16:44	199820			
EXTRA	00:44	6768			CAPT
CAPT	00:00	0			
N/A	00:00	0			DOM
PLAN T/O	17:28	206589			MIN
TAXI	00:29	1470			SIGNED
PLAN GATE	17:57	208059			
REMF	01:49	16709			

CI120	-00:00	174	LCL APT	DIST	TIME	FUEL
CI0	00:21	-915	WMKJ	26	00:09	2227
PER 1K		343	WMKK	161	00:36	6786

UAL1OPERATIONAL FLIGHTPLAN PG 2/7 PRD 27MAR25 0616.53

UAL001-2627MAR25 N27958/3958B789VRT 13 RTNG 18 RLSE 03

DEP INFO

CLEARANCE

OFP

(FPL-UAL1-IS

-B789/H-SADE3GHIJ1J2J4J5M1P2RWXYZ/LB1D1

-KSFO0630

-N0500F280 DCT AMAKR DCT LINUZ DCT NATTE/M085F320 DCT ZANNG

DCT 47N140W DCT 49N150W/M085F340 DCT 50N160W DCT

49N170W/M085F360 DCT 47N180E DCT 44N170E DCT 39N160E DCT

31N150E DCT 22N140E/M085F380 DCT 13N130E/N0496F380 DCT BN DCT

ZAM/N0490F400 A341 VSN W461 BRU M646 TOMAN KARTO2A

-WSSS1542 WSAP

-PBN/A1B1C1D1L1O1S2T1 NAV/Z1 RNP2 DAT/1FANSER2PDC SUR/A2 260B

RSP180 CANMANDATE DOF/250327 REG/N27958 EET/KZSE0029 KZAK0045

RJJJ0659 KZAK1044 RPHI1209 WBFC1345 WIIF1454 WSJC1536 SEL/CDQR

CODE/A2CB13 PER/D RALT/PANC PMDY RJCC RPLL RMK/TCAS MALAYSIA

CAAMAT05700924 INDONESIA AU013379DJPUDAU2024 SINGAPORE

INDONESIAAU013379DJPUDAU2024)

TKOF ALTNDISTTIMEFUEL

00:000

OVERFLIGHT PERMITS

PHILIPPINESAPPROVED

MALAYSIACAAM AT 0570 09 24

INDONESIAAU 013 37 9 DJPU DAU 2024

SINGAPOREINDONESIA AU 013 37 9 DJPU DAU 2024

ARWYPOSITION

COORDINATES

NAME

MC

DIST

TC/TH

EST

TIME

ET

MOR

ATA

FL

TROP

MACH

SAT

GS/TAS

WIND

ZBO

FUEL

FMS POSN VERIFIED

KSFO 13 FT

N3737.1 W12222.5

SAN FRANCISCO IN

---/---

0

7604

0

0:00

S099

M849

M39

486/486

272/013

1470

206589

R10L

(T/C)

N3850.4 W12335.2

308

300

322/314

93

7511

17

0:17

090

F280

F388

M38

---/---

236/071

8677

197911

RVSM ALTIMETER CHECK

R10L

AMAKR

N3900.0 W12345.0

AMAKR

308

300

321/313

13

7498

1

0:18

090

F280

F388

M844

M38

496/504

236/071

406

197506

ENTERING FIR: KZSE SEATTLE (UNITED STATES)

UAL1		OPERATIONAL FLIGHTPLAN PG 3/7 PRTD 27MAR25 0616.53									
UAL001-26		27MAR25		N27958/3958		B789		VRT 13		RTNG 18	RLSE 03
ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO	
COORDINATES		MH			ET	ATA	TROP	SAT	WIND	FUEL	
NAME		TC/TH									
DCT	LINUZ	309	203		24	090	F280	M841	504/500	6343	
N4139.4 W12630.0		298	7295		0:42		F337	M40	222/101	191163	
LINUZ		322/311									
ENTERING FIR: KZAK OAKLAND OCEANIC (USA OCEANIC)											
DCT	NATTE	300	20		3	011	F280	M839	492/499	633	
N4153.6 W12649.3		289	7275		0:45		F336	M40	222/101	190530	
NATTE		315/304									
DCT	(T/C)	300	32		4	011	F320	---	---/---	1530	
N4216.0 W12720.0		300	7243		0:49		F294	M44	222/071	189000	
		315/315									
DCT	ZANNG	300	160		19	011	F320	M848	509/501	4555	
N4405.6 W12958.7		295	7083		1:08		F274	M43	212/049	184445	
ZANNG		314/309									
ETOPS WX / EOK MSG											
ETOPS ENTRY KPDX 1:26 6925NM N4512.1 W13320.5 179992											
ENTERING CLASS II AIRSPACE											
MAGNETIC COMPASS DEVIATION CHECK											
GROSS NAV ERROR CHECK											
IRU RANKING OR NAV SOURCE VALIDATION											
OCEANIC ATC CLEARANCE (Atlantic Only)											
HF FREQ PRI_____ SEC_____											
HF CHECK											
SELCAL CHECK											
EMERGENCY FREQ 121.5 / 123.45											
SLOP IN											
TRANSPONDER (As Required)											
DCT	47N40	281	457		54	011	F320	M850	489/492	12829	
N4700.0 W14000.0		286	6626		2:02		F320	M52	018/043	171617	
N47 00 W140 00		296/301									
DCT	(T/C)	274	292		36	011	F340	---	---/---	8212	
N4829.1 W14652.2		272	6334		2:38		F316	M51	254/022	163404	
		290/288									
DCT	49N50	269	128		16	011	F340	M849	474/493	3602	
N4900.0 W15000.0		272	6206		2:54		F316	M51	254/022	159802	
N49 00 W150 00		285/288									
DCT	50N60	266	395		51	011	F340	M850	463/491	11151	
N5000.0 W16000.0		268	5811		3:45		F320	M53	318/037	148651	
N50 00 W160 00		283/285									
DCT	49N70	251	395		52	011	F340	M850	457/482	10908	
N4900.0 W17000.0		253	5416		4:37		F359	M61	300/033	137743	
N49 00 W170 00		265/267									

OPERATIONAL FLIGHTPLAN PG 4/7 PRTD 27MAR25 0616.53

UAL001-26		27MAR25		N27958/3958		B789		VRT 13		RTNG 18		RLSE 03	
ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO			
COORDINATES		MH			ET	ATA	TROP	SAT	WIND	FUEL			
NAME		TC/TH											
DCT	(T/C)	249	13		1	011	F360	---	---/---	509			
N4857.1 W17019.2		249	5403		4:38		F362	M62	290/021	137233			
		257/257											
CP-1 PANC-1183/PMDY-1189 5:07 N4759.5 W17540.6 131411/44963													
DCT	47E80	249	407		53	011	F360	M846	471/479	10611			
N4700.0 E18000.0		247	4996		5:31		F362	M62	196/016	126623			
N47 00 E180 00		257/255											
DCT	44E70	246	458		56	011	F360	M849	489/487	11369			
N4400.0 E17000.0		245	4538		6:27		F346	M56	130/007	115253			
N44 00 E170 00		251/250											
CP-2 PMDY-1156/RJCC-1107 6:48 N4233.9 E16646.6 111214/39141													
ENTERING FIR: RJJJ FUKUOKA (JAPAN OCEANIC AREA)													
DCT	39E60	237	541		67	011	F360	M849	490/483	13126			
N3900.0 E16000.0		244	3997		7:34		F360	M60	336/054	102127			
N39 00 E160 00		240/247											
DCT	31E50	230	687		84	011	F360	M852	488/489	15959			
N3100.0 E15000.0		237	3310		8:58		F393	M56	316/057	86168			
N31 00 E150 00		229/236											
DCT	(T/C)	230	520		64	011	F380	---	---/---	12573			
N2455.3 E14259.9		230	2790		10:02		F574	M50	300/063	73595			
		227/227											
CP-3 RJCC-1217/RPLL-1207 10:27 N2229.2 E14029.2 68857/43334													
DCT	22E40	226	241		30	011	F380	M851	479/496	5677			
N2200.0 E14000.0		236	2549		10:32		F568	M50	298/054	67918			
N22 00 E140 00		224/234											
ENTERING FIR: KZAK OAKLAND OCEANIC (USA OCEANIC)													
ENTERING FIR: RPHI MANILA (PHILIPPINES)													
DCT	13E30	231	786		97	011	F380	M851	498/496	17692			
N1300.0 E13000.0		232	1763		12:09		F527	M50	332/008	50226			
N13 00 E130 00		228/229											
ETOPS EXIT RPLL 12:28 1604NM N1112.8 E12758.9 46824													
EXITING CLASS II AIRSPACE													
GROSS NAV ERR CHECK EXITING CLASS 2													
SLOP OUT													
DCT	BN D112.50	230	360		43	107	F380	M853	513/497	7604			
N0857.1 E12529.0		229	1403		12:52		F552	M50	074/018	42622			
BUTUAN		228/227											
DCT	(T/C)	241	134		15	120	F400	---	---/---	2919			
N0748.6 E12332.6		239	1269		13:07		F521	M54	092/025	39703			
		240/238											

UAL1 OPERATIONAL FLIGHTPLAN PG 5/7 PRTD 27MAR25 0616.53													
UAL001-26		27MAR25		N27958/3958		B789		VRT 13		RTNG 18		RLSE 03	
ARWY	POSITION		MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO		
COORDINATES		MH		ET		ATA	TROP	SAT	WIND	FUEL			
NAME		TC/TH											
DCT	ZAM D113.90		240	103		13	076	F400	M850	511/491	2090		
N0655.5 E12203.3		239	1166	13:20		F521	M54	092/025	37613				
ZAMBOANGA		239/238											
A341	PILAS		257	25		2	045	F400	M848	519/490	494		
N0649.3 E12139.0		255	1141	13:22		F567	M54	102/033	37119				
PILAS		256/254											
A341	ANKUR		257	40		5	043	F400	M848	519/490	791		
N0639.5 E12100.1		256	1101	13:27		F567	M54	100/032	36328				
ANKUR		256/255											
ENTERING FIR: WBFC KOTA KINABALU FIR (MALAYSIA)													
A341	VIMAG		257	152		18	043	F400	M850	525/491	2974		
N0601.6 E11832.6		254	949	13:45		F533	M54	110/042	33354				
VIMAG		256/253											
A341	VSN D114.00		256	29		3	040	F400	M850	524/491	564		
N0554.2 E11804.5		254	920	13:48		F533	M54	110/042	32789				
SANDAKAN		255/253											
W461	ANKOB		253	38		4	072	F400	M850	522/491	741		
N0542.7 E11728.0		249	882	13:52		F521	M54	114/043	32049				
ANKOB		253/249											
W461	ARAVI		253	22		3	072	F400	M850	522/491	428		
N0535.9 E11706.8		250	860	13:55		F521	M54	114/043	31621				
ARAVI		252/249											
W461	OSTAN		253	30		3	110	F400	M850	527/491	578		
N0526.7 E11638.4		249	830	13:58		F521	M54	112/048	31043				
OSTAN		252/248											
W461	REKOS		253	59		7	110	F400	M850	527/490	1133		
N0508.5 E11542.1		249	771	14:05		F546	M55	112/050	29910				
REKOS		252/248											
W461	BRU D112.00		253	51		6	101	F400	M852	532/491	968		
N0452.5 E11453.1		249	720	14:11		F559	M55	108/052	28942				
BRUNEI		252/248											
M646	BRU50		248	50		5	101	F400	M852	530/491	952		
N0434.6 E11406.1		245	670	14:16		F561	M55	108/052	27990				
BRU50		249/246											
M646	SAKMA		249	28		3	101	F400	M852	531/491	531		
N0424.5 E11339.9		246	642	14:19		F558	M55	106/052	27459				
SAKMA		249/246											

UAL1		OPERATIONAL FLIGHTPLAN PG 6/7 PRTD 27MAR25 0616.53									
UAL001-26		27MAR25		N27958/3958		B789		VRT 13		RTNG 18	RLSE 03
ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO	
COORDINATES		MH			ET	ATA	TROP	SAT	WIND	FUEL	
NAME		TC/TH									
M646	DARMU	249	63		8	028	F400	M852	529/491	1197	
N0401.7 E11240.6		246	579		14:27		F560	M55	104/048	26261	
DARMU		249/246									
ENTERING FIR: WIIF JAKARTA (INDONESIA)											
M646	KAMIN	249	241		27	030	F400	M852	533/491	4553	
N0234.7 E10855.6		245	338		14:54		F560	M55	108/056	21709	
KAMIN		249/245									
M646	SABIP	249	70		8	024	F400	M852	533/491	1305	
N0209.7 E10750.7		245	268		15:02		F561	M55	108/057	20404	
SABIP		249/245									
M646	ESPIT	249	26		3	022	F400	M852	535/491	481	
N0200.2 E10726.4		244	242		15:05		F566	M55	108/059	19923	
ESPIT		249/244									
M646	OBL0T	249	48		5	028	F400	M852	536/491	886	
N0142.9 E10641.8		244	194		15:10		F567	M55	108/061	19037	
OBL0T		249/244									
M646	VENUN	249	30		3	021	F400	M852	533/491	556	
N0132.1 E10613.9		244	164		15:13		F567	M55	112/060	18481	
VENUN		249/244									
M646	(T/D)	248	6		1	021	F400	M852	533/491	119	
N0129.9 E10608.3		245	158		15:14		F567	M55	112/060	18362	
		249/246									
M646	TOMAN	249	23		3	021	DSC	---	---/---	106	
N0121.8 E10547.3		247	135		15:17		F567	---	---/---	18256	
TOMAN		249/247									
R02L	KARTO	232	18		2	011	DSC	---	---/---	79	
N0111.4 E10533.7		232	117		15:19		F567	---	---/---	18177	
KARTO		233/233									
R02L	GUNUD	269	28		4	011	DSC	---	---/---	128	
N0110.7 E10506.3		269	89		15:23		F559	---	---/---	18049	
GUNUD		269/269									
R02L	(T/D)	269	30		4	024	F160	M671	434/431	465	
N0110.0 E10437.3		271	59		15:27		F559	M02	036/006	17584	
		269/271									
ENTERING FIR: WSJC SINGAPORE (SINGAPORE)											
R02L	WSSS 22 FT	287	59		15	034	DSC	---	---/---	875	
N0121.6 E10359.4		023	0		15:42		F562	---	---/---	16709	
SINGAPORE/CHANGI		287/023									

UAL001-26

27MAR25

N27958/3958

B789

VRT 13

RTNG 18

RLSE 03

RTNG TO WSAP/QPG

ARWY	POSITION	MC	DIST		TIME	MOR	FL	MACH	GS/TAS	ZBO
COORDINATES		MH		EST	ET	ATA	TROP	SAT	WIND	FUEL
NAME		TC/TH								
	WSSS 22 FT	---	0		0	---	---	M455	196/212	0
N0121.6 E10359.4		---	42		0:00		F559	P18	276/020	16709
SINGAPORE/CHANGI		---/---								
SID	VTK D116.50	030	4		2	034	CLB	---	---/---	1080
N0124.9 E10401.3		024	38		0:02		F561	---	---/---	15629
TEKONG (SINGAPOR		030/024								
DCT	(T/C)	243	2		0	034	F050	---	---/---	328
N0124.0 E10359.5		---	36		0:02		F561	P19	276/021	15300
		244/---								
DCT	(T/D)	243	21		5	034	F050	M455	285/303	765
N0121.3 E10354.2		---	15		0:07		F561	P19	276/021	14535
		243/---								
IAL	WSAP 65 FT	360	15		6	034	DSC	---	---/---	476
N0121.3 E10354.2		247	0		0:13		F561	---	---/---	14059
SINGAPORE/PAYA L		360/247								

LDG INFO

DISPATCHER REMARKS (continued from page 1)

SOLAR G2--NO HF ISSUES REPORTED

RLS 2 FOR T/O RWY 10L

RLS 3 FOR DELETED MEL 4900A