

Domestic Dispatch Release
Flight 162 From TPA To PHX

NON STD ROUTE

03/20/12 0433C

JEPP PLAN# 0084

Released IFR TPA(0540C) PHX(1030C) (SEE FILED ROUTE)
.. (1040UTC) (1530UTC)

REMARKS

ADDITIONAL FUEL FOR ENROUTE WX AND TURB. FILED ROUTE OVER MEM & MCI FOR WX AVOIDANCE.

ALTNS: LNDG N/R

FLT#	AC#	ATOG	LM	TP	FP	RWY
162	N247WN	150.1	L	25	40	25R

ICAO:

(FPLSWA/KZMA084-SWA162-IS
-B737/M-DGILORVWZ/S
-KTPA1040
-N0444F380 DCT SZW J41 MGM DCT IGB DCT MEM J41 MCI J24 HYS DCT LAA J102
GUP EAGUL5
-KPHX0423
-NAV/RNVD1E1A1)

NAS:

FP SWA162 B737/Q 444 TPA P1040 380
TPA..SZW.J41.MGM..IGB..MEM.J41.MCI.J24.HYS..LAA.J102.GUP.EAGUL5.PHX/0423
EQP DGILORVWZ SRV S NAV/ RNVD1E1A1

MEL/CDL NO ITEMS

	Fuel	Time	Plan	Structural	Limit
TAXI	0005				
ENROUTE BURN	0221	04:23	OEW	085961	
CONTINGENCY	0059	01:15	PLYD	030600	
ALTERNATE	0000	00:00	ZFW	116600	MZFW 1205
FAR RESERVE	0034	00:45	FOB	031400	MFW 0462

MINIMUM FUEL	0319	06:23	TOW	148000	MTOW 1545

TANKER	0000	00:00	BURN	022100	
PLAN FOB	0319	06:23	LGW	125800	MLGW 1280

PLANNED ARRIVAL FUEL 0093 ESTIMATED MAX QUICK TURN WGT 1618

AVG WIND P001 MXSH 12/LAA FUEL BIAS + 1.7% CRZ C20/W/P
NFUEL BURN ADJUSTMENT FOR 1000LBS DECREASE IN TOW : 0105 LBS

TAKEOFF

WIND	TEMP	QNH	R/W	BLEEDS	ENG A/I	FP	RWY	WT	LMT
CALM	29	29.91	DRY	ON	OFF	1	01L	154.5	STRUC

LANDING

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WIND	TEMP	QNH	R/W	BLEEDS	ENG/WNG	A/I	ICE	FP	RWY	WT	LMT
CALM	25	29.77	DRY	ON	OFF/OFF		NO	40	25R	150.1	STRUC
ENROUTE				APU	ENG A/I						
..				NORM	ON						
SEGMENT								TERRAIN	OVRWGT	WT	ALT
NO LIMITING TERRAIN										154.5	NONE

CAPTAIN _____ SIGNATURE _____
 DISPATCHER ARTHUR HARVEY _____

 ***** END OF RELEASE *****

TO	NM	MC	FL	OAT	TRP	WIND	COM	TAS	G/S	DSTR	TME	TLTM	RMTM	B/O
FRQ/ELEV				D/T	SHR								TRF	TLF
KTPA														
00026FT														
TOC	112	333	36	054	44	28030M022	444	422	1769	018	0/18	4/05	037	
..				P02	002								277	037
SZW	070	333	36	054	44	28030M022	444	422	1699	010	0/28	3/55	008	
117.5				P02	002								269	045
MGM	141	313	36	054	45	27018M014	444	430	1558	020	0/48	3/35	017	
112.1				P02	002								252	062
IGB	134	302	36	054	46	24018M009	443	434	1424	019	1/07	3/16	015	
116.2				P02	001								237	077
MEM	117	318	36	055	39	22027P004	441	445	1307	015	1/22	3/01	013	
117.5				P01	001								224	090
LUKKY	101	311	36	055	39	21030P003	441	444	1206	014	1/36	2/47	011	
..				P01	002								213	101
ZAVEL	012	311	38	060	39	20047P010	440	450	1194	002	1/38	2/45	002	
..				M03	004								211	103
SGF	102	310	38	061	39	19041P022	440	462	1092	013	1/51	2/32	011	
116.9				M04	002								200	114
EUNIK	058	327	38	062	39	18060P051	439	490	1034	007	1/58	2/25	006	
..				M05	003								195	119
SCAWT	010	329	38	062	39	18068P058	439	497	1024	001	1/59	2/24	001	
..				M05	002								194	120
MCI	065	328	38	062	38	18073P061	439	500	0959	008	2/07	2/16	006	
113.25				M05	002								188	126
JUDGE	103	257	38	061	38	18088M022	439	417	0856	015	2/22	2/01	012	
..				M04	003								176	138
SLN	033	257	38	061	38	18103M030	439	409	0823	005	2/27	1/56	004	
117.1				M04	005								172	142
HYS	078	260	38	059	38	18108M019	441	422	0745	011	2/38	1/45	009	
110.4				M02	007								163	151
LAA	165	247	38	052	37	18086M024	448	424	0580	023	3/01	1/22	019	
116.9				P05	012								145	169

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TO	NM	MC	FL	OAT	TRP	WIND	COM	TAS	G/S	DSTR	TME	TLTM	RMTM	B/O
FRQ/ELEV				D/T	SHR								TRF	TLF
ALS	157	240	38	047	32	14024P010		453	463	0423	020	3/21	1/02	016
113.9				P10	003								129	185
RGINA	089	221	38	047	26	35026P012		452	464	0334	012	3/33	0/50	009
"				P10	003								120	195
PUMPS	024	223	38	047	27	35043P016		452	468	0310	003	3/36	0/47	002
"				P10	004								117	197
GUP	073	223	38	048	31	34057P017		451	468	0237	009	3/45	0/38	007
115.1				P09	005								110	204
KIRKM	056	213	38	051	36	34075P024		448	472	0181	007	3/52	0/31	006
"				P06	006								104	210
SLIDR	011	216	38	053	38	34082P026		446	472	0170	002	3/54	0/29	001
"				P04	005								103	211
TINIZ	031	235	38	054	39	34086M005		445	440	0139	004	3/58	0/25	003
"				P03	005								100	214
TOD	003	235	38	055	39	34090M006		444	438	0136	001	3/59	0/24	000
"				P02	005								100	214

1135FT

POINT	LAT-LON	RADIO FREQ	ARINC FREQ	STATION
KTPA	N27585W082320	129.40	131.17	TPA
SZW	N30334W084224	131.70	...	ECP
MGM	N32133W086192	...	130.20	BHM
IGB	N33291W088308	...	...	...
MEM	N35009W089590	...	...	...
LUKKY	N36079W091323	...	...	...
ZAVEL	N36155W091432	...	...	...
SGF	N37214W093200	...	131.30	MCI
EUNIK	N38122W093564	...	...	...
SCAWT	N38207W094025	...	...	...
MCI	N39171W094442	...	...	...
JUDGE	N39012W096551	...	...	...
SLN	N38555W097373	...	...	...
HYS	N38509W099166	...	...	...
LAA	N38118W102413	130.85	130.20	DEN
ALS	N37209W105489	131.70	131.30	ABQ
RGINA	N36278W107178	...	...	...
PUMPS	N36131W107416	...	...	...
GUP	N35286W108524	...	...	...
KIRKM	N34502W109416	...	128.90	PHX
SLIDR	N34425W109514	...	...	...
TINIZ	N34296W110256	...	...	...
PAYSO	N34213W110477	...	...	...
EAGUL	N34079W111050	...	...	...
HOMRR	N33528W111243	...	...	...
SMAAK	N33506W111285	...	...	...
GEENO	N33432W111426	...	...	...
QUENY	N33363W111552	...	...	...
HINEY	N33315W112045	...	...	...
OBASE	N33315W112121	...	...	...
BASBL	N33316W112189	...	...	...
KPHX	N33261W112007	...	...	...

RAIM OUTAGE TIMES:
NO RAIM OUTAGES

COMPANY NOTAMS

GENERAL:

TPA: NONE

PHX: NONE

***** END OF FLIGHT PLAN *****

Weather Package

Flight 162 From TPA To PHX

THE BREAK-EVEN LOAD FACTOR FOR THE 4TH QUARTER WAS 77 PERCENT
THE AVERAGE FUEL PRICE PER GALLON FOR 4TH QUARTER WAS \$3.29

RH

***** TPA ARRIVALS *****

On the DARBS TWO, FOOXX THREE RNAV, LZARD FIVE and
DADES THREE RNAV ARRIVALS, expect the following clearance:

.. CROSS LEGGT (or JAYJA) AT OR BELOW FL270, DESCEND AND MAINTAIN FL240
.. (or assigned lower altitude). If you receive this clearance, ensure
.. you CONTINUE YOUR DESCENT, WITHOUT DELAY, to FL 240 (or assigned lower
.. altitude), after meeting the LEGGT (or JAYJA) restriction. This descent
.. is NOT at Pilots discretion. Failure to comply with this descent
.. clearance may cause loss of separation with traffic and result in Pilot
.. Deviations.

DB

.. ***** PHX GEELA FIVE ARRIVAL *****

The new GEELA FIVE RNAV STAR into PHX contains a significant error in
the database and on paper charts. Descending below 10,000 feet at PUNNT
will take the flight through Luke AFBs airspace. It is critically
important that flights on that STAR comply with the following FDC NOTAM.

FDC 1/4069 (KPHX A1444/11) PHX FI/T GEELA FIVE RNAV STAR....
CROSS PUNNT WAYPOINT AT 10,000 at 230 KNOTS.

**** NOSEWHEEL STEERING BYPASS PIN IMPLEMENTATION ****

Effective March 1, 2012, a nose wheel steering bypass pin will be used for
all Southwest Airlines fleet aircraft. See FOM Bulletin 12-17
(Ground Operations Procedures) for details regarding pin procedures.
See section 14.2 in the -700/-800 FRM and the -300/-500 FRM for
information regarding nose wheel steering and bypass (lockout) pins.

DB

SWIFT WEATHER PACKET 03/20/12, 09:46:51Z

* FLIGHT-SPECIFIC WEATHER PACKAGE
* Flight 162, TPA - PHX

Weather Package

Flight 162 From TPA To PHX

* Alternates

* T/O : NONE
* Landing : NONE/NONE
* Driftdown: NONE
*

ARRIVAL INFORMATION:

SURFACE OBSERVATIONS

METAR KPHX 200851Z 29005KT 10SM CLR 09/M01 A3001 RMK AO2 SLP158
.. T00891006 51010 \$

METAR KPHX 200751Z 00000KT 10SM CLR 08/01 A3000 RMK AO2 SLP156
.. T00830011 \$

*** METAR KPHX 200651Z 29004KT 10SM FEW085 11/M01 A3000 RMK AO2 SLP153
.. T01061011 401440072 \$

PHX ATIS INFO V 0851Z. 28005KT 10SM CLR 09/M01 A3001 (THREE ZERO ZERO ONE).
RWY 26, RWY 25R. EXPECT ILS RWY 26 APCH, VISUAL APCH RWY 26, VISUAL APCH
RWY 25R. SIMUL APCHS IN USE. DEPARTING RWY 25R. NOTAMS... RWY 25L CLSD.
TWY T CLSD. TWY A LGTS OTS. USE CTN, MULT CRANES INVOF AP. ...ADVS YOU
HAVE INFO V.

TERMINAL FORECASTS

TAF AMD KPHX 200855Z 2009/2106 VRB05KT P6SM SKC
.. FM201200 09005KT P6SM SKC
.. FM201900 28007KT P6SM FEW250
.. FM210500 09005KT P6SM FEW250

NOTAMS

PHX 03/070 PHX RWY 7R/25L CLSD 0500-1300 DLY WEF
..1203200500-1203241300
PHX 02/028 PHX RWY 8/26 MEN AND EQUIPMENT WORKING ADJ BTN A1,A12
PHX 11/021 PHX RWY 7R/25L PAEW ADJ TO TWY F, TWY H, RWY 7R/25L BTN
..INT G1,G8
PHX 10/080 PHX RWY 7L PAPI OTS WEF 1110231324
PHX 03/077 PHX NAV ILS RWY 7R OTS WEF 1203230500-1203231300
PHX 03/076 PHX NAV ILS RWY 25L OTS WEF 1203230500-1203231300
PHX 03/069 PHX NAV ILS RWY 7R OTS WEF 1203212000-1203220200
PHX 03/068 PHX NAV ILS RWY 25L LLZ/GP OTS WEF 1203212000-1203220200
PHX 03/066 PHX NAV ILS RWY 8 OTS WEF 1203211100-1203211400
PHX 03/065 PHX NAV ILS RWY 26 OTS WEF 1203211100-1203211400
PHX 03/063 PHX NAV ILS RWY 25L OTS WEF 1203210500-1203211000
PHX 03/062 PHX NAV ILS RWY 7R OTS WEF 1203210500-1203211000
PHX 10/063 PHX NAV ILS RWY 8 LLZ UNUSBL BYD 25 DEGREES LEFT OF
..COURSE
PHX 02/115 PHX COM REMOTE COM OUTLET 122.2/122.6 OTS
PHX 10/051 PHX AD PAEW BTN RWY 7R/25L AND TWY F
PHX 09/020 PHX AD SOLAR PANEL GLARE TEST AT THE EAST AND WEST ENDS
..OF THE AIRPORT- PILOTS NOTICING GLARE AT THE TEST LOCATIONS ARE
..ENCOURAGED TO REPORT TO PHX ATCT
PHX 03/073 PHX SVC TERMINAL AREA RADAR/SECONDARY SURVEILLANCE RADAR
..OTS WEF 1203220500-1203221100

Weather Package

Flight 162 From TPA To PHX

PHX 03/075 PHX OBST FAA NAV EQUIP UNKN 525 W INTXN G3, 117 N TWY F
CNTRLN, 525 W INTXN TWY H3, 113 N TWY H CNTRLN, 130 S TWY F CNTRLN AT
INTXN F11

PHX 02/063 PHX OBST MULTIPLE CRANES/DRILL RIGS UNKN (150 AGL) SOUTH
"TWY S TO SOUTH BRIDGE TO TERMINAL 2 GATE D WEF 1202142103
PHX 12/042 PHX OBST NMRS CRANES 1200 (150 AGL) 1500-2500 NE RWY

8/26 THR

PHX 11/027 PHX OBST NMRS CRANES 1460 (200 AGL) 2540 SE RWY

8/26

PHX 10/072 PHX OBST CRANE 1198 (80 AGL) 680 N RWY 8/26 BETWEEN
INTERSECTIONS A6, A7 (3326N/11200W) WEF 1110241300
PHX 08/098 PHX OBST MULTI CRANES 1385 (250 AGL) NE RWY 7L/25R IN

"EAST ECONOMY PARKING LOT FLAGGED/LGTD

PHX 03/074 PHX TWY T CLSD BTN TWY C AND TWY D WEF 1203200500-1203221300

PHX 02/098 PHX TWY F BTN INT TWY G3 AND TWY G4 CLSD TO ACFT WITH
"WINGSPAN LARGER THAN 135 FT

PHX 02/071 PHX TWY T CAUTION WORK IN PROGRESS TRENCHES AND BARRICADES
"ADJ

PHX 02/027 PHX TWY A MEN AND EQUIPMENT WORKING ADJ BTN A1,A12

PHX 01/139 PHX TWY A,B NON STANDARD MARKINGS

PHX 01/106 PHX TWY T CLSD BTN TWY C,D WINGSPAN OVR 171 WEF
1201241300

PHX 12/001 PHX TWY F, G, H LGTS OTS

PHX 09/054 PHX TWY D CLSD BTN TWY T AND INTXN D9

ACFT WINGSPAN GTR THAN 135

PHX 05/079 PHX TWY C CLSD BTN TWY S,R CLSD ACFT WINGSPAN OVR 171

PHX 05/011 PHX TWY D BTN INT TWY D10,TWY R CLSD WINGSPAN 135 OR

GREATER

UAR 08/012 PHX AIRSPACE BUNTR TWO ARRIVAL ...

APPROACH CONTROL 128.65/353.9

UAR 11/004 PHX PHOENIX SKY HARBOR INTERNATIONAL AIRPORT...

"RIVER VISUAL RWY 25L NA WEF 0111162005

VOR NOTAMS

NONE APPLICABLE

FDC NOTAMS

FDC 2/9922 PHX FI/T SID PHOENIX SKY HARBOR INTL, PHOENIX, AZ
ST. JOHNS FIVE DEPARTURE ... MAXXO ONE DEPARTURE ...

RWY 08, 300-1 WITH A MINIMUM CLIMB OF 350 FT PER NM TO 7000.

NOTE: RWY 08, TEMPORARY CRANE 3983 FT FROM DEPARTURE END OF RWY,
1255 FT RIGHT OF CENTERLINE, 220 FT AGL/1370 FT MSL.

ALL OTHER DATA REMAINS THE SAME.

Weather Package

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FDC 2/9918 PHX FI/T SID PHOENIX SKY HARBOR INTL, PHOENIX, AZ,
STANFIELD TWO DEPARTURE SILOW ONE DEPARTURE MOBIE TWO DEPARTURE
CHILY ONE DEPARTURE BUCKEYE TWO DEPARTURE TAKE-OFF MINIMUMS: RWY
08, 300-1 WITH MINIMUM CLIMB OF 300 FT PER NM TO 7000.
NOTE: TEMPORARY CRANE 3983 FT FROM DER 1255FT RIGHT OF CENTERLINE,
220 FT AGL/1370 FT MSL.

FDC 2/9917 PHX FI/T ODP PHOENIX SKY HARBOR INTL, PHOENIX, AZ.
" TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES...
" TAKE-OFF MINIMUMS: RWY 08, 300-1
" NOTE: RWY 08, TEMPORARY CRANE 3983 FT FROM DER, 1255 FT RIGHT
" OF CENTERLINE, 220 FT AGL/1370 FT MSL.

FDC 2/9887 PHX FI/T SID PHOENIX SKY HARBOR INTL, PHOENIX, AZ, BARGN
(RNAV) ONE DEPARTURE CHEZZ (RNAV) TWO DEPARTURE VANZZ (RNAV) ONE
DEPARTURE TAKE-OFF MINIMUMS: RWY 08, 300-1.
NOTE: RWY 08, TEMPORARY CRANE 3983 FT FROM DER, 1255 FT RIGHT OF
CENTERLINE, 220 FT AGL/1370 FT MSL.

FDC 2/9880 PHX FI/T IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ.
" RNAV (GPS) RWY 25R, AMDT 2A...
" LNAV/VNAV DA 1628/HAT 494 ALL CATS. VISIBILITY 1 5/8 ALL CATS.
" TEMPORARY CRANE 1370 MSL 4176 FT E OF RWY 26.

FDC 2/9722 PHX FI/T SID PHOENIX SKY HARBOR INTL, PHOENIX, AZ,
CHEZZ TWO DEPARTURE ALL TRANSITIONS NA EXCEPT DRYHT TRANSITION.
NOTE: DME/DME/IRU OR GPS REQUIRED.

FDC 2/9656 PHX FI/T SID PHOENIX SKY HARBOR INTL, PHOENIX, AZ, SILOW
ONE DEPARTURE DELETE NOTE: DVC TRANSITION FOR TURBOPROPS ONLY.

FDC 2/8152 PHX FI/P IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ.
" ILS OR LOC RWY 7R, AMDT 2...
" DELETE PLANVIEW NOTE: RADAR REQUIRED FOR SIMULTANEOUS
" APPROACHES.
" CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC
" RWY 8.
" THIS IS ILS OR LOC RWY 7R, AMDT 2A.

FDC 2/8151 PHX FI/P IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ.
" ILS OR LOC RWY 25L, AMDT 1E...
" S-ILS 25L DA 1326/HAT 200 ALL CATS.
" DELETE PLANVIEW NOTE: RADAR REQUIRED FOR SIMULTANEOUS
" APPROACHES.
" CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 26.
" THIS IS ILS OR LOC RWY 25L, AMDT 1F.

FDC 2/6888 PHX FI/T SID PHOENIX SKY HARBOR INTL, PHOENIX, AZ.
CHILY ONE DEPARTURE... BEATTY TRANSITION NA EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BTY VORTAC OTS.

FDC 2/6506 PHX PHOENIX SKY HARBOR INTERNATIONAL AIRPORT AUTOMATIC
DEPENDENT SURVEILLANCE, PILOT ADVISORY SERVICES BROADCAST. EFFECTIVE
JANUARY 31,2012. THE FEDERAL AVIATION ADMINISTRATION (FAA) HAS

Weather Package

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ADOPTED TWO ADS-B DATA LINKS: 1090 MHZ EXTENDED SQUITTER (1090ES) AND 978 MHZ UNIVERSAL ACCESS TRANSCEIVER (UAT). THE TWO LINKS OPERATE SIMILARLY AND SUPPORT TRAFFIC INFORMATION SERVICE-BROADCAST (TIS-B). ADDITIONALLY, THE UAT LINK SUPPORTS FLIGHT INFORMATION SERVICE-BROADCAST (FIS-B). TIS-B SERVICE WILL BE AVAILABLE THROUGHOUT THE NATIONAL AIRSPACE SYSTEM (NAS) WHERE THERE ARE BOTH ADEQUATE SURVEILLANCE COVERAGE (RADAR) AND ADEQUATE BROADCAST COVERAGE FROM ADS-B GROUND STATIONS. FIS-B SERVICE AVAILABILITY IS EXPECTED THROUGHOUT THE NAS IN 2013, AND IS CURRENTLY AVAILABLE WITHIN CERTAIN REGIONS. THIS NOTAM ANNOUNCES THE AVAILABILITY OF THE INITIAL TIS-B AND FIS-B CAPABILITY WITH THE PHOENIX SKY HARBOR INTERNATIONAL PHX AIRSPACE. THE FAA IS DEVELOPING POLICY GUIDANCE MATERIAL ON AUTOMATIC DEPENDENT SURVEILLANCE-BROADCAST (ADS-B), PILOT ADVISORY SERVICES - TIS-B AND FIS-B THAT WILL BE PUBLISHED IN TRADITIONAL SOURCE REFERENCES SUCH AS THE AERONAUTICAL INFORMATION MANUAL (AIM). REPORTS OF TIS-B AND FIS-B MALFUNCTIONS SHOULD BE REPORTED BY RADIO OR TELEPHONE TO THE NEAREST FLIGHT SERVICE STATION (FSS) FACILITY.

FDC 2/5857 PHX FI/P IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ.

.. ILS OR LOC RWY 26, ORIG-D...
.. CHART NOTE: DME REQUIRED.
.. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 2500,
.. THEN CLIMBING RIGHT TURN TO 5000 VIA HEADING 030 AND PXR R-336
.. TO AVENT/PXR 15.9 DME AND HOLD.
.. THIS IS ILS OR LOC RWY 26, ORIG-E.

FDC 2/5854 PHX FI/P IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ.

.. ILS OR LOC RWY 8, ORIG-C...
.. CHART NOTE: DME REQUIRED.
.. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 3000,
.. THEN CLIMBING LEFT TURN TO 5000 VIA HEADING 280 AND PXR R-336 TO
.. AVENT/PXR 15.9 DME AND HOLD.
.. DELETE PLAN AND PROFILE NOTE: 4000 WHEN ASSIGNED BY ATC.
.. DELETE PLAN AND PROFILE NOTE: 3000 WHEN ASSIGNED BY ATC.
.. THIS IS ILS OR LOC RWY 8, ORIG-D.

FDC 2/4662 PHX FI/T IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ.

.. ILS OR LOC RWY 26, ORIG-D...
.. S-LOC 26 MDA 1660/HAT 525. VISIBILITY CAT C 1 1/2. TEMPORARY
.. CRANE 1370 MSL 4176 FT E OF RWY 26.

FDC 1/4069 PHX FI/T GEELA FIVE RNAV STAR ... CROSS PUNNT WAYPOINT AT 10,000 AT 230 KNOTS.

FDC 1/3548 PHX FI/T GEELA FIVE RNAV STAR NOTE: ALL TRANSITIONS: FOR NON-GPS AIRCRAFT, GBN AND BXK DME S MUST BE OPERATIONAL.

PIREPS

NONE AVAILABLE

AVAILABLE LOCAL NOTAMS

Weather Package

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NO LOCAL NOTAM DATA AVAILABLE

FIELD CONDITIONS

CONTACT YOUR DISPATCHER FOR CURRENT FIELD CONDITIONS

RAF for PHX

Predicted RAF Availability

KPHX B737-700

Effective 201203200005Z - 201203210005Z

0.10 available 0005Z to 0005Z

0.20 available 0005Z to 0005Z

0.30 available 0005Z to 0005Z

HAZARD INFORMATION:

SIGMETS

NONE AVAILABLE

CONVECTIVE SIGMETS

EAST

MKCE WST 200855

CONVECTIVE SIGMET...NONE

CENTRAL

MKCC WST 200855

CONVECTIVE SIGMET 18C

VALID UNTIL 1055Z

MO AR TX OK

FROM 40SSE SGF-TXK-20NW CRP-20SW LRD-50S SPS-30NW TUL-40SSE SGF

AREA SEV TS MOV FROM 24030KT. TOPS ABV FL450.

HAIL TO 2 IN...WIND GUSTS TO 60KT POSS.

OUTLOOK VALID 201055-201455

FROM 30W BDF-30N ARG-30NE ELD-30SE PSX-30S LRD-40NW LRD-50S

SPS-50SW DSM-30W BDF

REF WW 91.

WST ISSUANCES EXPD. REFER TO MOST RECENT ACUS01 KWNS FROM STORM

PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.

WEST

MKCW WST 200855

CONVECTIVE SIGMET...NONE

AIRMETS

MIAT WA 200845

Weather Package

Flight 162 From TPA To PHX

AIRMET TANGO UPDT 1 FOR TURB VALID UNTIL 201500

NO SGFNT TURB EXP OUTSIDE OF CNVTV ACT.

....

``MIAZ WA 200845

AIRMET ZULU UPDT 1 FOR ICE AND FRZLVL VALID UNTIL 201500

NO SGFNT ICE EXP OUTSIDE OF CNVTV ACT.

FRZLVL...RANGING FROM 095-145 ACRS AREA

`` 120 ALG 20ENE GQO-30S ATL-40ESE PZD-20NNW VRB-70E PBI

....

``DFWT WA 200845

AIRMET TANGO UPDT 1 FOR TURB VALID UNTIL 201500

AIRMET TURB...OK TX AR LA KS MO

FROM IRK TO 40SSE STL TO 40WSW MLU TO GGG TO 40SSW FSM TO 20W
OSW TO IRK

MOD TURB BLW 080. CONDS DVLPG 12-15Z. CONDS CONTG BYD 15Z THRU
21Z.

AIRMET TURB...OK TX AR LA MS ND SD NE KS MN IA MO WI LS MI IL
AND CSTL WTRS

FROM 30N INL TO 20ENE YQT TO 110SW LEV TO 120SSW LCH TO 80E BRO
TO 90W BRO TO DLF TO 90S MRF TO ELP TO INK TO 30ESE TBE TO 50W
LBL TO 40E SNY TO 50SSW BFF TO 50NNW ISN TO 30N INL
MOD TURB BTN FL220 AND FL430. CONDS CONTG BYD 15Z THRU 21Z.

AIRMET TURB...TX AND CSTL WTRS

FROM 70WSW LBB TO TTT TO 60WSW LCH TO 90W BRO TO 20WSW DLF TO
90S MRF TO ELP TO INK TO 70WSW LBB
MOD TURB BLW 120. CONDS CONTG BYD 15Z THRU 21Z.

OTLK VALID 1500-2100Z...TURB OK TX AR TN LA KS MN IA MO WI LM MI
IL IN KY

BOUNDED BY 20E SAW-40SSW TVC-30SSW TTH-MEM-40WSW MLU-20W GGG-
60SSW FSM-20W OSW-30SW ODI-20E SAW
MOD TURB BLW 080. CONDS CONTG THRU 21Z.

....

``DFWZ WA 200845

AIRMET ZULU UPDT 1 FOR ICE AND FRZLVL VALID UNTIL 201500

NO SGFNT ICE EXP OUTSIDE OF CNVTV ACT.

FRZLVL...RANGING FROM SFC-145 ACRS AREA

`` SFC ALG 50SSW TXO-20NE TXO-60NNW AMA-50ESE TBE

`` 080 ALG 50SSE DLF-50SE JCT-60SE ICT

`` 120 ALG 90W BRO-40E IAH-30ENE TXK-70W ARG

....

``SLCT WA 200845

Weather Package

Flight 162 From TPA To PHX

AIRMET TANGO UPDT 1 FOR TURB STG WNDZ AND LLWS VALID UNTIL 201500

AIRMET TURB...ID MT WY NV UT CO AZ

FROM 50WSW YXC TO 30NW HVR TO 50NNW ISN TO 70SW RAP TO 20N PGS
TO 40WSW ELY TO 40SE LKV TO 50SE REO TO 50WSW YXC

MOD TURB BTN FL180 AND FL410. CONDS CONTG BYD 15Z THRU 21Z.

AIRMET TURB...NM

FROM 30SW RSK TO 30NE TCC TO INK TO ELP TO 50SSW SSO TO 30SW RSK
MOD TURB BLW FL180. CONDS CONTG BYD 15Z ENDG 15-18Z.

AIRMET TURB...ID MT WY NV WA OR CA AND CSTL WTRS

FROM YDC TO 50WSW YXC TO 30NW HVR TO 20NNW SHR TO 50SSE DBS TO
50SE REO TO 60NNW FMG TO 50WNW ENI TO 70WSW OED TO 50S HQM TO
20NNW TOU TO YDC

MOD TURB BLW FL180. CONDS CONTG BYD 15Z THRU 21Z.

AIRMET TURB...WY UT CO AZ NM

FROM 70SW RAP TO 30ESE CYS TO 40E SNY TO 50W LBL TO 30ESE TBE TO
INK TO ELP TO 50S TUS TO 20NNW PGS TO 70SW RAP

MOD TURB BTN FL180 AND FL410. CONDS CONTG BYD 15Z THRU 21Z.

LLWS POTENTIAL...ID MT WA OR

BOUNDED BY 50WSW YXC-40SE YXC-40ESE MLP-40SSE GEG-20SE PDT-70SSW
BKE-40SW LKV-30S OED-60WSW OED-50SSE HQM-30NNE TOU-20NNE HUH-
50WSW YXC

LLWS EXP. CONDS CONTG BYD 15Z THRU 21Z.

OTLK VALID 1500-2100Z...STG SFC WNDZ MT

BOUNDED BY 60WSW YQL-40SSE YQL-20SSE GTF-50SSW BIL-70ESE DLN-50S
HLN-40WNW HLN-60WSW YQL

SUSTAINED SURFACE WINDS GTR THAN 30KT EXP. CONDS DVLPG 15-18Z.

CONDS CONTG THRU 21Z.

....

..SLCZ WA 200845

AIRMET ZULU UPDT 1 FOR ICE AND FRZLVL VALID UNTIL 201500

AIRMET ICE...ID NV WA OR CA AND CSTL WTRS

FROM 60SSW SEA TO 30SW YKM TO 30S PDT TO 30E BKE TO 80SW TWF TO
80WSW ELY TO 40SSW FMG TO 20N MOD TO 40SW RBL TO 50WNW ENI TO
110W FOT TO 110W ONP TO 60SSW SEA

MOD ICE BTN FRZLVL AND FL210. FRZLVL SFC-090. CONDS CONTG BYD 15Z
THRU 21Z.

OTLK VALID 1500-2100Z...ICE ID MT WY NV UT WA OR CA AND CSTL WTRS

BOUNDED BY 60SE MLP-50N JAC-20N BVL-20SW ILC-40SSW FMG-100W
OED-70WSW ONP-60SE MLP

MOD ICE BTN FRZLVL AND FL210. FRZLVL SFC-080. CONDS CONTG THRU
21Z.

FRZLVL...RANGING FROM SFC-065 ACRS AREA

.. SFC ALG 30SW LAS-40SW PGS-30SSE PHX-50S TUS

.. SFC ALG 60W INK-50SSW TXO

Weather Package

Flight 162 From TPA To PHX

.. SFC ALG 50ESE TBE-40SSW AKO-20SSE BFF

....

TURBULENCE

TP SE36 200901Z

1.BD BM

2./// ALERT ///

VOR:SWL OLDEY

HAZ:TSTMS

SOURCE:SATELLITE

AREA:37N073W 32N079W

" 32N076W 36N072W

CVRG:SCT

TOPS:FL370

TREND:NC

MVG:CELLS 34005

3.VALID 200901/201301Z

4.CANCEL SE34

TP SE35 200858Z

1.VA NC

2./// ALERT ///

VOR:FAK ILM RDU

HAZ:TSTMS

SOURCE:RADAR

AREA:37N078W 35N078W

" 36N079W

CVRG:2/10 LVL 3 MAX 4

TOPS:36N079W FL350

TREND:NC

MVG:CELLS 35020

3.VALID 200858/201258Z

4.CANCEL NONE

TP CS34 200805Z

1.TX OK AR

2./// ALERT ///

VOR:TUL ABI TNV LIT

" RZC

HAZ:TSTMS

SOURCE:RADAR

AREA:36N096W 33N099W

" 31N098W 34N093W

" 36N093W

CVRG:2/10 LVL 4 MAX 5

TOPS:33N097W FL350

TREND:NC

MVG:CELLS 18050

3.VALID 200805/201205Z

4.CANCEL NONE

TP CS33 200804Z

Weather Package

Flight 162 From TPA To PHX

1.TX OK AR
2./// ALERT ///
VOR:LRD TNV TXK
HAZ:TSTMS
SOURCE:RADAR
LINE:28N099W 30N097W
" 33N095W
WIDTH:20NM
CVRG:7/10 LVL 4 MAX 6
TOPS:28N099W FL480
" 32N096W FL350
TREND:NC
MVG:CELLS 23045
" LINE 25012
3.VALID 200804/201204Z
4.CANCEL CS32

ENROUTE INFORMATION:

PIREPS

MLF UA /OV MLF080030/TM 0713/FL310/TP MULTI/TB CONT LGT TO MOD CHOP/RM
" SLC

WINDS/TEMPERATURE ALOFT FORECASTS

3000 6000 9000 12000 18000 24000 30000 34000 39000 45000
TLH
1317 1129+12 1127+05 1021+00 9900-13 9900-25 251342 291651 292758 303760
MGM
1627 1432+12 1432+06 1423+02 1505-14 2008-26 231042 281250 271858
T07
1529 1627+10 1522+09 1612+05 2907-12 3012-25 291440 261749 243258
MEM
1836 1844+12 1743+07 1740+02 1930-15 1929-26 213441 223651 213860 234558
LIT
1742 1735+11 1751+08 1855+02 1954-14 2045-25 214441 214051 214862 215459
SGF
1741 1937+10 1943+04 1959-01 1865-14 1953-25 195041 195452 196261 205857
MKC
1910 2205+06 2605+00 1715-03 1755-14 1871-25 196342 197453 197760 205254
SLN
1707 1910+06 1905+00 2115-07 1655-16 1872-27 179643 671053 208653
GLD
" 0332 0914-03 0913-11 2150-23 1893-30 672444 683250 196353 192150
ALS
" 0229-15 0224-29 0419-42 131341 090644 990046 300549
FMN
" 3524-07 3523-15 3423-30 3620-40 366441 364844 353247 332151
ZUN
" 3423-09 3423-16 3325-31 3468-35 850141 357944 345747
PRC
" 3421-08 3432-13 3478-19 8512-24 852041 852250 349457 347656

Weather Package

Flight 162 From TPA To PHX

PHX

9900 3312-02 3522-08 3434-13 3383-18 8417-24 841941 841950 339958

DEPARTURE INFORMATION:

SURFACE OBSERVATIONS

METAR KTPA 200853Z 0000KT 10SM FEW250 19/16 A3007 RMK AO2 SLP183
.. T01940156 58009

TERMINAL FORECASTS

TAF AMD KTPA 200855Z 2009/2106 10004KT P6SM SCT250
.. FM201400 10010KT P6SM SCT025 SCT250
.. FM201800 13009KT P6SM SCT050 SCT250

NOTAMS

TPA 02/057 TPA NAV RWY 19L ILS LLZ UNUSBL BYD 25 DEG L OF CRS
TPA 02/056 TPA NAV RWY 1R ILS LLZ UNUSBL BYD 15 DEG L OF CRS
TPA 03/031 TPA OBST TOWER 268 (260 AGL) 4.97 NW LGTS OTS (ASR
..1046090) TIL 1204030137
TPA 03/023 TPA OBST TOWER 240 (204 AGL) 6.49 NNW LGTS OTS (ASR
..1037021) TIL 1203221759
TPA 03/028 TPA TWY W CLSD BTN TWY W2/W3 1100-2100 DLY WEF
..1203191100-1203232100
TPA 03/014 TPA TWY P EAST OF TWY D NON-MOVEMENT AREA FOR ACFT
..PARKING

VOR NOTAMS

LAL 03/034 LAL NAV ILS RWY 5 LLZ/GP/OM OTS WEF 1203191430-1203232159
LAL 10/032 LAL NAV WIREY NDB/ILS RWY 5 LO OTS WEF 1110211102
OCF 10/022 OCF NAV ILS RWY 36 OM DCMSN WEF 1110201400
OCF 10/021 OCF NAV JUMPI NDB/ILS RWY 36 LO DCMSN WEF 1110201400
OCF 08/020 OCF NAV TACAN AZM 025-078 UNUSBL WEF 0808182135
OCF 08/019 OCF NAV TACAN AZM 329-359 UNUSBL
MIA 03/075 PHK NAV TACAN AZM OTS

PIE 02/126 PIE NAV VOR UNUSBL 235-260 BYD 20
PIE 10/221 PIE NAV ILS RWY 18L LLZ/GP UNMON 0330-0930 DLY
PIE 10/220 PIE NAV ILS RWY 36R LLZ/GP UNMON 0330-0930 DLY
PIE 10/219 PIE NAV ILS RWY 36R LLZ UNUSBL BYD 27 DEG RIGHT OF CRS
PIE 10/218 PIE NAV ILS RWY 36R LLZ UNUSBL BYD 25 DEG LEFT OF CRS
GNV 05/213 TAY NAV VOR OTS

FDC NOTAMS

FDC 2/3174 TPA FI/P IAP TAMPA INTL, TAMPA, FL.
.. ILS OR LOC RWY 1L, AMDT 16A...

Weather Package

Flight 162 From TPA To PHX

.. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 1R.
.. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH
.. AT 2600.
.. THIS IS ILS OR LOC RWY 1L, AMDT 16B.

FDC 2/3173 TPA FI/P IAP TAMPA INTL, TAMPA, FL.
.. ILS RWY 1L (SA CAT I), AMDT 16A...
.. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 1R.
.. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH
.. AT 2600.
.. THIS IS ILS RWY 1L (SA CAT I), AMDT 16B.

FDC 2/3172 TPA FI/P IAP TAMPA INTL, TAMPA, FL.
.. RNAV (RNP) Y RWY 19L, AMDT 1A...
.. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC
.. RWY 19R.
.. DELETE PROFILE NOTE: 2000 WHEN ASSIGNED BY ATC.
.. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE
.. REQUIRED DURING SIMULTANEOUS OPERATIONS.
.. THIS IS RNAV (RNP) Y RWY 19L, AMDT 1B.

FDC 2/3171 TPA FI/P IAP TAMPA INTL, TAMPA, FL.
.. ILS RWY 19L (SA CAT I), AMDT 40...
.. CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS
.. OR LOC RWY 19R.
.. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH
.. AT 3000.
.. THIS IS ILS RWY 19L (SA CAT I), AMDT 40A.

FDC 2/3170 TPA FI/P IAP TAMPA INTL, TAMPA, FL.
.. ILS OR LOC RWY 19R, AMDT 5...
.. DELETE NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
.. THIS IS ILS OR LOC RWY 19R, AMDT 5A.

FDC 2/3169 TPA FI/P IAP TAMPA INTL, TAMPA, FL.
.. RNAV (GPS) Z RWY 19L, AMDT 2...
.. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC
.. RWY 19R.
.. CHART NOTE: LNAV PROCEDURENA DURING SIMULTANEOUS OPERATIONS.
.. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE
.. REQUIRED DURING SIMULTANEOUS OPERATIONS.
.. THIS IS RNAV (GPS) Z RWY 19L, AMDT 2A.

FDC 2/3168 TPA FI/P IAP TAMPA INTL, TAMPA, FL.
.. ILS RWY 19L (CAT II), AMDT 40...
.. CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS
.. OR LOC RWY 19R.
.. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH
.. AT 3000.
.. THIS IS ILS RWY 19L (CAT II), AMDT 40A.

FDC 2/3167 TPA FI/P IAP TAMPA INTL, TAMPA, FL.
.. RNAV (GPS) RWY 1R, AMDT 2...
.. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC

Weather Package

Flight 162 From TPA To PHX

.. RWY 1L, ILS RWY 1L (SA CAT I), ILS RWY 1L CAT (II).
.. CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
.. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE
.. REQUIRED DURING SIMULTANEOUS OPERATIONS.
.. THIS IS RNAV (GPS) RWY 1R, AMDT 2A.

FDC 2/3166 TPA FI/P IAP TAMPA INTL, TAMPA, FL.

.. ILS RWY 1L (CAT II), AMDT 16A...
.. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 1R.
.. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH
.. AT 2600.
.. THIS IS ILS RWY 1L (CAT II), AMDT 16B.

FDC 2/3165 TPA FI/P IAP TAMPA INTL, TAMPA, FL.

.. ILS RWY 1L (CAT III), AMDT 16A...
.. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 1R.
.. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH
.. AT 2600.
.. THIS IS ILS RWY 1L (CAT III), AMDT 16B.

FDC 2/3163 TPA FI/P IAP TAMPA INTL, TAMPA, FL.

.. ILS OR LOC RWY 19L, AMDT 40...
.. CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS
.. OR LOC RWY 19R.
.. DELETE NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
.. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH
.. AT 3000.
.. THIS IS ILS OR LOC RWY 19L, AMDT 40A.

FDC 1/4313 TPA FI/T IAP TAMPA INTL, TAMPA, FL.

.. RNAV (GPS) RWY 19R, AMDT 2...
.. LPV MINIMUMS NA.
.. LNAV/VNAV MINIMUMS NA.

FDC 1/3483 TPA FL.. TAMPA INTERNATIONAL AIRPORT AUTOMATIC DEPENDENT
SURVEILLANCE, ESSENTIAL SERVICE BROADCAST.

.. EFFECTIVE 1109301200 UTC UNTIL FURTHER NOTICE.
2011. THE FEDERAL AVIATION ADMINISTRATION (FAA) HAS ADOPTED TWO
ADS-B DATA LINKS: 1090 MHZ EXTENDED SQUITTER (1090ES) AND 978 MHZ
UNIVERSAL ACCESS TRANSCEIVER (UAT). THE TWO LINKS OPERATE SIMILARLY
AND SUPPORT TRAFFIC INFORMATION SERVICE-BROADCAST (TIS-B).
ADDITIONALLY, THE UAT LINK SUPPORTS FLIGHT INFORMATION SERVICE-
BROADCAST (FIS-B). TIS-B SERVICE WILL BE AVAILABLE THROUGHOUT THE
NATIONAL AIRSPACE SYSTEM (NAS) WHERE THERE ARE BOTH ADEQUATE
SURVEILLANCE COVERAGE (RADAR) AND ADEQUATE BROADCAST COVERAGE FROM
ADS-B GROUND STATIONS. FIS-B SERVICE AVAILABILITY IS EXPECTED
THROUGHOUT THE NAS IN 2013, AND IS CURRENTLY AVAILABLE WITHIN CERTAIN
REGIONS. THIS NOTAM ANNOUNCES THE AVAILABILITY OF THE INITIAL TIS-B
AND FIS-B CAPABILITY WITH THE TAMPA INTERNATIONAL TPA AIRSPACE. THE
FAA IS DEVELOPING POLICY GUIDANCE MATERIAL ON AUTOMATIC DEPENDENT
SURVEILLANCE-BROADCAST (ADS-B), ESSENTIAL SERVICES- TIS-B AND FIS-B
THAT WILL BE PUBLISHED IN TRADITIONAL SOURCE REFERENCES SUCH AS THE
AERONAUTICAL INFORMATION MANUAL (AIM). REPORTS OF TIS-B AND FIS-B
MALFUNCTIONS SHOULD BE REPORTED BY RADIO OR TELEPHONE TO THE NEAREST

Weather Package

Flight 162 From TPA To PHX

FLIGHT SERVICE STATION (FSS) FACILITY.

FDC 1/2597 TPA FI/P IAP TAMPA INTL, TAMPA, FL.

ILS OR LOC RWY 1L AMDT 16

ILS RWY 1L (SA CAT I) AMDT 16

ILS RWY 1L (CAT II) AMDT 16 S-ILS 1L RA 105

ILS RWY 1L (CAT III) AMDT 16

THIS IS ILS OR LOC RWY 1L AMDT 16A, ILS RWY 1L (SA CAT I) AMDT 16A,

ILS RWY 1L (CAT II) AMDT 16A, ILS RWY 1L (CAT III) AMDT 16A

FDC 1/2367 TPA FI/T IAP TAMPA INTL, TAMPA, FL.

" VOR RWY 10, AMDT 9...

" CIRCLING CATS A/B/C/D MDA 640/HAA 614. VIS CAT C 1 3/4.

" WITGA DME FIX MINIMUMS:

" CIRCLING CATS A/B/C/D MDA 640/HAA 614. VIS CAT C 1 3/4.

" TEMPORARY CRANE 277 MSL 2600 FT SE OF RWY 28.

FDC 1/2365 TPA FI/T IAP TAMPA INTL, TAMPA, FL.

" ILS OR LOC RWY 19L, AMDT 40...

" ILS OR LOC RWY 1L, AMDT 16...

" ILS OR LOC RWY 19R, AMDT 5...

" RNAV (GPS) RWY 1L, AMDT 2...

" RNAV (GPS) RWY 1R, AMDT 2...

" RNAV (GPS) RWY 10, AMDT 1...

" RNAV (GPS) RWY 19R, AMDT 2...

" RNAV (GPS) Z RWY 19L, AMDT 2...

" LOC RWY 1R, AMDT 3...

" CIRCLING CATS A/B/C/D MDA 640/HAA 614. VIS CAT C 1 3/4.

" TEMPORARY CRANE 277 MSL 2600 FT SE OF RWY 28.

FDC 1/2362 TPA FI/T IAP TAMPA INTL, TAMPA, FL.

" RNAV (GPS) RWY 28, AMDT 1...

" LNAV/VNAV DA 488/HATH 462, VIS 1 1/2 ALL CATS.

" LNAV MDA 580/HATH 554 ALL CATS. VIS CATS C/D 1 5/8.

" CIRCLING MDA 640/HAA 614 ALL CATS. VIS CAT C 1 3/4.

" TEMPORARY CRANE 277 MSL 2600 FT SE OF RWY 28.

PIREPS

NONE AVAILABLE

AVAILABLE LOCAL NOTAMS

NO LOCAL NOTAM DATA AVAILABLE

FIELD CONDITIONS

CONTACT YOUR DISPATCHER FOR CURRENT FIELD CONDITIONS

RAF for TPA

Predicted RAF Availability

KTPA B737-700

Weather Package

Flight 162 From TPA To PHX

Effective 201203200005Z - 201203210005Z

0.10 available 0005Z to 0005Z

.. except for 0958Z to 1007Z

0.23 available 0005Z to 0005Z

0.30 available 0005Z to 0005Z

APPENDIX:

ARRIVAL STATION - NOTAMS

NONE APPLICABLE

DEPARTURE STATION - NOTAMS

NONE APPLICABLE

GPS NOTAMS

GPS 03/056 ZSE NAV GPS IS UNRELIABLE AND MAY BE UNAVAILABLE WITHIN A RADIUS OF 348 NM AND CENTERED AT 371324N/1163145W OR THE LOCATION ALSO KNOWN AS THE /BTY/ VOR RADIAL 022.3 AT 27.4NM AT FL400 AND ABOVE; DECREASING IN AREA WITH A DECREASE IN ALTITUDE TO A RADIUS OF 296 NM AT FL250; A RADIUS OF 224 NM AT 10,000FT MSL; A RADIUS OF 200 NM AT 4,000FT AGL AND A RADIUS OF 167 NM AT 50FT AGL 0600-1500 DLY WEF 1203220600-1203231500

GPS 03/052 ZDV NAV GPS IS UNRELIABLE AND MAY BE UNAVAILABLE WITHIN A RADIUS OF 348 NM AND CENTERED AT 371324N/1163145W OR THE LOCATION ALSO KNOWN AS THE /BTY/ VOR RADIAL 022.3 AT 27.4NM AT FL400 AND ABOVE; DECREASING IN AREA WITH A DECREASE IN ALTITUDE TO A RADIUS OF 296 NM AT FL250; A RADIUS OF 224 NM AT 10,000FT MSL; A RADIUS OF 200 NM AT 4,000FT AGL AND A RADIUS OF 167 NM AT 50FT AGL 0600-1500 DLY WEF 1203220600-1203231500

GPS 03/049 ZAK AIRSPACE GPS IS UNRELIABLE AND MAY BE UNAVAILABLE WITHIN A RADIUS OF 280NM AND CENTERED AT 352635N/1163856W OR THE LOCATION ALSO KNOWN AS THE DAGGETT /DAG/ VORTAC 353.2 RADIAL AT 29NM AT FL400 AND ABOVE DECREASING IN AREA WITH A DECREASE IN ALTITUDE TO A RADIUS OF 230NM AT FL250 A RADIUS OF 155NM AT 10000FT A RADIUS OF 150NM AT 4000FT AGL AND A RADIUS OF 110NM AT 50FT AGL. 0700-1200 DAILY WEF 1203160700-1203211200

ADDITIONAL INFORMATION:

METAR KABQ 200852Z 00000KT 10SM OVC048 00/M08 A2980 RMK AO2 SLP085 T00001083 53000 \$

Weather Package

Flight 162 From TPA To PHX

METAR KALB 200851Z 0000KT 10SM BKN120 12/11 A3023 RMK AO2 SLP235
.. T01220106 53007

METAR KAMA 200853Z AUTO 21010KT 10SM CLR M01/M04 A2966 RMK AO2
.. SLP034 T10061044 58001

METAR KATL 200852Z 0000KT 10SM FEW250 18/13 A3009 RMK AO2 SLP182
.. T01830128 56004 \$

SPECI KAUS 200919Z 36012KT 5SM TSRA BR SCT011 BKN017CB OVC070 13/12
.. A2973 RMK AO2 PRESRR FRQ LTGICCC NE-S TS NE-S MOV NE P0006

METAR KBDL 200851Z 0000KT 10SM CLR 09/08 A3026 RMK AO2 VIS 3/4 RWY
.. 6-24 SLP247 T00890078 53010

METAR KBHM 200853Z 12003KT 10SM CLR 18/13 A3006 RMK AO2 SLP172
.. T01830133 57004

METAR KBNA 200853Z 14003KT 10SM BKN200 18/11 A3006 RMK AO2 SLP172
.. T01830111 53006

METAR KBOI 200853Z 12011KT 10SM CLR 01/M09 A2995 RMK AO2 SLP151
.. T00111089 51005

METAR KBOS 200854Z 34003KT 9SM FEW007 07/04 A3030 RMK AO2 SLP260
.. T00670044 53003

METAR KBUF 200854Z 11005KT 10SM BKN200 13/11 A3016 RMK AO2 SLP211
.. T01330111 53002

METAR KBUR 200853Z 02003KT 10SM CLR 07/02 A3005 RMK AO2 SLP171
.. T00670017 53009

SPECI KBWI 200917Z 09004KT 1 1/2SM BR BKN003 BKN012 OVC100 16/15
.. A3019 RMK AO2 RAE06 P0000

METAR KCHS 200856Z 0000KT 8SM MIFG CLR 16/14 A3013 RMK AO2 SLP204
T01610144 55006

METAR KCLE 200851Z COR 17005KT 10SM SCT150 BKN250 17/13 A3013 RMK
.. AO2 SLP198 8/071 T01720128 55000 \$

METAR KCMH 200851Z COR 0000KT 10SM SCT150 BKN250 16/13 A3010 RMK
.. AO2 SLP189 T01560128 53002

METAR KCRP 200851Z 17025G33KT 10SM BKN013 OVC019 23/21 A2957 RMK AO2
PK WND 16037/0825 SLP011 T02330206 58009

METAR KDAL 200853Z 04006KT 6SM +TSRA BR FEW012 BKN050CB OVC070 13/12
.. A2975 RMK AO2 SLP069 FRQ LTGICCA TS OHD MOV NE FEW V SCT P0031
.. 60060 T01280117 50021 \$

METAR KDEN 200853Z 07004KT 10SM FEW090 SCT200 M03/M11 A2973 RMK AO2
.. SLP057 T10281111 53020 \$

METAR KDTW 200853Z 0000KT 7SM FEW065 BKN150 OVC240 15/12 A3009 RMK
.. AO2 SLP187 T01500117 53001

METAR KECF 200853Z AUTO 06005KT 10SM CLR 17/16 A3002 RMK AO2 SLP178
.. T01670156 56009

METAR KELP 200851Z 26009KT 10SM FEW035 02/M06 A2985 RMK AO2 PK WND
.. 27037/0758 WSHFT 0738 SLP087 T00171056 55009

METAR KEWR 200851Z 0000KT 5SM BR BKN004 OVC007 15/13 A3025 RMK AO2
.. SLP241 T01500133 53004

METAR KFLI 200853Z 12010KT 10SM SCT030 23/16 A3002 RMK AO2 SLP166
.. T02280161 56017

METAR KEGG 200853Z 15007KT 10SM BKN046 OVC095 00/M06 A2974 RMK AO2
.. SLP088 T00001061 58010 \$

METAR KGSP 200853Z AUTO 21006KT 10SM CLR 18/13 A3012 RMK AO2 SLP188
.. T01780133 58002

METAR KHOU 200853Z 15020G27KT 10SM SCT021 BKN029 OVC070 23/19 A2965
.. RMK AO2 PK WND 15029/0806 SLP044 T02280189 58022

SPECI KHRL 200916Z AUTO 16029G43KT 10SM SCT017 24/20 A2951 RMK AO2

Weather Package

Flight 162 From TPA To PHX

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.. PK WND 16043/0912
METAR KIAD 200852Z 0000KT 10SM OVC010 16/15 A3019 RMK AO2 SLP220
.. T01610150 55001
METAR KIND 200854Z 13005KT 10SM FEW140 OVC170 18/11 A3002 RMK AO2
.. SLP159 T01830111 53003
SPECI KISP 200915Z 0000KT 1/4SM R06/1000V1400FT FG VV001 11/11
.. A3025 RMK AO2
SPECI KJAN 200927Z 14009KT 8SM SCT019 18/17 A2991 RMK AO2
SPECI KJAX 200941Z 0000KT 4SM BR SCT001 14/13 A3012 RMK AO2
METAR KLAS 200856Z 20009KT 10SM FEW250 07/M04 A2997 RMK AO2 SLP147
.. T00671044 51013
METAR KLAX 200853Z 0000KT 10SM CLR 09/06 A3007 RMK AO2 SLP180
T00890056 51009
METAR KLBB 200853Z 25007KT 10SM FEW170 03/00 A2968 RMK AO2 SLP038
.. T00330000 58012
SPECI KLGA 200943Z 05005KT 5SM BR FEW001 SCT009 SCT017 12/09 A3026
.. RMK AO2
METAR KLIT 200853Z 14007KT 10SM BKN030 OVC080 19/16 A2984 RMK AO2
.. SLP106 T01940156 56010
METAR KMAF 200853Z AUTO 25012KT 10SM OVC110 07/M01 A2978 RMK AO2
.. SLP060 T00671006 53007
METAR KMCI 200853Z 16007KT 8SM -RA FEW014 BKN075 OVC090 13/13 A2978
.. RMK AO2 RAB26 SLP080 P0003 60007 T01330128 53003
METAR KMCO 200853Z 07003KT 10SM SCT040 18/16 A3009 RMK AO2 SLP188
.. T01780161 55009
METAR KMDW 200851Z 16010KT 10SM FEW150 BKN200 21/11 A2994 RMK AO2
.. SLP129 T02060106 50005 $
METAR KMHT 200853Z 0000KT 10SM CLR 06/04 A3028 RMK AO2 SLP267
.. T00610039 53001
METAR KMKE 200852Z 16003KT 10SM BKN210 13/09 A2992 RMK AO2 SLP131
.. T01280094 50003
METAR KMSP 200853Z 17006KT 10SM BKN170 16/13 A2975 RMK AO2 SLP072
.. T01560133 51015
METAR KMSY 200853Z 14010KT 10SM FEW020 22/19 A2989 RMK AO2 SLP123
T02170189 58015
METAR KOAK 200853Z 02004KT 10SM BKN043 OVC050 09/03 A3014 RMK AO2
.. SLP204 T00940033 51014
SPECI KOKC 200908Z 17007KT 4SM BR BKN003 BKN070 OVC100 12/12 A2971
.. RMK AO2
METAR KOMA 200852Z 16008KT 10SM FEW014 OVC140 14/12 A2972 RMK AO2
.. SLP061 T01390122 50001
METAR KONT 200853Z 0000KT 10SM CLR 07/02 A3006 RMK AO2 SLP180
.. T00670022 51009
METAR KORF 200851Z AUTO 0000KT 6SM BR CLR 15/13 A3016 RMK AO2
SLP213 T01500133 55002 TSNO
METAR KPBI 200853Z 09012KT 10SM FEW032 BKN070 23/17 A3003 RMK AO2
.. SLP169 T02280172 56015
METAR KPDX 200853Z 11013KT 6SM -RA BR OVC015 05/04 A2974 RMK AO2
.. SLP072 P0004 60013 T00500039 57009
SPECI KPHL 200940Z 0000KT 1/4SM R09R/1400VP6000FT FG OVC002 14/14
.. A3024 RMK AO2
METAR KPHX 200851Z 29005KT 10SM CLR 09/M01 A3001 RMK AO2 SLP158
.. T00891006 51010 $
METAR KPIT 200851Z 0000KT 6SM BR CLR 13/12 A3014 RMK AO2 SLP208

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Weather Package

Flight 162 From TPA To PHX

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.. T01280117 5500Z
SPECI KPVD 200936Z 0000KT 7SM BKN011 07/06 A3031 RMK AO2 $
SPECI KRDU 200930Z COR VRB04KT 2SM TSRA BR SCT016 BKN022CB OVC035
.. 17/16 A3020 RMK AO2 TSB07 PRESRR FRQ LTGICCG OHD TS OHD MOV S
.. P0019
METAR KRNO 200855Z 0000KT 10SM SCT049 BKN060 02/M06 A3000 RMK AO2
.. SLP159 T00221061 50006
METAR KRSW 200853Z 05003KT 10SM CLR 17/14 A3005 RMK AO2 SLP173
.. T01720139 55013
METAR KSAN 200851Z 0000KT 10SM CLR 09/06 A3009 RMK AO2 SLP188
T00940056 51008 $
SPECI KSAT 200943Z 05011G14KT 8SM -TSRA BKN014 OVC075 13/11 A2972
.. RMK AO2 TS FRQ LTGIC DSNT N-SE MOVG NE P0002 $
METAR KSDF 200856Z VRB03KT 10SM OVC220 21/11 A3004 RMK AO2 SLP169
T02060111 50000
METAR KSEA 200853Z 13008KT 8SM -RA OVC029 04/03 A2958 RMK AO2 SLP024
.. P0003 60010 T00440033 56037
METAR KSFO 200856Z 0000KT 10SM FEW025 BKN042 OVC090 11/01 A3012 RMK
.. AO2 SLP201 T01060011 51011
METAR KSJC 200853Z AUTO 0000KT 10SM OVC050 11/03 A3012 RMK AO2
.. SLP198 T01060028 53009
METAR KSLC 200853Z 18004KT 10SM FEW013 BKN055 M01/M02 A3001 RMK AO2
.. SLP164 60002 T10111022 53016
METAR KSMF 200853Z 0000KT 10SM OVC080 09/06 A3012 RMK AO2 SLP199
.. T00940061 51010
METAR KSNA 200853Z 0000KT 10SM CLR 09/04 A3007 RMK AO2 SLP181
.. T00940044 51008 $
METAR KSTL 200851Z 18012G24KT 10SM FEW150 21/12 A2987 RMK AO2 SLP105
.. T02110122 56007
METAR KTPA 200853Z 0000KT 10SM FEW250 19/16 A3007 RMK AO2 SLP183
.. T01940156 58009
SPECI KTUL 200911Z 12008KT 5SM RA BR BKN080 OVC090 13/13 A2975 RMK
.. AO2 TSE08 TS DSIPTD P0004
METAR KTUS 200853Z 18003KT 10SM CLR 03/01 A3003 RMK AO2 SLP160
.. T00330011 51004 $

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* LUV: $8.41 at 3/19/2012 4:02pm EST [Down 0.00%]
*****

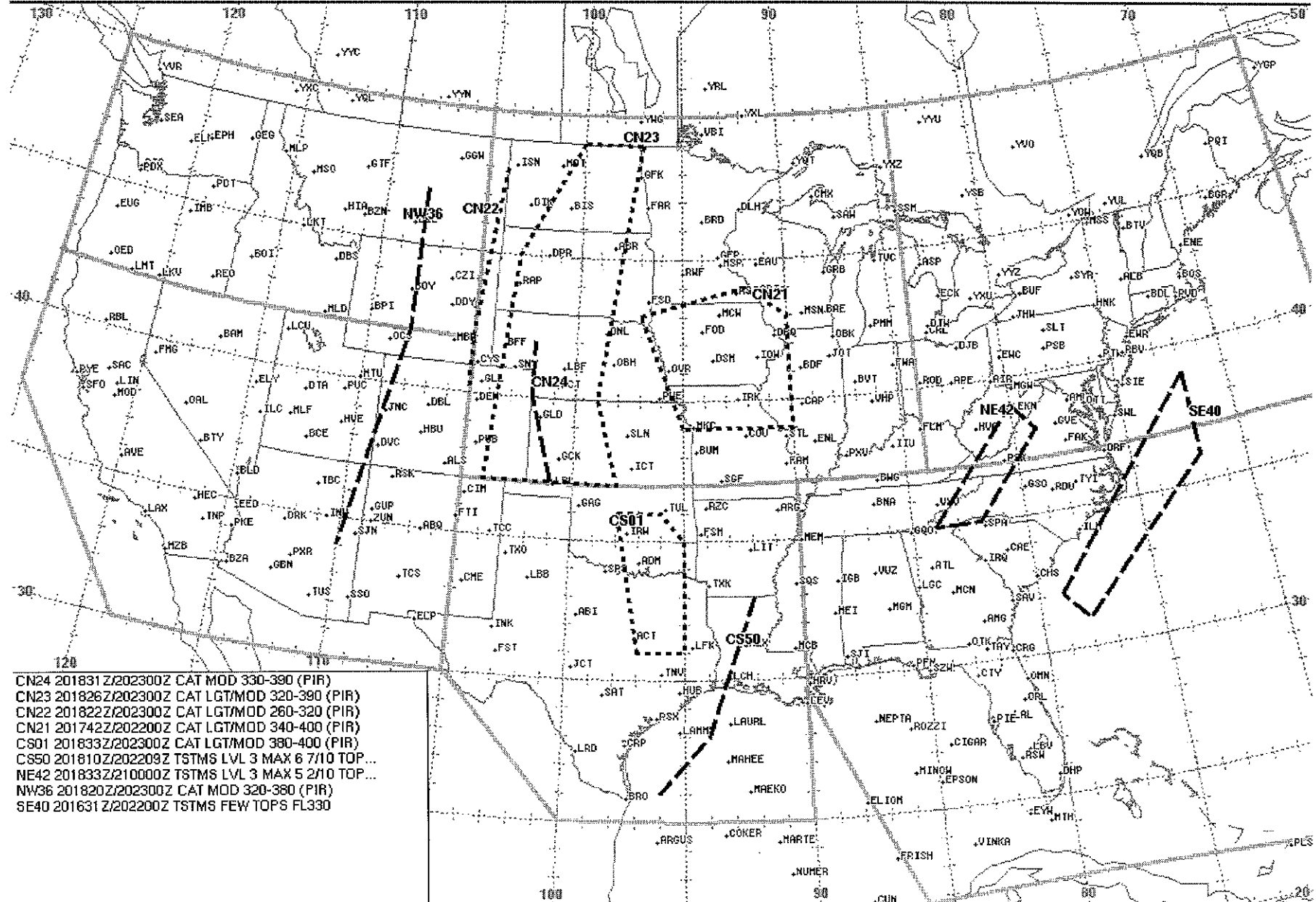
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Turbulence Plots

Updated 18:41 UTC Tue 20-Mar-2012

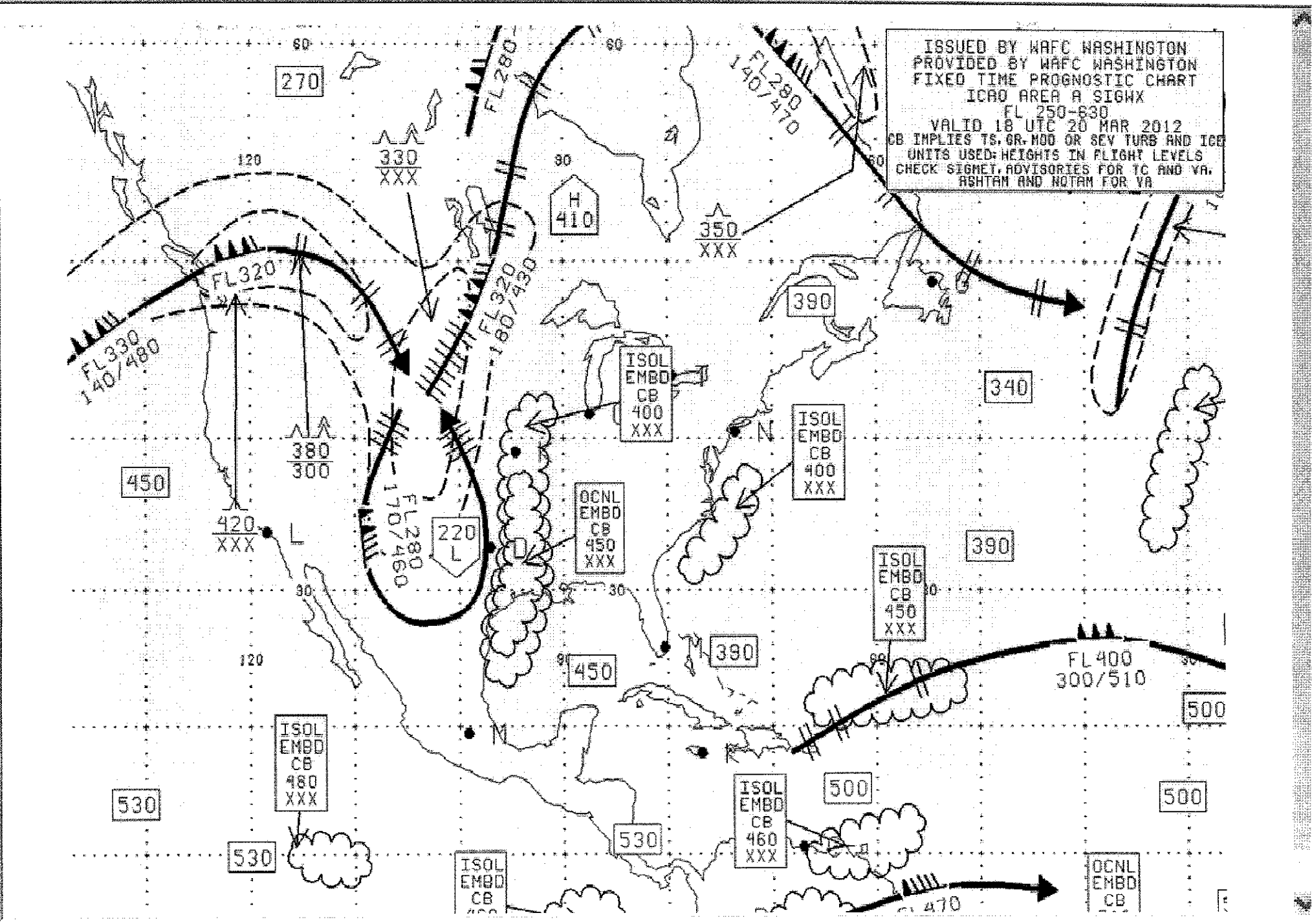
*** MUST SEE FSW PACKET FOR TP DETAILS ***



CN24 201831Z/202300Z CAT MOD 330-390 (PIR)
 CN23 201826Z/202300Z CAT LGT/MOD 320-390 (PIR)
 CN22 201822Z/202300Z CAT LGT/MOD 260-320 (PIR)
 CN21 201742Z/202200Z CAT LGT/MOD 340-400 (PIR)
 CS01 201833Z/202300Z CAT LGT/MOD 390-400 (PIR)
 CS50 201810Z/202209Z TSTMS LVL 3 MAX 6 7/10 TOP...
 NE42 201833Z/210000Z TSTMS LVL 3 MAX 5 2/10 TOP...
 NW36 201820Z/202300Z CAT MOD 320-380 (PIR)
 SE40 201631Z/202200Z TSTMS FEW TOPS FL330

CAT	TP Intensity	Avoid		Tropical		Volcano		Ozone	
		Alert							
		Advisory							

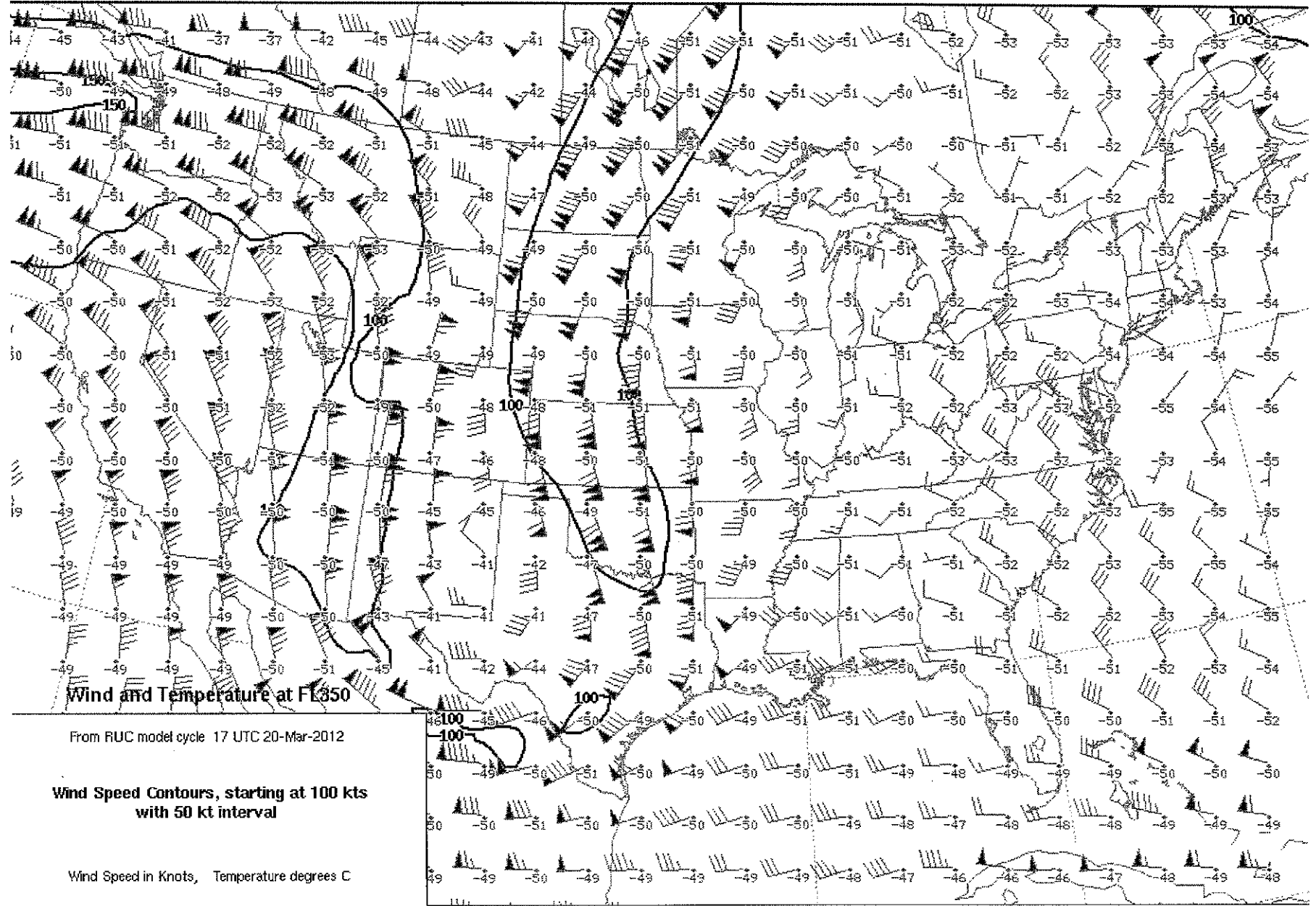
ISSUED BY WAFIC WASHINGTON
 PROVIDED BY WAFIC WASHINGTON
 FIXED TIME PROGNOSTIC CHART
 ICAO AREA A SIGWX
 FL 250-630
 VALID 18 UTC 20 MAR 2012
 CB IMPLIES TS, GR, MOG OR SEV TURB AND ICE
 UNITS USED: HEIGHTS IN FLIGHT LEVELS
 CHECK SIGMET, ADVISORIES FOR TC AND VA,
 ASHTAM AND NOTAM FOR VA



Winds and Temperature Forecast

Valid: 18:00 UTC Tue 20-Mar-2012

Updated 17:44 UTC Tue 20-Mar-2012



Wind and Temperature at FL350

From RUC model cycle 17 UTC 20-Mar-2012

Wind Speed Contours, starting at 100 kts
with 50 kt interval

Wind Speed in Knots, Temperature degrees C

Average distance between grid points 125 NMI