



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

December 7, 2020

Attachment 6 – Southwest Flight 278 Weather Packet

OPERATIONAL FACTORS/HUMAN PERFORMANCE

DCA19IA036

Weather Packet

Flight Details

Flight 278, KOAK - KBUR	
Alternates	
Take Off	NONE
Landing	KLAS, KONT
Driftdown	NONE
ETOPS	NONE

Destination Weather KBUR : BUR : BOB HOPE

Surface Observations

KBUR 061453Z 32003KT 4SM RA BR FEW003 SCT026 OVC049 09/09
A2985 RMK A02 SLP103 P0020 60063 T00940094 58002
SPECI KBUR 061440Z 26005KT 4SM +RA BR FEW003 SCT026 OVC049 09/09
A2985 RMK A02 P0016 T00940094
KBUR 061353Z 31005KT 5SM RA BR FEW015 SCT025 OVC049 09/09
A2986 RMK A02 SLP104 P0020 T00940094

DATIS

BUR ATIS INFO F 1453Z. 31003KT 4SM RA BR FEW003 SCT026 OVC049 09/09 A2985 (TWO NINER EIGHT FIVE). ILS RWY 8 APCH IN USE. ARVNG AND DEPG RWY 8 AND RWY 15. READBACK ALL RWY HOLD SHORT INSTRUCTIONS. NOTAMS... RWY 8 CONDITION CODES, 5 5 5 AT 0130Z, RWY 15 CONDITION CODES, 5 5 5 AT 1338Z. HAZD WX INFO FOR BUR AREA AVBL FM *HIWAS OR FSS. ...ADVS YOU HAVE INFO F.

Terminal Forecasts

TAF AMD KBUR 061420Z 0614/0712 VRB03KT 5SM -SHRA SCT015 OVC040
FM061600 VRB03KT 4SM -SHRA BKN015 OVC025
FM061900 12008KT 6SM -SHRA BKN025 OVC035
FM070300 VRB03KT P6SM -SHRA BKN025 OVC040
FM070800 VRB03KT P6SM BKN050

Departure Weather KOAK : OAK : METROPOLITAN OAKLAND INTL

Surface Observations

KOAK 061453Z 03008KT 10SM SCT045 OVC065 11/03 A2994 RMK A02
SLP138 T01110028 53009
KOAK 061353Z 05009KT 10SM OVC065 12/03 A2993 RMK A02 SLP133
T01170033

DATIS

OAK ATIS INFO Y 1453Z. 02008KT 10SM SCT045 OVC065 11/03 A2994 (TWO NINER NINER FOUR). ILS & VA RWYS 30 AND 28R. CTC CD FOR FLOW TO LAX, LAS, PHX, SAN, SFO CALL 5 MINS PRIOR TO PUSH/TAXI. CAUTION, BIRDS NEAR AIRPORT. ...ADVS YOU HAVE INFO Y.

Terminal Forecasts

TAF KOAK 061136Z 0612/0718 13004KT P6SM SCT040 BKN070
FM061500 VRB04KT P6SM SCT060 OVC100
FM062100 29006KT P6SM SKC
FM070300 33004KT P6SM FEW200

Alternate Weather

Landing Alternate KLAS : LAS : MC CARRAN INTL

Surface Observations

KLAS 061456Z 03003KT 10SM SCT046 BKN060 OVC080 09/M02 A3003
RMK A02 SLP167 T00891017 53014
KLAS 061356Z 08006KT 10SM BKN050 OVC060 08/M02 A3001 RMK A02

Weather Packet : Alternate Weather : Landing Alternate KLAS : LAS : MC CARRAN INTL : Surface Observations

SLP160 T00831017

DATIS

LAS ATIS INFO P 1456Z. 02003KT 10SM SCT046 BKN060 OVC080 09/M02 A3003 (THREE ZERO ZERO THREE)
RMK A02 SLP167 53014. VISUAL APPROACHES IN USE. LANDING RWYS 26L AND 19R. DEPG RWYS 26R, 19R
AND 19L. SIMUL APCHS TO CROSSING AND PARALLEL RUNWAYS IN USE, CONVERGING RUNWAY OPERATIONS IN
EFFECT. NOTAMS... TWY C CLSD BTN TWY B7 AND TWY G TWY G CLSD BTN TWY B AND TWY W TWY Z CLSD
BTN TWY W AND TWY B. RY 26L MALSF ON LOW INTENSITY CONS. GC COMBINED ON 121.1, HELICOPTOR
CONTROL OPEN ON 123.82. ...ADVS YOU HAVE INFO P.

Terminal Forecasts

TAF AMD KLAS 061454Z 0615/0718 VRB04KT P6SM SCT050 OVC060
FM061700 07005KT P6SM VCSH OVC050
TEMPO 0623/0703 -SHRA BKN040
FM070300 19005KT P6SM -SHRA BKN040 OVC050
FM070800 24005KT P6SM VCSH BKN040 OVC050

Landing Alternate KONT : ONT : ONTARIO INTERNATIONAL**Surface Observations**

KONT 061453Z 05011KT 10SM -RA BKN047 BKN070 OVC090 12/07 A2988
RMK A02 RAB32 SLP118 VIS LWR W-N P0000 60000 T01170072 53006 \$
KONT 061353Z 13005KT 10SM FEW049 OVC060 12/08 A2987 RMK A02
SLP114 T01220083 \$

DATIS

ONT ATIS INFO G 1453Z. 04011KT 10SM -RA BKN047 BKN070 OVC090 12/07 A2988 (TWO NINER EIGHT
EIGHT) RMK VIS LWR W-N P0000 60000 53006. ILS APR IN USE., RY26L & RY26R. LNDG AND DEPG RY 26L
AND RY 26R. NOTAMS... RWY 08L PAPI OTS. WIND SHEAR ADZYS ARE IN EFCT. HAZD WX INFO FOR
CALIFORNIA . AVBL FM HIWAS OR FSS. PILOTS READBACK ALL RUNWAY ASSIGNMENTS. READBACK ALL RWY
HOLD SHORT INSTRUCTIONS. ...ADVS YOU HAVE INFO G.

Terminal Forecasts

TAF KONT 061132Z 0612/0718 06005KT P6SM -SHRA SCT030 BKN040
FM061800 09008KT P6SM SHRA SCT030 BKN050
TEMPO 0620/0624 4SM RA BR BKN025
FM070100 VRB05KT P6SM VCSH SCT030 BKN050
FM070500 VRB04KT P6SM SCT030 BKN040
FM071200 VRB04KT P6SM SCT030 SCT040

Destination Information KBUR : BUR : BOB HOPE**RAFTs**

KBUR B737-700, B737-800, B737-7, B737-8
Effective 2018-12-06 12:05Z to 2018-12-07 12:05Z
0.30 available 12:05Z to 12:05Z
except for 02:58Z to 02:59Z
0.20 available 12:05Z to 12:05Z
except for 02:53Z to 02:59Z

Field Conditions

Airport Remark:
08 (Runway)
Braking Action: 5-Good, Surface Condition: Wet
Remark:
Observed at 2018-12-06 14:07Z by Other

15 (Runway)
Braking Action: 5-Good, Surface Condition: Wet
Remark:
Observed at 2018-12-06 14:07Z by Other

Taxiway (Taxiway)
Braking Action: 5-Good, Surface Condition: Wet
Remark:
Observed at 2018-12-06 14:07Z by Other

WN Ramp Area (Ramparea)
Braking Action: 5-Good, Surface Condition: Wet

Weather Packet : Destination Information KBUR : BUR : BOB HOPE : Field Conditions

Remark:
Observed at 2018-12-06 14:07Z by Other

Station Information

No Company NOTAMs issued

D NOTAMs

!BUR 12/011 BUR TWY C TWY DIRECTION SIGN FOR TWY C6 LGT OUT OF SERVICE 1812060944-1812080700

!BUR 12/010 BUR RWY 15 FICON 5/5/5 100 PCT WET OBS AT 1812060131. 1812060131-1812070131

!BUR 12/009 BUR RWY 08 FICON 5/5/5 100 PCT WET OBS AT 1812060130. 1812060130-1812070130

!BUR 12/005 BUR NAV ILS RWY 08 LOC INSIDE 0.9NM UNUSABLE PLUS SEE
U.S. CHART SUPPLEMENT 1812031543-PERM

!BUR 10/028 BUR OBST TOWER LGT (ASR 1015702) 341029.00N1182437.00W (3.0NM WSW BUR) 979.0FT
(308.1FT AGL) OUT OF SERVICE 1810221634-1901102359

!BUR 10/026 BUR OBST TOWER LGT (ASR 1015704) 341024.00N1182438.00W (3.0NM WSW BUR) 979.0FT
(308.1FT AGL) OUT OF SERVICE 1810221633-1901102359

!BUR 10/027 BUR OBST TOWER LGT (ASR 1015703) 341026.00N1182438.00W (3.0NM WSW BUR) 979.0FT
(308.1FT AGL) OUT OF SERVICE 1810221633-1901102359

VOR NOTAMs

!VCV 06/003 VCV NAV DME OUT OF SERVICE 1806061455-1903062100EST

FDC NOTAMs

!FDC 8/6547 BUR SID BOB HOPE, BURBANK, CA.
VAN NUYS THREE DEPARTURE...
AVENAL TRANSITION, GORMAN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS,
GMN VOR OUT OF SERVICE. 1812060347-1901060347EST

!FDC 8/6510 BUR SID BOB HOPE, Burbank, CA.
VAN NUYS THREE DEPARTURE...
FILLMORE TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS.
AVENAL TRANSITION AND GORMAN TRANSITION: DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS,
FIM VOR OUT OF SERVICE. 1812060248-1901060248EST

!FDC 8/7702 BUR IAP BOB HOPE, Burbank, CA.
ILS Y OR LOC Y RWY 8, AMDT 6...
DISREGARD NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1027. NOTE:
CIRCLING TO RWY 33 NA AT NIGHT FOR CAT D.
1809111909-1904231909EST

!FDC 8/7703 BUR IAP BOB HOPE, Burbank, CA.
ILS Z OR LOC Z RWY 8, AMDT 39...
CIRCLING CAT A MDA 1280/HAA 502. DISREGARD NOTE: AUTOPILOT COUPLED
APPROACH NA BELOW 1027. NOTE: CIRCLING TO RWY 33 NA AT NIGHT FOR
CAT D.
1809111909-1904231909EST

!FDC 8/7704 BUR IAP BOB HOPE, Burbank, CA.
RNAV (GPS) Z RWY 8, AMDT 2...
LNAV MDA 1660/HAT 933. CIRCLING CATS A/B MDA 1660/HAA 882. NOTE:
CIRCLING TO RWY 33 NA AT NIGHT FOR CAT D.
1809111909-1904231909EST

!FDC 8/7705 BUR IAP BOB HOPE, Burbank, CA.
RNAV (GPS)-A, ORIG...
CIRCLING CATS A/B MDA 1860/HAA 1082, CIRCLING CAT B VIS 1 1 /2.
ALTERNATE MINIMUMS CAT A/B 1100-2. NOTE: CIRCLING TO RWY 33 NA AT
NIGHT FOR CAT D.
1809111909-1904231909EST

!FDC 8/7706 BUR IAP BOB HOPE, Burbank, CA.
VOR RWY 8, AMDT 12...
NOTE: CIRCLING TO RWY 33 NA AT NIGHT FOR CAT D.
1809111909-1904231909EST

Weather Packet : Destination Information KBUR : BUR : BOB HOPE : FDC NOTAMS

!FDC 8/7707 BUR IAP BOB HOPE, Burbank, CA.
RNAV (RNP) Y RWY 8, AMDT 2...
RNP 0.20 DA* 1068/HAT 341. DISREGARD NOTE: WHEN CIRCLING TO RWY 8
NA AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE
GLIDEPATH UNTIL THRESHOLD. ADD NOTE: STRAIGHT-IN RWY 8 AT NIGHT,
OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE GLIDEPATH UNTIL
THRESHOLD..
1809111909-1904231909EST

!FDC 8/1040 BUR SID BOB HOPE, Burbank, CA.
ELMOO EIGHT DEPARTURE...
TAKE-OFF MINIMUMS: RWY 08, STANDARD WITH MINIMUM CLIMB OF 380 FT
PER NM TO 2500.
ALL OTHER DATA REMAINS AS PUBLISHED. 1806081250-1901181250EST

Military NOTAMS

No Military NOTAMS issued.

C NOTAMS

No C NOTAMS issued.

PIREPs

SDB UA /OV GMN150020 /TM 1449 /FL120 /TP B350 /IC IC LGT RIME M02/RM AWC-WEB:
LAX UA /OV POM /TM 1417 /FL110 /TP A321 /TB MOD CHOP /RM ZLAWC AWC-WEB:
LAX UA /OV POM /TM 1430 /FL290 /TP A320 /TB MOD/RM AWC-WEB:
SDB UA /OV PMD /TM 1433 /FL280 /TP CRJ7 /TB MOD/RM AWC-WEB:
SDB UA /OV PMD /TM 1453 /FL310 /TP CRJ9 /TB MOD/RM AWC-WEB:
EDW UA /OV 10 E PMD/TM 1501/FL1400/TP B737/WX RA/TB LGT/IC NEG
LAX UA /OV LAX070045/TM 1435/FL170/TP B738/TB MOD 170 - 080 DURD /IC TRACE RIME
LAX UA /OV LAX070050 /TM 1414 /FL130 /TP B757 /TA 02 /IC LGT RIME /RM ZLAWC AWC-WEB:
LAX UA /OV VTU260015 /TM 1437 /FL080 /TP TBM /IC IC LGT RIME/RM AWC-WEB:

Departure Information KOAK : OAK : METROPOLITAN OAKLAND INTL

RAFTs

KOAK B737-700, B737-800, B737-7, B737-8
Effective 2018-12-06 12:05Z to 2018-12-07 12:05Z
0.30 available 12:05Z to 12:05Z
except for 03:01Z to 03:03Z
0.15 available 12:05Z to 12:05Z
except for 02:39Z to 03:03Z
except for 03:59Z to 04:15Z
0.11 available 12:05Z to 12:05Z
except for 02:11Z to 02:14Z
except for 02:39Z to 03:03Z
except for 03:38Z to 04:30Z

Field Conditions

Airport Remark:
28R (Runway)
Braking Action: 6-Dry, Surface Condition: None
Remark: Birds near Airport
Observed at 2018-12-06 11:50Z by Airport Operations

30 (Runway)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2018-12-06 11:50Z by Airport Operations

Taxiway (Taxiway)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2018-12-06 11:50Z by Airport Operations

Weather Packet : Departure Information KOAK : OAK : METROPOLITAN OAKLAND INTL : Field Conditions

WN Ramp Area (Ramparea)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2018-12-06 11:50Z by Airport Operations

Station Information

No Company NOTAMs issued

D NOTAMs

!OAK 12/027 OAK AIRSPACE UAS WI AN AREA DEFINED AS .25NM RADIUS OF OAK036003 SFC-250FT AGL 1812061700-1812062000

!OAK 11/031 OAK AIRSPACE UAS WI AN AREA DEFINED AS .44NM RADIUS OF 374149.06N1220041.60W (5.9NM NE HWD) SFC-400FT AGL DLY SR-SS 1811071438-1911090106

!OAK 10/137 OAK OBST TOWER LGT (ASR 1045042) 374334.10N1221348.00W (0.5NM NW OAK) 139.1FT (126.0FT AGL) OUT OF SERVICE 1810171702-1812132359

VOR NOTAMs

No VOR NOTAMs issued.

FDC NOTAMs

!FDC 8/6301 OAK SID METROPOLITAN OAKLAND INTL,
Oakland, CA.
SALAD FIVE DEPARTURE...
DEPARTURE PROCEDURE DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS,
SAC VORTAC OUT OF SERVICE. 1812061500-1812132021EST

!FDC 8/6304 OAK SID METROPOLITAN OAKLAND INTL,
Oakland, CA.
SILENT ONE DEPARTURE...
SACRAMENTO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS,
SAC VORTAC OUT OF SERVICE. 1812061500-1812132021EST

!FDC 8/0710 OAK IAP METROPOLITAN OAKLAND INTL,
Oakland, CA.
ILS RWY 12 (SA CAT 1), AMDT 8A ...
S-ILS 12 VISIBILITY RVR 1400 ALL CATS. 1811261553-2011261553EST

Military NOTAMs

No Military NOTAMs issued.

C NOTAMs

No C NOTAMs issued.

PIREPs

No PIREPs issued.

Alternate Information

Landing Alternate KLAS : LAS : MC CARRAN INTL

RAFTs

KLAS B737-700, B737-800, B737-7, B737-8
Effective 2018-12-06 12:05Z to 2018-12-07 12:05Z
0.30 available 12:05Z to 12:05Z

Field Conditions

Airport Remark:
19L (Runway)

Weather Packet : Alternate Information : Landing Alternate KLAS : LAS : MC CARRAN INTL : Field Conditions

Braking Action: 6-Dry, Surface Condition: None

Remark:

Observed at 2018-12-06 12:56Z by ATC

19R (Runway)

Braking Action: 6-Dry, Surface Condition: None

Remark: GOOD MORNING FROM LAS!

Observed at 2018-12-06 12:56Z by ATC

26L (Runway)

Braking Action: 6-Dry, Surface Condition: None

Remark: RAMP CONTROL AND CLEARANCE COMBINED ON 119.9

Observed at 2018-12-06 12:56Z by ATC

26R (Runway)

Braking Action: 6-Dry, Surface Condition: None

Remark:

Observed at 2018-12-06 12:56Z by ATC

Taxiway (Taxiway)

Braking Action: 6-Dry, Surface Condition: None

Remark:

Observed at 2018-12-06 12:56Z by ATC

WN Ramp Area (Ramparea)

Braking Action: 6-Dry, Surface Condition: None

Remark:

Observed at 2018-12-06 12:56Z by ATC

Station Information

No Company NOTAMs issued

D NOTAMs

!LAS 12/013 LAS RWY 26L ALS OUT OF SERVICE EXC LOW INTST ON CONS 1812051747-1812122100EST

!LAS 12/006 LAS TWY D BTN TWY S AND TWY V CLSD TO ACFT WINGSPAN MORE THAN 135FT TUE-FRI 1200-2000 1812041200-1812072000

!LAS 12/007 LAS TWY Z BTN TWY D AND TWY G2 CLSD TO ACFT WINGSPAN MORE THAN 135FT TUE-FRI 1200-2000 1812041200-1812072000

!LAS 11/035 LAS TWY Z BTN TWY W AND TWY B CLSD 1811261230-1905301700

!LAS 11/040 LAS TWY B BTN TWY A6 AND RWY 01R/19L CLSD TO ACFT WINGSPAN MORE THAN 135FT 1811261230-1905301700

!LAS 11/043 LAS TWY D BTN RWY 08L/26R AND TWY W CLSD TO ACFT WINGSPAN MORE THAN 135FT 1811261230-1902051230

!LAS 11/041 LAS TWY A7 BTN RWY 08L/26R AND TWY B CLSD TO ACFT WINGSPAN MORE THAN 135FT 1811261230-1905301700

!LAS 11/042 LAS TWY A8 BTN RWY 08L/26R AND TWY B CLSD TO ACFT WINGSPAN MORE THAN 135FT 1811261230-1905301700

!LAS 11/046 LAS TWY G BTN TWY B AND TWY W CLSD 1811261230-1901041800

!LAS 11/047 LAS TWY C BTN TWY B7 AND TWY G CLSD 1811261230-1901041800

!LAS 11/027 LAS OBST CRANE LGT (ASN 2018-AWP-138-OE) 360637N1150851W (1.8NM NE LAS) 2218FT (180FT AGL) OUT OF SERVICE 1811131543-1812152359

VOR NOTAMs

!CEZ 12/003 CEZ NAV VOR OUT OF SERVICE 1812061500-1812061900

!GUP 11/027 GUP NAV TACAN OUT OF SERVICE 1811301805-1812062000EST

!PRC 12/007 TBC NAV VOR NOT MNT 1812020313-1812122100EST

!TPH 09/003 TPH NAV VORTAC NOT MNT 1809121357-1903272100EST

FDC NOTAMs

Weather Packet : Alternate Information : Landing Alternate KLAS : LAS : MC CARRAN INTL : FDC NOTAMS

!FDC 8/4163 LAS SID MC CARRAN INTL, Las Vegas, NV.
COWBY EIGHT DEPARTURE (RNAV)...
GALLUP TRANSITION: GPS REQUIRED,
GUP TACAN OUT OF SERVICE. 1811300153-1812300153EST

!FDC 8/3671 LAS ODP MC CARRAN INTL, Las Vegas, NV.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...
TAKEOFF OBSTACLE NOTES: RWY 1R, TEMPORARY CRANE 4649 FT FROM DER,
171 FT LEFT OF CENTERLINE, 180 FT AGL/2218 FT MSL
(2018-AWP-138-OE). ALL OTHER DATA REMAINS AS PUBLISHED.
1811291616-1907111615EST

!FDC 8/1144 LAS STAR MCCARRAN INTL LAS VEGAS, NV.
CRESO FOUR STAR...
MINIMUM ENROUTE ALTITUDE, SARAS TO WHIGG, 10000FT
1811071645-1911072359

!FDC 8/2738 LAS STAR LAS VEGAS MCCARRAN INTL, LAS VEGAS, NV.
SUNST FOUR ARRIVAL...
ADD NOTE: ALL OTHER RWYS, EXPECT RADAR VECTORS TO FINAL APCH
COURSE 1808202130-1908202130

!FDC 8/8088 LAS STAR VEGAS MCCARRAN INTL AIRPORT, LAS VEGAS, NV.
KEPEC SIX ARRIVAL
DAG VORTAC - MISEN INT MEA 16000.
ADD NOTE: ALL OTHER RUNWAYS, EXPECT RADAR VECTORS TO FINAL APPROACH
COURSE.

1802091530-1901032359

!FDC 8/3837 LAS STAR MC CARRAN INTERNATIONAL AIRPORT LAS VEGAS, NV.
GRNPA TWO ARRIVAL... PROCEDURE NOT AUTH.
1801312200-1901032359

!FDC 8/3838 LAS STAR MC CARRAN INTERNATIONAL AIRPORT LAS VEGAS, NV.
KADDY TWO ARRIVAL... PROC FOR TURBOJET ACFT ONLY.
1801312200-1901032359

Military NOTAMS

No Military NOTAMS issued.

C NOTAMS

No C NOTAMS issued.

PIREPs

LAS UA /OV LAS/TM 1414/FL070/TP B737/TB LIGHT CHOP/RM BASES 072 TOPS 125

LAS UA /OV WYNN/TM 1511/FL120/TP A320/TA -10/IC LR ICING

1503Z
Location BLD FL350
Temp -46.1C
Wind 61KT @ 229

1506Z
Location BLD FL330
Temp -46.7C
Wind 54KT @ 226

Landing Alternate KONT : ONT : ONTARIO INTERNATIONAL

RAFTs

KONT B737-700, B737-800, B737-7, B737-8
Effective 2018-12-06 12:05Z to 2018-12-07 12:05Z
0.30 available 12:05Z to 12:05Z

Field Conditions

Airport Remark:
26L (Runway)
Braking Action: 5-Good, Surface Condition: None

Weather Packet : Alternate Information : Landing Alternate KONT : ONT : ONTARIO INTERNATIONAL : Field Conditions

Remark:

Observed at 2018-12-06 12:16Z by Southwest Airlines Flights

Station Information

No Company NOTAMs issued

D NOTAMs

!ONT 12/011 ONT TWY J NORTH 500FT CLSD 1812051952-1904161600

!ONT 12/006 ONT RWY 08L PAPI OUT OF SERVICE 1812050815-1812072359EST

!ONT 12/005 ONT TWY N BTN TWY F AND TWY D SOUTH EDGE IRREGULAR SFC 1812050111-1812072359

!ONT 11/040 ONT APRON SOUTH CARGO RAMP S 600FT CLSD 1811280800-1812192200

!ONT 10/049 ONT TWY M DECOMMISSIONED 1810171345-PERM

VOR NOTAMs

No VOR NOTAMs issued.

FDC NOTAMs

!FDC 8/6552 ONT SID ONTARIO INTL, Ontario, CA.
POMONA NINE DEPARTURE...
AVENAL TRANSITION, GORMAN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS,
GMN VOR OUT OF SERVICE. 1812060347-1901060347EST

!FDC 8/1467 ONT STAR ONTARIO INTL AIRPORT, ONTARIO, CA
GLRNO TWO ARRIVAL...
PROCEDURE NOT AUTH.
1810111700-1910112359

!FDC 8/0079 ONT SID ONTARIO INTL, Ontario, CA.
POMONA NINE DEPARTURE ...
SHAFTER TRANSITION: TOOBD TO EHF VORTAC COURSE 317 (EHF R-137).
ALL OTHER DATA REMAINS AS PUBLISHED. 1805211842-1812311842EST

Military NOTAMs

No Military NOTAMs issued.

C NOTAMs

No C NOTAMs issued.

PIREPs

LAX UA /OV LAX070045/TM 1435/FL170/TP B738/TB MOD 170 - 080 DURD /IC TRACE RIME

LAX UA /OV LAX070050 /TM 1414 /FL130 /TP B757 /TA 02 /IC LGT RIME /RM ZLAWC AWC-WEB:

LAX UA /OV POM /TM 1417 /FL110 /TP A321 /TB MOD CHOP /RM ZLAWC AWC-WEB:

LAX UA /OV POM /TM 1430 /FL290 /TP A320 /TB MOD/RM AWC-WEB:

EDW UA /OV 10 E PMD/TM 1501/FL1400/TP B737/WX RA/TB LGT/IC NEG

SDB UA /OV PMD /TM 1433 /FL280 /TP CRJ7 /TB MOD/RM AWC-WEB:

SDB UA /OV PMD /TM 1453 /FL310 /TP CRJ9 /TB MOD/RM AWC-WEB:

Enroute Information

SIGMETs

OUTLOOK VALID 061655-062055
FROM 40N LAX-50SW HEC-60WSW BZA-230SW MZB-160WSW RZS-30SSW
RZS-40N LAX
WST ISSUANCES POSS. REFER TO MOST RECENT ACUS01 KWNS FROM STORM
PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.

Weather Packet : Enroute Information : SIGMETs

BACKUP OF AWC DOMESTIC AIRMETS/SIGMETs BY THE AIR FORCE 15TH OWS
/SCOTT AFB/ WILL BE DECEMBER 6TH FROM 15-21Z. AIR FORCE 15TH OWS
COORDINATION NUMBER IS 618-256-1394.

WSI SIGMETs

No WSI SIGMETs issued.

WSI FPGs

WSI FPG: Turbulence
Valid: 2018-12-06 15:00Z until 2018-12-06 18:00Z
Type: CAT Intensity: Light, Occasional Moderate
From FL250 to FL320
Outlook: NC
Area: 60NW TRM - 80NE LAX - 85E AVE - 55NE AVE - 20WSW FRA - 25E MOD - 15W MOD - 25ESE SFO -
35W SNS - 45SW SNS - 80NE AUDIA - 90NE DINTY - 55W NTD - 35SSW NTD - 30S LAX - 45SE LAX - 50N
MZB - 40WNW TRM - 60NW TRM
Discussion: DIRECTIONAL SHEAR
ID: 37791 (WSI/B.V.)

PIREPs

SNS UA /OV SNS100015 /TM 1456 /FLUNKN /TP B737 /TB CONT MOD CHOP 220-310/RM AWC-WEB:

SDB UA /OV GMN150020 /TM 1449 /FL120 /TP B350 /IC IC LGT RIME M02/RM AWC-WEB:

D NOTAMs

!GPS 12/037 ZOA NAV GPS (NTTR GPS 18-13) (INCLUDING WAAS, GBAS, AND
ADS-B) MAY NOT BE AVBL WI A 379NM RADIUS CENTERED AT
371416N1155125W (BTY046050) FL400-UNL,
328NM RADIUS AT FL250,
257NM RADIUS AT 10000FT,
219NM RADIUS AT 4000FT AGL,
160NM RADIUS AT 50FT AGL.
1812070100-1812070900

!GPS 12/035 ZLA NAV GPS (NTTR GPS 18-13) (INCLUDING WAAS, GBAS, AND
ADS-B) MAY NOT BE AVBL WI A 379NM RADIUS CENTERED AT
371416N1155125W (BTY046050) FL400-UNL,
328NM RADIUS AT FL250,
257NM RADIUS AT 10000FT,
219NM RADIUS AT 4000FT AGL,
160NM RADIUS AT 50FT AGL.
1812070100-1812070900

!GPS 11/188 ZLA NAV GPS (WSMR GPS 18-16) (INCLUDING WAAS, GBAS, AND
ADS-B) MAY NOT BE AVBL WI A 338NM RADIUS CENTERED AT
331424N1062147W (TCS085046) FL400-UNL,
297NM RADIUS AT FL250,
213NM RADIUS AT 10000FT,
202NM RADIUS AT 4000FT AGL,
172NM RADIUS AT 50FT AGL.
DLY 0300-1030
1812040300-1812071030

C NOTAMs

No C NOTAMs issued.

Volcanic Ash Advisories

No Volcanic Ash Advisories issued.

Downline Stations KOAK : OAK : METROPOLITAN OAKLAND INTL**Surface Observations**

KOAK 061453Z 03008KT 10SM SCT045 OVC065 11/03 A2994 RMK A02
SLP138 T01110028 53009
KOAK 061353Z 05009KT 10SM OVC065 12/03 A2993 RMK A02 SLP133
T01170033

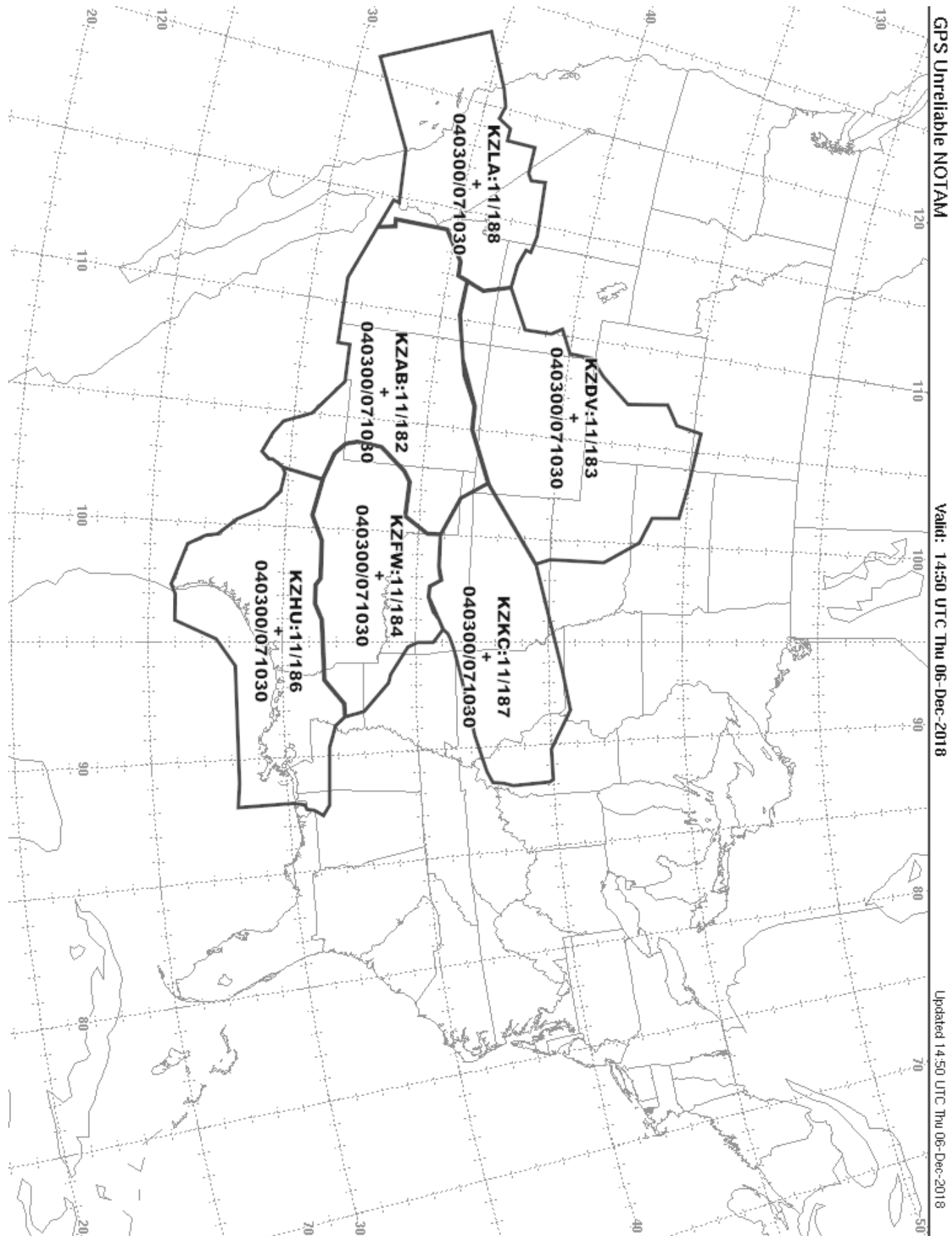
Weather Packet : Enroute Information : Downline Stations KBUR : BUR : BOB HOPE

Downline Stations KBUR : BUR : BOB HOPE**Surface Observations**

KBUR 061453Z 32003KT 4SM RA BR FEW003 SCT026 OVC049 09/09
A2985 RMK A02 SLP103 P0020 60063 T00940094 58002
SPECI KBUR 061440Z 26005KT 4SM +RA BR FEW003 SCT026 OVC049 09/09
A2985 RMK A02 P0016 T00940094
KBUR 061353Z 31005KT 5SM RA BR FEW015 SCT025 OVC049 09/09
A2986 RMK A02 SLP104 P0020 T00940094

Weather Charts

CONUS GPS NOTAM Unreliable

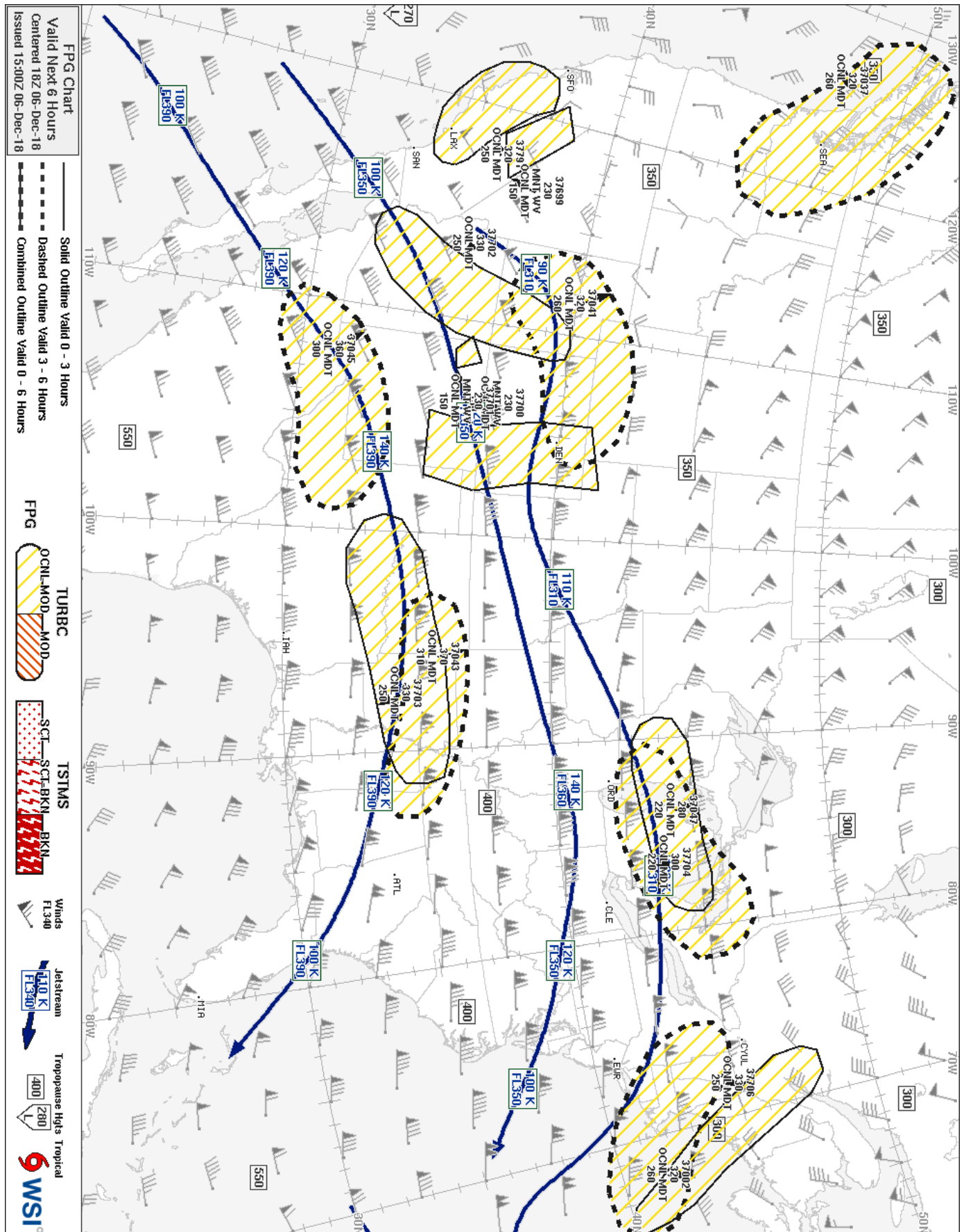


CONUS Radar Summary



Weather Charts : CONUS Radar Summary

CONUS WSI FPGs



Weather Charts : CONUS WSI FPGs

CONUS WSI Sigmets

