

Factual Report – Attachment 3

Flight Release Paperwork

OPERATIONAL FACTORS

DCA17FA076

Ameristar Air Cargo, Inc.

Flight Release MD83

10/01/2015

FLIGHT PLAN:

AAC 9363 MD-83 N786TW IFR From YIP To IAD 392MILES ALT(1)BWI T/O ALT
FP AJ19363 MD83 YIP..CRL.J34.DJB.J85.HVQ.GIBBZ2.IAD ALT(2)

Required Fuel (#s) 16,228 Ramp Fuel (#s) 30,000 Jeppesen Plan #: 1688 O2 Ozone Driftdown
Considered and Compliant

PERSONNEL:

	FFD	NFL	SL	NFL	SL
PIC/ISC <u>Andreas Conny Gruseus</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441		
SIC <u>Mark Donald Radloff</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441		
FA (L) <u>Jeffrey Steven Zerke</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441	GSC <u>Rose Edward Jamison III</u>	<input checked="" type="checkbox"/> N3480 <input checked="" type="checkbox"/> S3441
FA <u>David Henry Ladenberger</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441		
FA <u>Charita Michelle Johnson</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441		
FA <u>Delessa Tennile Hampton</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441		

AIRPORTS/WX:

Departure	Destination	Other	MEL/CDL	CATEGORY	EXPIRATION
<input type="checkbox"/> Special Airport	<input type="checkbox"/>	<input type="checkbox"/>	1.		
<input type="checkbox"/> Cold Weather Airport	<input type="checkbox"/>	<input type="checkbox"/>	2.		
<input type="checkbox"/> Ref. GOM/Approach Plate			3.		
<input type="checkbox"/> Weather Attached			4.		
<input checked="" type="checkbox"/> METAR	<input checked="" type="checkbox"/> TAF	<input checked="" type="checkbox"/> SIGMETS	<input checked="" type="checkbox"/> NOTAMS	<input type="checkbox"/> OTHER	5.

TAKEOFF:

Max Takeoff Wt 146,400 **Based On** Runway 23L Flaps OP Maximum Temperature 30° C
 Corrections Wind ___ Kts QNH Clutter Anti-Skid Anti-Ice MEL/CDL
 Limited by Field Length Landing Climb Structural

LANDING:

Max Landing Wt 139,500 **Based On** Runway 19L Flaps 28° Maximum Temperature 38° C
 Corrections Wet/Low Visibility Wind ___ Kts MEL/CDL Anti-Ice
 Limited by Field Length Climb Structural

FUEL AGENCIES:

	<input type="checkbox"/> No Fuel Uplifted	<u>Fully Trained & Qualified</u>	<u>Supervision Required</u>
AvFlight West		Y	N
AvFuel	(FUEL AUDIT REQUIRED)	N	Y

MISCELLANEOUS:

Departure Airport Security #: [REDACTED] Parking: Jet Aviation **HAZMAT**
 Scales: No Payload Uplifted AAC Scales ASSUMED WEIGHED/USED
 Certificate Obtained Ground Handler Scale S/N Calibration Date Due

RELEASE:

AAC RELEASES THIS FLIGHT ON 3/8/2017 at 17:00 (Z) by DD BLOCK OUT ON OR AFTER 3/8/17 18:30
I CERTIFY THAT ALL APPLICABLE PART 121 FAR REQUIREMENTS FOR THIS FLIGHT HAVE BEEN MET.

SIGNATURE/PIC [REDACTED] AT 1730 (Z) WEATHER UPDATE AT _____ (Z) BY _____

Amendment 1:
Amendment 2:
Amendment 3:

Flight Follower at
Flight Follower at
Flight Follower at

FLIGHT PLAN:

AAC 9363 MD-83 N786TW IFR From YIP To IAD 392 MILES ALT(1) BWI T/O ALT
FP AJI9363 MD83 YIP..CRL.J34.DJB.J85.HVQ.GIBBZ2.IAD ALT(2)

Required Fuel (#s) 16,228 Ramp Fuel (#s) 30,000 Jeppesen Plan #: 1688
Considered and Compliant
O2 Ozone Driftdown

PERSONNEL:

Table with columns: PERSONNEL, FFD, NFL, SL, NFL, SL. Rows include PIC/ISC, SIC, FA (L), FA, FA, FA with names like Andreas Conny Gruseus, Mark Donald Radloff, Jeffrey Steven Zerke, David Henry Ladenberger, Charita Michelle Johnson, Delessa Tennile Hampton.

AIRPORTS/WX:

Table with columns: Departure, Destination, Other, MEL/CDL, CATEGORY, EXPIRATION. Includes checkboxes for Special Airport, Cold Weather Airport, Ref. GOM/Approach Plate, Weather Attached, METAR, TAF, SIGMETS, NOTAMS, OTHER.

TAKEOFF:

Max Takeoff Wt 146,400 Based On Runway 23L Flaps OP Maximum Temperature 30 C
Corrections Wind Kts QNH Clutter Anti-Skid Anti-Ice MEL/CDL
Limited by Field Length Landing Climb Structural

LANDING:

Max Landing Wt 139,500 Based On Runway 19L Flaps 28 Maximum Temperature 38 C
Corrections Wet/Low Visibility Wind Kts MEL/CDL Anti-Ice
Limited by Field Length Climb Structural

FUEL AGENCIES:

Table with columns: FUEL AGENCIES, Fully Trained & Qualified, Supervision Required. Rows include AvFlight West, AvFuel.

MISCELLANEOUS:

Departure Airport Security #: [Redacted] Parking: Jet Aviation HAZMAT

Scales: No Payload Uplifted AAC Scales

Ground Handler Scale S/N Calibration Date Due
Certificate Obtained

RELEASE:

AAC RELEASES THIS FLIGHT ON 3/8/2017 at 17:00 (Z) by DD BLOCK OUT ON OR AFTER 3/8/17 18:30 (Z)
I CERTIFY THAT ALL APPLICABLE PART 121 FAR REQUIREMENTS FOR THIS FLIGHT HAVE BEEN MET.
SIGNATURE/PIC AT (Z) WEATHER UPDATE AT (Z) BY

Table with columns: Amendment 1, Amendment 2, Amendment 3, Flight Follower, at, (Z)

Ameristar Air Cargo, Inc.

Flight Release MD83

10/01/2015

FLIGHT PLAN:

AAC 9363 MD-83 N786TW IFR From YIP To IAD 392MILES ALT(1)BWI T/O ALT
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Considered and Compliant

PERSONNEL:

		FFD	NFL	SL		NFL	SL
PIC/ISC	<u>Andreas Conny Gruseus</u>	___	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441			
SIC	<u>Mark Donald Radloff</u>	___	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441			
FA (L)	<u>Jeffrey Steven Zerke</u>	___	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441	GSC	<u>Rose Edward Jamison III</u>	<input checked="" type="checkbox"/> N3480 <input checked="" type="checkbox"/> S3441
FA	<u>David Henry Ladenberger</u>	___	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441			
FA	<u>Charita Michelle Johnson</u>	___	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441			
FA	<u>Delessa Tennile Hampton</u>	___	<input checked="" type="checkbox"/> N3480	<input checked="" type="checkbox"/> S3441			

AIRPORTS/WX:

	Departure	Destination	Other	MEL/CDL	CATEGORY	EXPIRATION
Special Airport	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.		
Cold Weather Airport	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.		
Ref. GOM/Approach Plate				3.		
Weather Attached				4.		
<input checked="" type="checkbox"/> METAR	<input checked="" type="checkbox"/> TAF	<input checked="" type="checkbox"/> SIGMETS	<input checked="" type="checkbox"/> NOTAMS	<input type="checkbox"/> OTHER	5.	

TAKEOFF:

Max Takeoff Wt	<u>146,400</u>	Based On	Runway	23L	Flaps OP	Maximum Temperature	30° C
Corrections	<input type="checkbox"/> Wind ___ Kts	<input type="checkbox"/> QNH	<input type="checkbox"/> Clutter		<input type="checkbox"/> Anti-Skid	<input type="checkbox"/> Anti-Ice	<input type="checkbox"/> MEL/CDL
Limited by	<input checked="" type="checkbox"/> Field Length	<input type="checkbox"/> Landing	<input type="checkbox"/> Climb		<input type="checkbox"/> Structural		

LANDING:

Max Landing Wt	<u>139,500</u>	Based On	Runway	19L	Flaps 28°	Maximum Temperature	38 °C
Corrections	<input type="checkbox"/> Wet/Low Visibility	<input type="checkbox"/> Wind ___ Kts	<input type="checkbox"/> MEL/CDL		<input type="checkbox"/> Anti-Ice		
Limited by	<input type="checkbox"/> Field Length	<input type="checkbox"/> Climb	<input checked="" type="checkbox"/> Structural				

FUEL AGENCIES:

<input type="checkbox"/> No Fuel Uplifted	<u>Fully Trained & Qualified</u>	<u>Supervision Required</u>
AvFlight West	Y	N
AvFuel	N	Y

(FUEL AUDIT REQUIRED)

MISCELLANEOUS:

Departure Airport Security #: XXXXXXXXXX Parking: Jet Aviation **HAZMAT**

Scales: No Payload Uplifted AAC Scales

<input type="checkbox"/> Certificate Obtained	<u>Ground Handler</u>	<u>Scale S/N</u>	<u>Calibration Date Due</u>
	_____	_____	_____

RELEASE:

AAC RELEASES THIS FLIGHT ON 3/8/2017 at 17:00 (Z) by DD BLOCK OUT ON OR AFTER 3/8/17 18:30 (Z)
I CERTIFY THAT ALL APPLICABLE PART 121 FAR REQUIREMENTS FOR THIS FLIGHT HAVE BEEN MET.

SIGNATURE/PIC _____ AT _____ (Z) WEATHER UPDATE AT _____ (Z) BY _____

Amendment 1:	Flight Follower	at	(Z)
Amendment 2:	Flight Follower	at	(Z)
Amendment 3:	Flight Follower	at	(Z)

PLAN 1688 KYIP TO KIAD MD83 LRC/F IFR 03/08/17
 NONSTOP COMPUTED 1716Z FOR ETD 1830Z PROGS 0812NWS 786 LBS

	FUEL	TIME	DIST	ARRIVE	TAKEOFF	LAND	AV PLD	OPNLWT
DEST KIAD	010276	01.13	0516	1943Z	143904	133628	027000	087304
ALTN KBWI	001032	00.09	0039					
HOLD	000000	00.00	NAM	0465				
RESV	004920	00.45						
BALS	000000							
REQD	016228	02.07						
XTRA	013372	01.59	RSN	. . . .			
TKOF	029600	04.06	ACT	. . . .			
TAXI	000400							
RAMP	030000	04.06	ACT	. . . .			

FOD 019324 02.53 ACT LBO 000000

KYIP..CRL J34 DJB J85 HVQ GIBBZ2 KIAD

WIND P047 MXSH 2/BOBCT
 FL 320/BOBCT 310/OTMAN 300/HVQ 290

ESTIMATED	STRUCTURAL	ACT WT	ETD KYIP	1830Z	ETA KIAD	1943Z
ETOW 143904	MTOW 160000	. . . .	IN	....Z	ON	....Z
ELDW 133628	MLDW 139500	. . . .	OUT	....Z	OFF	....Z
EZFW 114304	MZFW 122000	. . . .	BLK	....Z	FLT	....Z
EPLD 027000						

BURN OFF ADJUSTMENT FOR 1000 LBS DECREASE IN TAKEOFF WT 0039 LBS
 BURN OFF ADJUSTMENT FOR 2000 LBS DECREASE IN TAKEOFF WT 0062 LBS
 BURN OFF ADJUSTMENT FOR 3000 LBS DECREASE IN TAKEOFF WT 0097 LBS

KYIP ELEV 00716FT

ZD	COORD	MC	FL	ETO/ATO	ZT	R/F	OA	WIND/COMP	WS	TAS	B/O
WPT	FREQ	MH			ACTM	ACT	DEV	ACT WIND	TP	GS	ACBO

012	N42	02.9	170	CL	.../...	03	0285	12	27/068P010	04	276	011
CRL	W083	27.5	185			0003	....	M11		33	286	0011
0504		115.7										

037	N41	41.7	128	CL	.../...	05	0270	29	28/110P095	01	384	015
WOOST	W082	47.4	139			0008	....	M04		33	479	0026
0467												

018	N41	31.4	133	CL	.../...	03	0264	36	28/111P095	01	407	006
RIEKE	W082	28.1	140			0011	....	M03		34	502	0032
0449												

017	N41	21.5	133	CL	.../...	02	0259	42	28/113P094	00	426	005
DJB	W082	09.7	141			0013	....	M04		34	520	0037
0432		113.6										

031	N40	51.0	177	32	.../...	04	0251	52	27/104P008	02	439	008
TOC	W082	04.2	193			0017	....	M04		34	447	0045
0401												

018	N40	32.9	177	32	.../...	02	0248	52	27/104P008	02	439	003
BOBCT	W082	00.8	193			0019	....	M04		34	447	0048

0383

006 N40 27.0 180 31 .../... 01 0248 50 27/107P010 01 441 001
BIGLE W081 59.7 194 0020 M04 34 451 0048
0377

007 N40 19.6 180 31 .../... 01 0247 51 27/108P010 01 440 001
BLISS W081 58.4 194 0021 M05 34 450 0049
0370

023 N39 56.8 180 31 .../... 03 0243 51 27/107P008 00 440 003
OTMAN W081 54.3 194 0024 M05 34 448 0053
0347

014 N39 42.6 180 30 .../... 02 0242 49 27/105P006 01 436 002
JAMOX W081 51.7 194 0026 M05 35 442 0054
0333

057 N38 45.8 185 30 .../... 08 0233 49 27/105M007 02 435 009
LAYED W081 47.9 199 0034 M05 35 428 0063
0276

025 N38 21.0 185 30 .../... 03 0229 48 27/104M009 02 436 004
HVQ W081 46.2 199 0037 M04 36 427 0067
0251 117.4

047 N38 18.9 095 29 .../... 06 0224 46 27/102P102 02 433 005
FIMPA W080 46.0 101 0043 M04 36 535 0072
0204

015 N38 18.2 101 29 .../... 01 0222 45 27/101P100 02 433 002
WOJOW W080 27.6 102 0044 M03 36 533 0074
0189

031 N38 26.0 084 29 .../... 04 0218 45 27/101P098 02 433 004
BURTT W079 48.9 081 0048 M03 37 531 0078
0158

009 N38 28.3 084 29 .../... 01 0217 45 27/101P098 02 433 001
PHOOW W079 37.7 081 0049 M03 37 531 0079
0149

006 N38 29.9 085 29 .../... 00 0216 45 27/101P099 02 433 001
HESEE W079 29.7 082 0049 M03 37 532 0080
0143

022 N38 35.2 085 29 .../... 03 0213 45 27/101P099 01 433 003
GYSLO W079 03.0 083 0052 M03 37 532 0083
0121

011 N38 37.5 087 29 .../... 01 0212 45 27/101P100 01 433 001
BBONE W078 49.4 086 0053 M03 37 533 0084
0110

019 N38 43.2 083 29 .../... 02 0210 46 27/101P098 01 432 002
TOD W078 26.4 080 0055 M04 37 530 0086
0091

003 N38 43.9 083 DC .../... 00 0209 46 27/100P099 01 440 001
KILMR W078 22.6 080 0055 M04 37 539 0087

0088

011 N38 51.3 057 DC .../... 01 0209 38 26/097P074 04 423 000
OTTTO W078 12.3 049 0056 M01 37 497 0087
0077

007 N38 53.4 083 DC .../... 01 0209 33 26/094P094 02 411 000
MAAAY W078 03.7 080 0057 00 37 505 0087
0070

006 N38 55.3 082 DC .../... 01 0208 29 26/090P090 04 401 000
RYPIN W077 56.1 079 0058 00 37 491 0088
0064

009 N38 57.9 083 DC .../... 01 0208 24 27/083P086 04 386 000
GIBBZ W077 45.6 079 0059 P01 37 472 0088
0055

006 N38 57.1 108 DC .../... 01 0208 19 27/078P081 04 378 000
SUNYJ W077 37.4 110 0100 P02 36 459 0088
0049

006 N38 51.2 169 DC .../... 01 0208 16 28/073P022 04 367 000
SIYOB W077 34.4 180 0101 P01 36 389 0088
0043

013 N38 38.0 193 DC .../... 02 0207 09 29/062P003 04 343 001
MIKEJ W077 35.0 204 0103 00 36 346 0089
0030

030 N38 56.8 024 DC .../... 10 0193 12 27/018P001 04 186 014
KIAD W077 27.6 035 0113 M01 36 187 0103
0000

FP AJI9363 MD83/L 439 YIP 1830 320
YIP..CRL.J34.DJB.J85.HVQ.GIBBZ2.IAD/0113

END OF JEPPESEN DATAPLAN
REQUEST NO. 1688

REQUEST NO. 27718

* Terminal Weather *

+-----+
| Departure Terminal |
+-----+

DETROIT WILLOW RUN (YIP) KYIP

METAR KYIP 081653Z 26035G50KT 10SM CLR 11/M11 A2981 RMK AO2 PK WND
26055/1639 SLP095 T01061106=

KYIP 081401Z 0814/0912 23028G42KT P6SM SKC
FM081600 24033G47KT P6SM SKC
FM082100 26034G48KT P6SM SKC
FM082300 26025G38KT P6SM FEW250
FM090100 26014KT P6SM FEW150 SCT250
FM090600 27009KT P6SM SCT150 BKN250=

KYIP APT 2017030CDFAV01 03/036 17 09MAR1700/17 09MAR2100
YIP NAV ILS RWY 05R DME OUT OF SERVICE
1703091700-1703092100

KYIP APT 20170309E8EV01 03/029 17 07MAR0018/17 10MAR2222
YIP TWY G HLDG PSN SIGN WEST SIDE FOR APCH END RWY 23R
NOT LGTD 1703070018-1703102222

KYIP APT 2017022868DV02 Z1093/10 10 29JUL0001/ PERM
(JEPPESEN TERMINAL CHART CHANGE NOTICE)
(20-2C) SPTN 3 ARRIVAL PRIVATE AIRPORT TECUMSEH PRODUCTS
REMOVED.

KYIP APT 20170219A09V01 02/154 17 14FEB0934/17 16MAR0933
YIP OBST TOWER LGT (ASR 1048686) 421802.70N0833827.80W
(6.1NM NW YIP) 1255.2FT (395.0FT AGL) OUT OF SERVICE
1702140934-1703160933

KYIP APT 2017013CA5BV01 7/8917 17 29JAN2221/17 10SEP2221 EST
YIP IAP WILLOW RUN, DETROIT, MI.
ILS OR LOC RWY 5R, AMDT 15...
CIRCLING CAT A/B/C MDA 1220/HAA 504.
1701292221-1709102221EST.

KYIP APT 2017013C2ACV01 01/319 17 30JAN1215/17 31MAR2300 EST
YIP OBST CRANE (ASN 2016-AGL-16707-OE) 421358N0833250W
(0.9NM WSW YIP) 864FT (160FT AGL) FLAGGED 1701301215-1703312300EST

KYIP APT 2016100F241V01 6/8190 16 12OCT1855/17 24MAY1855 EST
YIP SID WILLOW RUN, DETROIT, MI.
PALACE NINE DEPARTURE...
ST. CLAIR NINE DEPARTURE...
NOTE: ATC ASSIGNED ONLY.
1610121855-1705241855EST

KYIP APT 2016070422FV01 07/010 16 05JUL1657/ PERM
YIP NAV ILS RWY 05R OM DECOMMISSIONED 1607051657-PERM

KYIP APT 20160704224V01 07/009 16 05JUL1655/ PERM
YIP NAV ILS RWY 05R YIPPS LOM DECOMMISSIONED
1607051655-PERM

KYIP APT 2014111E9C2V02 11/146 14 21NOV1955/ PERM
YIP NAV ILS RWY 23L OM DECOMMISSIONED 1411211955-PERM.

KYIP APT 20141102476V02 11/006 14 03NOV1532/ PERM
YIP NAV ILS RWY 23L CARRS LOM OUT OF SERVICE
1411031532-PERM.

NO DATA AVAILABLE FOR: PIREP

+-----+
| Destination |
+-----+

WASHINGTON WASHINGTON DULLES INTL (IAD) KIAD

METAR KIAD 081652Z 26011G20KT 10SM FEW045 15/M07 A3011 RMK AO2
SLP195 T01501067=

KIAD 081447Z 0815/0918 28013G24KT P6SM SKC
FM081900 26018G30KT P6SM SKC
FM090000 26010KT P6SM SKC
FM091100 22006KT P6SM FEW200
FM091500 25010G20KT P6SM SCT150=

KIAD APT 2017030D815V01 03/070 17 08MAR1652/17 08MAR1900
IAD TWY Z BTN RWY 12/30 AND TWY Q CLOSED
1703081652-1703081900

KIAD APT 2017030CE62V01 03/068 17 09MAR1400/17 09MAR1500
IAD AD AP RVR ALL OUT OF SERVICE 1703091400-1703091500

KIAD APT 2017030CDDCV01 03/067 17 09MAR1400/17 09MAR1600
IAD RWY 30 PAPI OUT OF SERVICE 1703091400-1703091600

KIAD APT 2017030C4EBV01 03/066 17 08MAR1930/17 08MAR2230
IAD RWY 19C ALS OUT OF SERVICE 1703081930-1703082230

KIAD APT 2017030C2DDV01 03/065 17 08MAR2100/17 08MAR2359
IAD NAV ILS RWY 19R DME OUT OF SERVICE
1703082100-1703082359

KIAD APT 2017030C2DCV01 03/064 17 08MAR2100/17 08MAR2359
IAD NAV ILS RWY 01L DME OUT OF SERVICE
1703082100-1703082359

KIAD APT 2017030B653V01 03/063 17 07MAR1712/17 31MAR0001
IAD TWY Z HLDG PSN MARKINGS FOR RWY 12/30 REMOVED
1703071712-1703310001

KIAD APT 2017030B4E0V01 03/060 17 07MAR2100/17 09MAR0300
IAD TWY J1 RUNUP BLOCK FOR RWY 19L CLOSED
1703072100-1703090300

KIAD APT 2017030B088V01 03/058 17 07MAR1424/17 31MAR0001
IAD TWY Y11 HLDG PSN MARKINGS FOR APCH END RWY 30
REMOVED 1703071424-1703310001

KIAD APT 2017030B087V01 03/057 17 07MAR1423/17 31MAR0001
IAD TWY Y HLDG PSN MARKINGS FOR RWY 12/30 REMOVED
1703071423-1703310001

KIAD APT 201703097A0V01 03/043 17 06MAR1905/17 31MAR0401
IAD TWY Q4 HLDG PSN MARKINGS REMOVED
1703061905-1703310401

KIAD APT 201703094E4V01 03/042 17 06MAR1708/17 31MAR0001
IAD TWY Q3 HLDG PSN MARKINGS REMOVED
1703061708-1703310001

KIAD APT 20170307DFAV01 03/036 17 08MAR2000/17 08MAR2045
IAD RWY 01R ALS OUT OF SERVICE 1703082000-1703082045

KIAD APT 20170305978V01 03/027 17 03MAR1842/17 31MAR0001
IAD TWY Q2 HLDG PSN MARKINGS FOR RWY 12/30 REMOVED
1703031842-1703310001

KIAD APT 20170305586V01 03/025 17 03MAR1546/17 31MAR0001
IAD TWY Q1 HLDG PSN MARKINGS REMOVED
1703031546-1703310001

KIAD APT 2017030538FV01 03/024 17 03MAR1444/17 31MAR0001
IAD TWY Q HLDG PSN MARKINGS FOR APCH END RWY 12 REMOVED
1703031444-1703310001

KIAD APT 2017021159EV01 7/2961 17 09FEB1623/17 21SEP1623 EST
IAD IAP WASHINGTON DULLES INTL,
WASHINGTON, DC.
RNAV (GPS) Y RWY 19C, AMDT 3C...
LNAV/VNAV DA 842/HAT 573, VIS 1 1/2 ALL CATS.
LNAV MDA 780/HAT 511 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D RVR
5500.
VDP 1.37 NM TO RW19C.
TEMP CRANE 464 MSL 1.22 NM N OF RWY 19C (2016-AEA-362/363-NRA).
1702091623-1709211623EST

KIAD APT 2017021159DV01 7/2960 17 09FEB1623/17 21SEP1623 EST
IAD ODP WASHINGTON DULLES INTL,
WASHINGTON, DC.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...
TAKEOFF MINIMUMS: RWY 1C, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB
OF 362 FT PER NM TO 600. RWY 1L, 300-1 OR STANDARD WITH MINIMUM
CLIMB OF 243 FT PER NM TO 500. NOTE: RWY 1C, TEMP CRANE 5018 FT
FROM DER, 1267 FT RIGHT OF CENTERLINE, 187 FT AGL/448 FT MSL
(2016-AEA-362-NRA). TEMP CRANE 1.21 NM FROM DER, 24 FT RIGHT OF
CENTERLINE, 187 FT AGL/464 FT MSL (2016-AEA-363-NRA). RWY 01L, TEMP
CRANES BEGINNING 4147 FT FROM FROM DER, 84 FT RIGHT OF CENTERLINE,
UP TO 137 FT AGL/400 FT MSL (2015-AEA-808-NRA)
(2015-AEA-1031/1032/1033/1034/1035-NRA). TEMP CRANE 5230 FT FROM
DER, 1640 FT RIGHT OF CENTERLINE, 170 FT AGL/439 FT MSL
(2016-AEA-946-NRA).
ALL OTHER DATA REMAINS AS PUBLISHED. 1702091623-1709211623EST

KIAD APT 2017021159CV01 7/2959 17 09FEB1623/17 21SEP1623 EST
IAD SID WASHINGTON DULLES INTL, WASHINGTON, DC.
CAPITAL NINE DEPARTURE...
TAKEOFF MINIMUMS: RWY 1C, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB
OF 362 FT PER NM TO 600. TAKE-OFF OBSTACLES NOTES: RWY 1C: TEMP
CRANE 5018 FT FROM DER, 1267 FT RIGHT OF CENTERLINE, 187 FT AGL/448
FT MSL (2016-AEA-362-NRA). TEMP CRANE 1.21 NM FROM DER, 24 FT RIGHT
OF CENTERLINE, 187 FT AGL/464 FT MSL (2016-AEA-363-NRA).
ALL OTHER DATA REMAINS AS PUBLISHED.
1702091623-1709211623EST

KIAD APT 2017021159BV01 7/2958 17 09FEB1623/17 21SEP1623 EST
IAD IAP WASHINGTON DULLES INTL,
WASHINGTON, DC.
RNAV (RNP) Z RWY 19C, ORIG-D...
RNP 0.30 DA 802/HAT 530, VIS 1 3/8 ALL CATS.
TEMP CRANE 464 MSL 1.22 NM N OF RWY 19C (2016-AEA-362/363-NRA).
1702091623-1709211623EST

KIAD APT 2017021159AV01 7/2957 17 09FEB1623/17 21SEP1623 EST
IAD IAP WASHINGTON DULLES INTL,
WASHINGTON, DC.
ILS OR LOC/DME RWY 19C, AMDT 25A...
S-LOC MDA 780/HAT 511 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D RVR
5500.
TEMP CRANE 464 MSL 1.22 NM N OF RWY 19C (2016-AEA-362/363-NRA).
1702091623-1709211623EST

KIAD APT 2017020CF7AV01 7/2133 17 07FEB2244/17 19SEP2244 EST
IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC.
ILS OR LOC RWY 1R, AMDT 24B...
S-LOC 1R MDA 820/HAT 508 ALL CATS. VIS CATS C/D RVR 5500.
VDP 1.13 DME FROM I-IAD OR 1.37 NM TO RW01R.
TOWER 514 MSL 5.20 NM SOUTH OF RWY 1R.
1702072244-1709192244EST.

KIAD APT 201701328E3V01 01/165 17 24JAN1607/18 31JAN2359 EST
IAD AIRSPACE SEE FDC 1/1155, 6/1117, 6/7196, 6/7201,
6/7215 ZDC SPECIAL SECURITY INSTRUCTIONS 1701241607-1801312359EST

KIAD APT 20170130ED6V01 01/159 17 24JAN0003/17 30JUN2359
IAD RWY 01C 4000FT DIST REMAINING SIGN MISSING
1701240003-1706302359

KIAD APT 20170109057V01 7/1199 17 05JAN1608/17 17AUG1608 EST
IAD IAP WASHINGTON DULLES INTL,
WASHINGTON, DC.
RNAV (GPS) Y RWY 19C, AMDT 3C...
LNAV MDA 760/ HAT 488 ALL CATS, VISIBILITY CAT C RVR 5000. VDP
1.31NM TO RW19C. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALSF-2,
INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 MILE. TEMPORARY CRANE 460
MSL 5641FT NORTHWEST OF RWY 19C (2016-AEA-2061-NRA).
1701051608-1708171608EST

KIAD APT 20170105894V01 01/012 17 04JAN0943/17 01APR0359
IAD TWY Z CL MARKINGS BTN TWY Y8 AND TWY Z7 FADED
1701040943-1704010359

KIAD APT 201611012FAV01 11/005 16 01NOV2000/ PERM
IAD NAV ILS RWY 01L BEYOND 25DEG LEFT OF RCL UNUSABLE
1611012000-PERM.

KIAD APT 20161028940V01 6/9402 16 31OCT1242/17 12JUN1242 EST
IAD IAP WASHINGTON DULLES INTL,
WASHINGTON, DC.
ILS OR LOC/DME RWY 1L, AMDT 1B...
S-LOC 1L MDA 680/HAT 384 ALL CATS, VIS CATS A/B 1/2, CATS C/D 5/8.
VDP: 2.70 DME FROM OIU LOC.
TEMP CRANES 478 MSL 4.12 NM S OF RWY 1L (2016-AEA-6216/6219-OE).
1610311242-1706121242EST

KIAD APT 2016101A4C6V01 6/4399 16 20OCT1738/17 01JUN1738 EST
IAD SID WASHINGTON DULLES INTL, WASHINGTON, DC.
BUNZZ THREE DEPARTURE (RNAV)...
CAPITAL NINE DEPARTURE...
JCOBY THREE DEPARTURE (RNAV)...
JERES TWO DEPARTURE (RNAV)...
MCRAY TWO DEPARTURE (RNAV)...
RNLDI FOUR DEPARTURE (RNAV)...
TAKEOFF OBSTACLE NOTES: RWY 01L, TEMP CRANES BEGINNING 4147 FT FROM
FROM DER, 84 FT RIGHT OF CENTERLINE, UP TO 137 FT AGL/400 FT MSL,
(2015-AEA-808-NRA) (2015-AEA-1031/1032/1033/1034/1035-NRA).
ALL OTHER DATA REMAINS AS PUBLISHED. 1610201738-1706011738EST.

KIAD APT 201610104C7V01 6/8832 16 13OCT1311/17 25MAY1311 EST
IAD SID WASHINGTON DULLES INTL, WASHINGTON, DC.
JCOBY THREE DEPARTURE (RNAV)...
CHANGE NOTE: PART 121 AIRCRAFT ONLY TO READ, COLIN TRANSITION: PART
121 AIRCRAFT ONLY.
CHANGE NOTE: PART 129 AIRCRAFT ATC ASSIGNED ONLY TO READ,
AGARD/SWANN TRANSITION: PART 121 AND PART 129 AIRCRAFT ONLY.
ALL OTHER DATA REMAINS AS PUBLISHED. 1610131311-1705251311EST.

KIAD APT 2016091167CV01 6/2613 16 15SEP1525/ PERM
IAD STAR WASHINGTON DULLES INTERNATIONAL, WASHINGTON, DC.,
PRIVO ONE ARRIVAL...AMEND TO READ: DAFIX TO OVIEE, MEA 10000FT.
PROCEDURE ENDS AT TWEAK INT. DEPART TWEAK INT HEADING 190, EXPECT
RADAR VECTORS TO FINAL APPROACH COURSE. FDK VOR R-185 UNUSABLE
1609151525-PERM.

KIAD APT 2016090F836V01 6/1208 16 15SEP0000/ PERM
IAD STAR WASHINGTON DULLES INTL, WASHINGTON, D.C.
COATT FOUR ARRIVAL...RADAR AND DME REQUIRED.
1609150000-PERM.

KIAD APT 20111010EC2V02 A0614/11 11 20OCT0500/ UFN
N10A AND N14A NORTH AMERICAN ROUTES, NON-COMMON PORTION FOR
AIRCRAFT LANDING DULLES INTERNATIONAL AIRPORT (IAD) REVISED TO:
BERGH L454 BOUNO CREEL J62 RBV HYPER3 ARRIVAL (RNAV EQUIPPED
AIRCRAFT ONLY). NON-RNAV EQUIPPED AIRCRAFT LANDING IAD MUST FILE
CONVENTIONAL ROUTINGS IN LIEU OF N10A AND N14A.
IF FURTHER INFORMATION IS REQUIRED PLEASE CONTACT MR. CHRIS
WINKLELEER, MANAGER, ZNY OPERATIONS SUPPORT AT 1-631-468-1018.

+-----+
| Destination Alternates |
+-----+

BALTIMORE -WASHINGTON INTL MARSHALL (BWI) KBWI

KBWI 081654Z 26013G20KT 10SM FEW050 FEW110 FEW250 15/M05 A3010 RMK
AO2 PK WND 27028/1605 SLP190 T01501050=

KBWI 081448Z 0815/0918 29013G24KT P6SM SKC
FM081800 26016G34KT P6SM SKC
FM090000 26008KT P6SM SKC=

KBWI APT 2017030ADC5V01 03/034 17 07MAR1315/17 22MAR0500
BWI OBST TOWER LGT (ASR 1038566) 391159.30N0764600.30W
(4.7NM WNW BWI) 607.9FT (373.0FT AGL) OUT OF SERVICE
1703071315-1703220500

KBWI APT 20170309786V01 03/028 17 09MAR1900/17 10MAR0100
BWI SVC MICROBURST/WS DETECTION SYSTEM NOT AVBL
1703091900-1703100100

KBWI APT 201703089C2V01 03/027 17 06MAR1130/17 15MAY1100
BWI TWY S BTN TWY N AND TWY M CLOSED 1703061130-1705151100

KBWI APT 201703089B1V01 03/026 17 06MAR1130/17 15MAY1100
BWI TWY P BTN TWY B AND TWY S CLOSED 1703061130-1705151100

KBWI APT 201703089B0V01 03/025 17 06MAR1130/17 15MAY1100

BWI TWY K BTN RWY 15L/33R AND TWY S CLOSED
1703061130-1705151100

KBWI APT 20170305D7FV01 03/019 17 03MAR2216/17 18MAR2216
BWI OBST TOWER LGT (ASR 1036287) 391519.00N0764030.00W
(4.8NM N BWI) 752.0FT (518.0FT AGL) OUT OF SERVICE
1703032216-1703182216

KBWI APT 20170233348V01 02/092 17 28FEB1944/17 31MAR2000
BWI APRON TAXILANE AA BTN FREIGHT RAMP AND TAXILANE B
WORK IN PROGRESS NW EDGE 1702281944-1703312000

KBWI APT 20170222C8D8V01 7/7905 17 25FEB1300/17 28MAR2018 EST
BWI IAP BALTIMORE/WASHINGTON INTL THURGOOD
MARSHALL, BALTIMORE, MD.
RNAV (GPS) Y RWY 28, AMDT 2...
LNAV MDA 540/HAT 397 ALL CATS. VIS CATS C/D RVR 4000.
VDP NA.
TEMP CRANE 229 MSL 1.5 NM E OF RWY 28 (2016-AEA-10419-OE).
1702251300-1703282018EST

KBWI APT 20170222C8D7V01 7/7904 17 25FEB1300/17 28MAR2018 EST
BWI IAP BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD.
ILS OR LOC RWY 28, AMDT 17...
ZIXUS FIX MINIMUMS (DME REQUIRED)
S-LOC 28 MDA 540/HAT 397 ALL CATS. VIS CATS C/D RVR 4000.
VDP NA.
TEMP CRANE 229 MSL 1.5 NM E OF RWY 28 (2016-AEA-10419-OE).
1702251300-1703282018EST.

KBWI APT 201701328B5V01 01/121 17 24JAN1605/18 31JAN2359 EST
BWI AIRSPACE SEE FDC 1/1155, 6/1117, 6/7196, 6/7201,
6/7215 ZDC SPECIAL SECURITY INSTRUCTIONS 1701241605-1801312359EST

KBWI APT 20161018A34V01 6/3095 16 19OCT1709/17 31MAY1709 EST
BWI IAP BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD.
ILS OR LOC RWY 33L, AMDT 12...
RNAV (GPS) Y RWY 33L, AMDT 4...
RNAV (RNP) Z RWY 33L, AMDT 3...
CHART PROFILE NOTE: VGSI AND GLIDE SLOPE NOT COINCIDENT..
1610191709-1705311709EST

KBWI APT 20160318D58V01 Z0725/16 WIE / PERM
(JEPPESEN TERMINAL CHART CHANGE NOTICE)
(10-9 11-1 11-1A 11-1B 12-1 12-20 13-1) - RWY 10 PAPI-R
(ANGLE 3.00) ADDED.

KBWI APT 2012010AFAAV01 006/12/A/04 WIE / UFN
RWY 33R "BWI" DME OTS INDEFY.

* Flight Hazards and Area Forecasts *

SIGMETS

No reports available

AREA FORECASTS

FAUS41 KPCI 081155 AAA

FA1W

BOSC FA 081155 AMD

SYNOPSIS AND VFR CLDS/WX

SYNOPSIS VALID UNTIL 090400

CLDS/WX VALID UNTIL 082200...OTLK VALID 082200-090400

ME NH VT MA RI CT NY LO NJ PA OH LE WV MD DC DE VA AND CSTL WTRS

.
SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.
TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.
NON MSL HGTS DENOTED BY AGL OR CIG.

.
SYNOPSIS...WRMFNT NW CRNR ME-S CNTRL CSTL WTRS ME. CDFNT NW CRNR
ME-CSTLN NJ-XTRM SE VA-WRN PNHDL FL-NRN GLFMEX. HI PRES RMNDR.
04Z CDFNT WRN LO-NW OH. CDFNT ATLC INTL WTRS. HI PRES RMNDR.

.
ME

NW...OVC020-030 TOP FL220. VIS 3SM -FZRAPL BR. BECMG 1013 VIS 3SM
-RA BR. BECMG 1720 SCT-BKN050 LYRD 120. OTLK...VFR.

NERN...OVC015 TOP FL220. VIS 3SM -RA BR. 15Z VIS 3-5SM SCT -SHRA.
18Z OVC020 TOP 120. OTLK...MVFR CIG.

S HLF...OVC010 TOP FL200. VIS 3SM -RA BR. BECMG 1619 SCT030
BKN050 TOP 100. 21Z SCT050 SCT CI. OTLK...VFR.

.
NH VT

SE NH...BKN010 OVC030 TOP FL200. VIS 3SM -RA BR. 15Z SCT035
BKN070 TOP 120. WND NW G25KT. OTLK...VFR.

RMNDR...OVC030 TOP 160 BKN CI. VIS 3-5SM SCT -SHRA. BECMG 1518
SCT-BKN060 TOP 120. ISOL -SHRA. OTLK...VFR.

.
MA RI CT

W HLF...BKN015-020 TOP 150 BKN CI. VIS 3SM -RA BR. BECMG 1316
SCT050 SCT120. WND WLY G25KT. 20Z SCT070. WND SW 20G30KT.
OTLK...VFR TIL 02Z WND.

E HLF...OVC010 TOP FL220. VIS 3-5SM SHRA BR. 13Z BKN025 TOP 150.
BKN CI. ISOL -SHRA. WND SW G25KT. 17Z SCT070 SCT CI. WND SLY
20G30KT. OTLK...VFR WND.

.
NY LO

SERN NY-LONG ISLAND...BKN015 TOP 150 BKN CI. VIS 3-5SM -RA BR.
13Z SCT020 BKN070. WND NW G25KT. 18Z SCT070. WND WLY 20G30KT.
OTLK...VFR TIL 02Z WND.

NERN NY...BKN030 TOP 150 BKN CI. WDLY SCT -SHRA. 14Z SCT030
SCT-BKN050 LYRD 120. 18Z WDLY SCT -SHRA. WND WLY 20G30KT.
OTLK...VFR SHRA WND.

CNTRL-WRN NY/LO...

LAKE ONTARIO AND LEE OF LAKE...SCT070 SCT150. AFT 13Z WND SW
G25KT INCRG TO 20G30KT AFT 15Z. AFT 18Z WND WLY 30G50KT.
OTLK...VFR WND.

RMNDR...BKN035 LYRD 150 BKN CI. WDLY SCT -SHRA. 13Z SCT050 BKN
CI. 15Z SCT CI. WND 20G30KT. OTLK...VFR WND.

PA NJ

S CNTRL-SERN PA/S NJ...BKN030 BKN070 TOP 140 BKN CI. WDLY SCT
-SHRA. BECMG 1013 OVC050 TOP 120. 15Z SKC OCNL SCT CI. WND NW
G25KT. AFT 20Z WND WLY 20G30KT. OTLK...VFR TIL 03Z WND.
N NJ...BKN015 TOP 150 BKN CI. VIS 3-5SM -RA BR. 13Z SCT020
BKN070. WND NW G25KT. 18Z SCT070. WND WLY 20G30KT. OTLK...VFR TIL
02Z WND.
W PA...BKN035 TOP 070 BECMG 1214 SKC OCNL SCT CI. WND WLY G25KT.
AFT 18Z WND WLY 20G35KT. OTLK...VFR TIL 02Z WND.
RMNDR PA...BKN035 TOP 150 BKN CI. WDLY SCT -SHRA. 13Z SCT050 SCT
CI. WND WLY G25KT. AFT 18Z WND WLY 20G30KT. OTLK...VFR TIL 02Z
WND.

OH LE

N HLF OH/LE...SKC. AFT 12Z WND WLY G25KT. AFT 18Z WND W 30G45KT.
OTLK...VFR TIL 00Z WND.
S HLF OH...SKC. AFT 16Z WND WLY 20G30KT. OTLK...VFR TIL 01Z WND.

WV MD DC DE VA...UPDT

APLCNS...SCT100. 14Z SKC. WND WLY 20G30KT. OTLK...VFR.
WV W OF APLCNS...SCT100. 15Z SKC. WND WLY 20G30KT. OTLK...VFR TIL
01Z WND.
RMNDR NRN VA/MD/DC/DE...BKN020 BKN070 TOP 140 BKN CI. WDLY SCT
-SHRA. WND W G25KT. BECMG 1215 SKC OCNL SCT CI. WND NW G25KT.
OTLK...VFR TIL 00Z WND.
S CNTRL VA...BKN030 LYRD FL240. WDLY SCT -SHRA. 12Z SCT040
BKN120. 15Z SCT CI. WND W G25KT. 18Z SKC. OTLK...VFR.
SE VA...SCT015 BKN030 LYRD FL240. WDLY SCT -SHRA. 12Z BKN035 TOP
120 BKN CI. WND NW G25KT. 19Z SKC. OTLK...VFR.

CSTL WTRS

ACK NWD...BKN010 TOP FL220. VIS 3-5SM -RA BR. WND SLY 20G30KT.
BECMG 1720 BKN050 TOP 120. ISOL -SHRA. WND WLY 20G30KT.
OTLK...VFR WND.
S AND W OF ACK...SCT030 BKN050 LYRD FL250. WDLY SCT -SHRA. WND
SLY G25KT. 14Z SCT-BKN030. WDLY SCT -SHRA/-TSRA. CB TOP FL350.
WND S 20G30KT. 17Z SCT030 SCT070. WND WLY 20G30KT. OTLK...VFR
WND.
S AND E OF ACK...SCT030 BKN050 LYRD FL250. WDLY SCT -SHRA. WND
SLY 20G30KT. 17Z SCT-BKN030 TOP FL250. WDLY SCT -SHRA/-TSRA. CB
TOP FL350. WND SW 20G35KT. 21Z SCT030 SCT120 SCT CI. ISOL -SHRA.
WND WLY 20G30KT. OTLK...VFR WND.

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FAUS41 KKCI 080945

FA1W

BOSC FA 080945

SYNOPSIS AND VFR CLDS/WX

SYNOPSIS VALID UNTIL 090400

CLDS/WX VALID UNTIL 082200...OTLK VALID 082200-090400

ME NH VT MA RI CT NY LO NJ PA OH LE WV MD DC DE VA AND CSTL WTRS

SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.

TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.

NON MSL HGTS DENOTED BY AGL OR CIG.

SYNOPSIS...WRMFNT NW CRNR ME-S CNTRL CSTL WTRS ME. CDFNT NW CRNR
ME-CSTLN NJ-XTRM SE VA-WRN PNHDL FL-NRN GLFMEX. HI PRES RMNDR.
04Z CDFNT WRN LO-NW OH. CDFNT ATLC INTL WTRS. HI PRES RMNDR.

ME

NW...OVC020-030 TOP FL220. VIS 3SM -FZRAPL BR. BECMG 1013 VIS 3SM
-RA BR. BECMG 1720 SCT-BKN050 LYRD 120. OTLK...VFR.
NERN...OVC015 TOP FL220. VIS 3SM -RA BR. 15Z VIS 3-5SM SCT -SHRA.
18Z OVC020 TOP 120. OTLK...MVFR CIG.
S HLF...OVC010 TOP FL200. VIS 3SM -RA BR. BECMG 1619 SCT030
BKN050 TOP 100. 21Z SCT050 SCT CI. OTLK...VFR.

NH VT

SE NH...BKN010 OVC030 TOP FL200. VIS 3SM -RA BR. 15Z SCT035
BKN070 TOP 120. WND NW G25KT. OTLK...VFR.
RMNDR...OVC030 TOP 160 BKN CI. VIS 3-5SM SCT -SHRA. BECMG 1518
SCT-BKN060 TOP 120. ISOL -SHRA. OTLK...VFR.

MA RI CT

W HLF...BKN015-020 TOP 150 BKN CI. VIS 3SM -RA BR. BECMG 1316
SCT050 SCT120. WND WLY G25KT. 20Z SCT070. WND SW 20G30KT.
OTLK...VFR TIL 02Z WND.
E HLF...OVC010 TOP FL220. VIS 3-5SM SHRA BR. 13Z BKN025 TOP 150.
BKN CI. ISOL -SHRA. WND SW G25KT. 17Z SCT070 SCT CI. WND SLY
20G30KT. OTLK...VFR WND.

NY LO

SERN NY-LONG ISLAND...BKN015 TOP 150 BKN CI. VIS 3-5SM -RA BR.
13Z SCT020 BKN070. WND NW G25KT. 18Z SCT070. WND WLY 20G30KT.
OTLK...VFR TIL 02Z WND.
NERN NY...BKN030 TOP 150 BKN CI. WDLY SCT -SHRA. 14Z SCT030
SCT-BKN050 LYRD 120. 18Z WDLY SCT -SHRA. WND WLY 20G30KT.
OTLK...VFR SHRA WND.
CNTRL-WRN NY/LO...
LAKE ONTARIO AND LEE OF LAKE...SCT070 SCT150. AFT 13Z WND SW
G25KT INCRG TO 20G30KT AFT 15Z. AFT 18Z WND WLY 30G50KT.
OTLK...VFR WND.
RMNDR...BKN035 LYRD 150 BKN CI. WDLY SCT -SHRA. 13Z SCT050 BKN
CI. 15Z SCT CI. WND 20G30KT. OTLK...VFR WND.

PA NJ

S CNTRL-SERN PA/S NJ...BKN030 BKN070 TOP 140 BKN CI. WDLY SCT
-SHRA. BECMG 1013 OVC050 TOP 120. 15Z SKC OCNL SCT CI. WND NW
G25KT. AFT 20Z WND WLY 20G30KT. OTLK...VFR TIL 03Z WND.
N NJ...BKN015 TOP 150 BKN CI. VIS 3-5SM -RA BR. 13Z SCT020
BKN070. WND NW G25KT. 18Z SCT070. WND WLY 20G30KT. OTLK...VFR TIL
02Z WND.
W PA...BKN035 TOP 070 BECMG 1214 SKC OCNL SCT CI. WND WLY G25KT.
AFT 18Z WND WLY 20G35KT. OTLK...VFR TIL 02Z WND.
RMNDR PA...BKN035 TOP 150 BKN CI. WDLY SCT -SHRA. 13Z SCT050 SCT
CI. WND WLY G25KT. AFT 18Z WND WLY 20G30KT. OTLK...VFR TIL 02Z
WND.

OH LE

N HLF OH/LE...SKC. AFT 12Z WND WLY G25KT. AFT 18Z WND W 30G45KT.
OTLK...VFR TIL 00Z WND.
S HLF OH...SKC. AFT 16Z WND WLY 20G30KT. OTLK...VFR TIL 01Z WND.

WV MD DC DE VA

APLCNS...

WV W OF APLCNS...SCT100. 15Z SKC. WND WLY 20G30KT. OTLK...VFR TIL
01Z WND.
RMNDR NRN VA/MD/DC/DE...BKN020 BKN070 TOP 140 BKN CI. WDLY SCT
-SHRA. WND W G25KT. BECMG 1215 SKC OCNL SCT CI. WND NW G25KT.

OTLK...VFR TIL 00Z WND.
S CNTRL VA...BKN030 LYRD FL240. WDLY SCT -SHRA. 12Z SCT040
BKN120. 15Z SCT CI. WND W G25KT. 18Z SKC. OTLK...VFR.
SE VA...SCT015 BKN030 LYRD FL240. WDLY SCT -SHRA. 12Z BKN035 TOP
120 BKN CI. WND NW G25KT. 19Z SKC. OTLK...VFR.

CSTL WTRS

ACK NWD...BKN010 TOP FL220. VIS 3-5SM -RA BR. WND SLY 20G30KT.
BECMG 1720 BKN050 TOP 120. ISOL -SHRA. WND WLY 20G30KT.
OTLK...VFR WND.

S AND W OF ACK...SCT030 BKN050 LYRD FL250. WDLY SCT -SHRA. WND
SLY G25KT. 14Z SCT-BKN030. WDLY SCT -SHRA/-TSRA. CB TOP FL350.
WND S 20G30KT. 17Z SCT030 SCT070. WND WLY 20G30KT. OTLK...VFR
WND.

S AND E OF ACK...SCT030 BKN050 LYRD FL250. WDLY SCT -SHRA. WND
SLY 20G30KT. 17Z SCT-BKN030 TOP FL250. WDLY SCT -SHRA/-TSRA. CB
TOP FL350. WND SW 20G35KT. 21Z SCT030 SCT120 SCT CI. ISOL -SHRA.
WND WLY 20G30KT. OTLK...VFR WND.

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VOLCANIC ASH ADVISORIES

FVXX22 KNES 081625
VA ADVISORY
DTG: 20170308/1625Z

VAAC: WASHINGTON

VOLCANO: FUEGO 342090
PSN: N1428 W09052

AREA: GUATEMALA

SUMMIT ELEV: 12346 FT (3763 M)

ADVISORY NR: 2017/057

INFO SOURCE: GOES-EAST. VOLCANO WEB CAMERA.

ERUPTION DETAILS: EMISSION NOT OBSERVED

OBS VA DTG: 08/1545Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: EMISSION NOT OBS IN SAT IMGRY. VA FM EARLIER
EMISSION DSPTD. ...KIM

NXT ADVISORY: NO FURTHER ADVISORIES
FVXX23 KNES 081501

VA ADVISORY
DTG: 20170308/1501Z

VAAC: WASHINGTON

VOLCANO: POPOCATEPETL 341090
PSN: N1901 W09837

AREA: MEXICO

SUMMIT ELEV: 17802 FT (5426 M)

ADVISORY NR: 2017/010

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB
CAMERA. 557TH WW.

ERUPTION DETAILS: VA EMISSION OBSERVED

OBS VA DTG: 08/1415Z

OBS VA CLD: SFC/FL190 N1916 W09832 - N1904 W09836
- N1904 W09837 - N1916 W09841 - N1916 W09832 MOV
N 5KT

FCST VA CLD +6HR: 08/2030Z SFC/FL190 NO ASH EXP

FCST VA CLD +12HR: 09/0230Z NO ASH EXP

FCST VA CLD +18HR: 09/0830Z NO ASH EXP

RMK: T+0 CONFIDENCE HIGH. VA EMISSION OBSVD IN
STLT IMGRY TRAVELING NORTH AT 5 KTS. VA EXPCTD
TO DSPT W/IN 6H. ...KIM

NXT ADVISORY: WILL BE ISSUED BY 20170308/2100Z
FVXX23 KNES 081418
VA ADVISORY
DTG: 20170308/1418Z

VAAC: WASHINGTON

VOLCANO: POPOCATEPETL 341090
PSN: N1901 W09837

AREA: MEXICO

SUMMIT ELEV: 17802 FT (5426 M)

ADVISORY NR: 2017/009

INFO SOURCE: VOLCANO WEB CAMERA.

ERUPTION DETAILS: EXHALATION OBSERVED AT 1400Z

RMK: WE HAVE RECEIVED INFORMATION SUGGESTING A
POSSIBLE VA EMISSION. WE WILL GATHER FURTHER
INFORMATION AND ISSUE A FULL ADVISORY AS SOON AS
POSSIBLE.

NXT ADVISORY: AS SOON AS POSSIBLE
FVXX23 KNES 081418
VA ADVISORY
DTG: 20170308/1418Z

VAAC: WASHINGTON

VOLCANO: POPOCATEPETL 341090
PSN: N1901 W09837

AREA: MEXICO

SUMMIT ELEV: 17802 FT (5426 M)

ADVISORY NR: 2017/009

INFO SOURCE: VOLCANO WEB CAMERA.

ERUPTION DETAILS: EXHALATION OBSERVED AT 1400Z

RMK: WE HAVE RECEIVED INFORMATION SUGGESTING A
POSSIBLE VA EMISSION. WE WILL GATHER FURTHER
INFORMATION AND ISSUE A FULL ADVISORY AS SOON AS
POSSIBLE.

NXT ADVISORY: AS SOON AS POSSIBLE

CONVECTIVE SIGMETS

WSUS32 KPCI 081655
SIGC
?MKCC WST 081655
CONVECTIVE SIGMET...NONE
OUTLOOK VALID 081855-082255
FROM 50NW LRD-100SE PSX-80E BRO-80W BRO-50NW LRD
WST ISSUANCES POSS. REFER TO MOST RECENT ACUS01 KWNS FROM STORM
PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.
WSUS32 KPCI 081655
SIGC
MKCC WST 081655
CONVECTIVE SIGMET...NONE

OUTLOOK VALID 081855-082255
FROM 50NW LRD-100SE PSX-80E BRO-80W BRO-50NW LRD
WST ISSUANCES POSS. REFER TO MOST RECENT ACUS01 KWNS FROM STORM
PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.

WSUS31 KPCI 081655
SIGC
MKCE WST 081655
CONVECTIVE SIGMET...NONE

OUTLOOK VALID 081855-082255
FROM 170SE SIE-180ESE ECG-150SSE ILM-190SSE ILM-190SE CHS-150ENE
OMN-100SSE CHS-60E ILM-80ESE ECG-140SE SBY-170SE SIE

WST ISSUANCES POSS ELY IN PD. REFER TO MOST RECENT ACUS01 KWNS
FROM STORM PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL
DETAILS.

WSUS31 KKCI 081655

SIGE

?MKCE WST 081655

CONVECTIVE SIGMET...NONE

OUTLOOK VALID 081855-082255

FROM 170SE SIE-180ESE ECG-150SSE ILM-190SSE ILM-190SE CHS-150ENE

OMN-100SSE CHS-60E ILM-80ESE ECG-140SE SBY-170SE SIE

WST ISSUANCES POSS ELY IN PD. REFER TO MOST RECENT ACUS01 KWNS

FROM STORM PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL

DETAILS.

* Enroute Airports *

WINDS AND TEMPS ALOFT FORECASTS (HIGH)

FDH DATA BASED ON 081200Z

VALID 081900Z FOR USE 081600Z TO 082200Z

	12000	18000	24000	30000	34000	39000	45000	50000
KDTW	2784M18	7809M25	7815M37	7810M48	2793M52	2786M51	2769M53	2754M55
CYQG	2782M19	7808M25	7815M37	7807M48	2793M52	2787M51	2770M52	2753M54
KCLE	2777M17	7801M24	7808M36	7711M49	7701M54	2694M52	2780M54	2760M56
KIAD	2864M08	2680M19	2696M33	7603M48	7601M56	7601M59	2781M55	2676M61

HOURLY SURFACE OBSERVATIONS

METAR KDTW 081653Z 25029G52KT 10SM FEW050 11/M13 A2982 RMK AO2 PK
WND 25059/1637 SLP100 T01061128 \$=

METAR CYQG 081700Z 25034G45KT 15SM FEW090 10/M08 A2980 RMK AC1
SLP097=

KCLE 081651Z 23032G43KT 10SM FEW030 11/M06 A2997 RMK AO2 PK WND
24044/1641 SLP151 T011111056=

TERMINAL FORECASTS

KDTW 081359Z 0814/0918 23028G42KT P6SM SKC
FM081600 24032G46KT P6SM SKC
FM082100 26033G47KT P6SM SKC
FM082300 26025G38KT P6SM FEW250
FM090100 26014KT P6SM FEW150 SCT250
FM090600 27009KT P6SM SCT150 BKN250
FM091200 24006KT P6SM BKN150=

TAF AMD CYQG 081526Z 0815/0912 23030G42KT P6SM FEW050
BECMG 0822/0824 27025G40KT
BECMG 0901/0903 27020G35KT

FM090600 29018G28KT P6SM FEW120
BECMG 0906/0908 29012G22KT
FM091100 28008KT P6SM BKN180
RMK NXT FCST BY 081800Z=

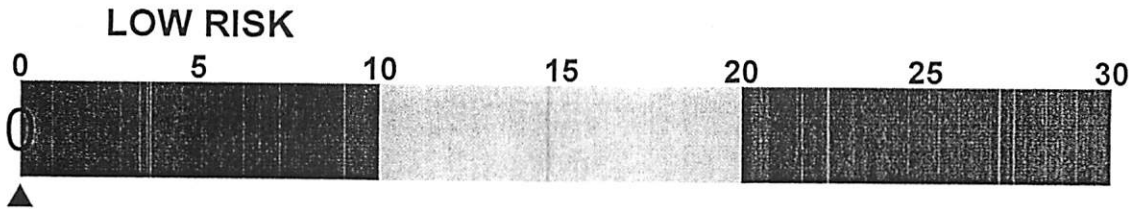
KCLE 081512Z 0815/0918 23025G35KT P6SM SKC
FM081700 24025G45KT P6SM SKC
FM082300 25025G35KT P6SM SKC
FM090300 26012KT P6SM SCT250
FM090900 25006KT P6SM BKN100
FM091500 26006KT P6SM SCT250=

TOTAL NUMBER OF NON_GRAPHIC: 24 NOTAMS: 3

END OF JEPPESEN DATAPLAN
REQUEST NO. 27718

Ameristar Charters Risk Assessment

Trip Number	XW002363	Leg	1
Tail Number	N786TW	Crew	ACG/MD
From	YIP	WILLOW RUN AIRPORT - DETROIT, MI USA	
To	IAD	WASHINGTON DULLES INTERNATIONAL - WASHINGTON, DC USA	



*** - LOW RISK**

- 2 or More MELs (Restricting operations)
- EXPERIENCE - PIC or SIC (in type) less than 100 hours
- RULES - Repositioning Flight - no revenue hours
- WX - Thunderstorms at Departure or Destination or wind gusts above 30 knots
- ICE - Icing Conditions or braking actions less than GOOD at departure or arrival airport
- WEATHER - Overcast Below 500 feet
- REST - Minimum Rest (less than 10 hours)
- REST - Length of Duty Day (Over 14 hours)
- Special Airport Or Mountainous Terrain or Uncertified Airport
- PERFORMANCE - Actual Aircraft weight is limited to less than structural limit or airport runway less than 6000 foot length.



Local Forecast

Go

HOME ADVISORIES FORECASTS OBSERVATIONS TOOLS NEWS SEARCH ABOUT USER

Current GTG ver 3 Forecast

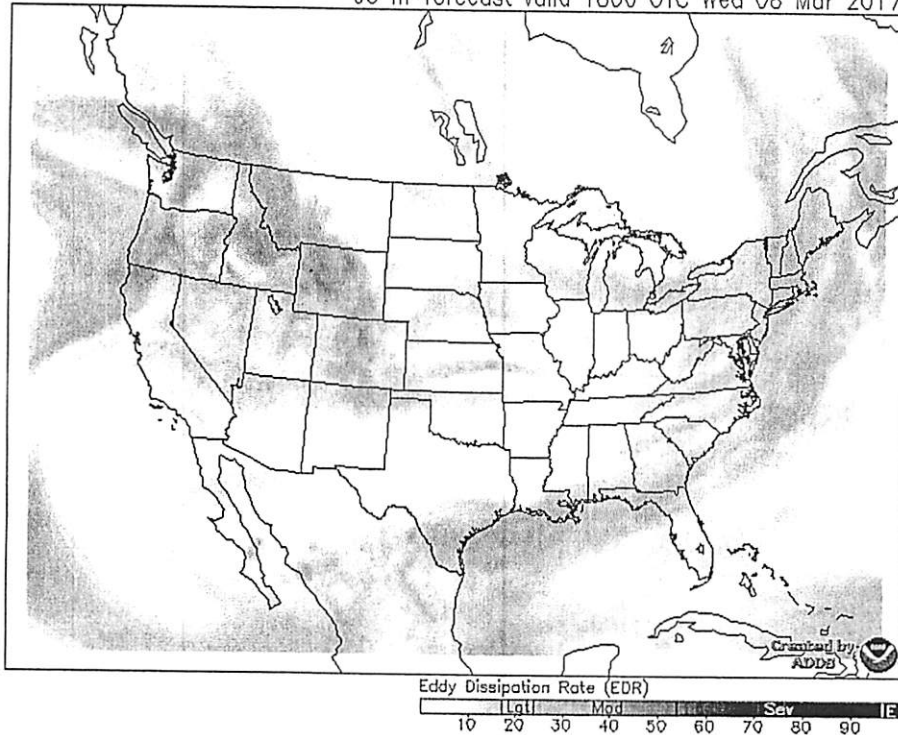
INFO

Turb. Home GTG Forecast

Aircraft: Heavy Plot: Combined Vertical level: FL310 Forecast time: 3hr - 18Z 08 Mar

GTG - Combined CAT+MTW at FL310

03 hr forecast valid 1800 UTC Wed 08 Mar 2017



Page loaded: 16:38 UTC | 08:38 AM Pacific | 09:38 AM Mountain | 10:38 AM Central | 11:38 AM Eastern

ADVISORIES

- SIGMET
G-AIRMET
Center Weather

FORECASTS

- Convection
Turbulence

FORECASTS

- Icing
Winds/Temps
Prog Charts
TAFs
WAFS Forecasts
Area Forecasts
Avn Forecast Disc (AFD)

OBSERVATIONS

- Aircraft Reps
METARs
Ceiling and Vis
Radar
Satellite

USER TOOLS

- Flightpath Tool
HEMS Tool
Text Data Server
Flight Folder
Decision Support
Standard Briefing
Aviation Testbed
Aviation Links

ABOUT US

- AWC
Legacy
Help
FAQ
Feedback



US Dept of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
National Centers for Environmental Prediction
Aviation Weather Center
7220 NW 101st Terr., Room 118
Kansas City, MO 64153-2371

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AVIATION WEATHER CENTER

NOAA NATIONAL WEATHER SERVICE

Local Forecast

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HOME ADVISORIES FORECASTS OBSERVATIONS TOOLS NEWS SEARCH ABOUT USER

Significant Weather (SigWx) Charts

Prog Home

High Level

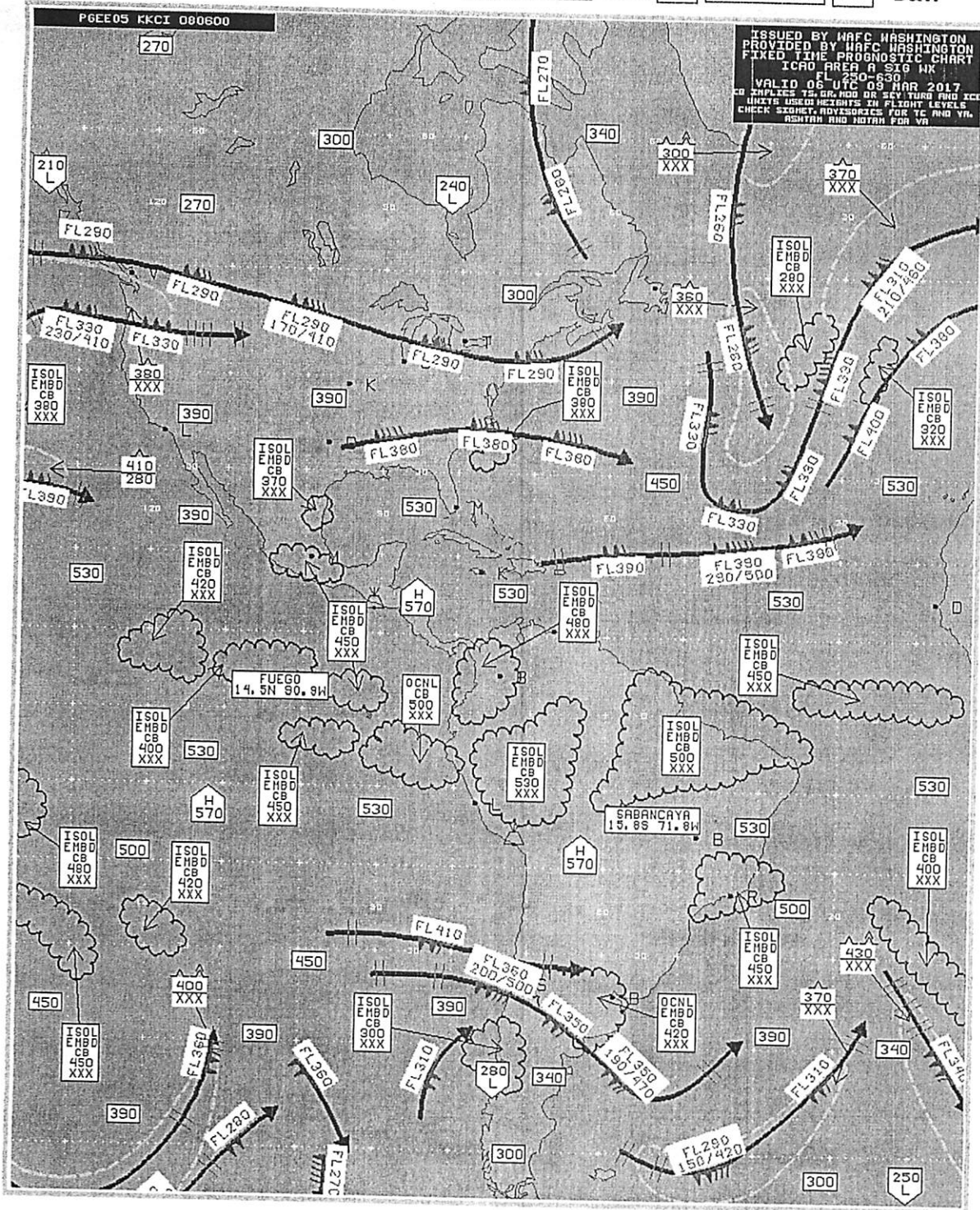
Mid Level

Low Level

Surface

INFO

High Level SigWx (FL250-630) Region: Time:



Page loaded: 16:39 UTC | 08:39 AM Pacific | 09:39 AM Mountain | 10:39 AM Central | 11:39 AM Eastern

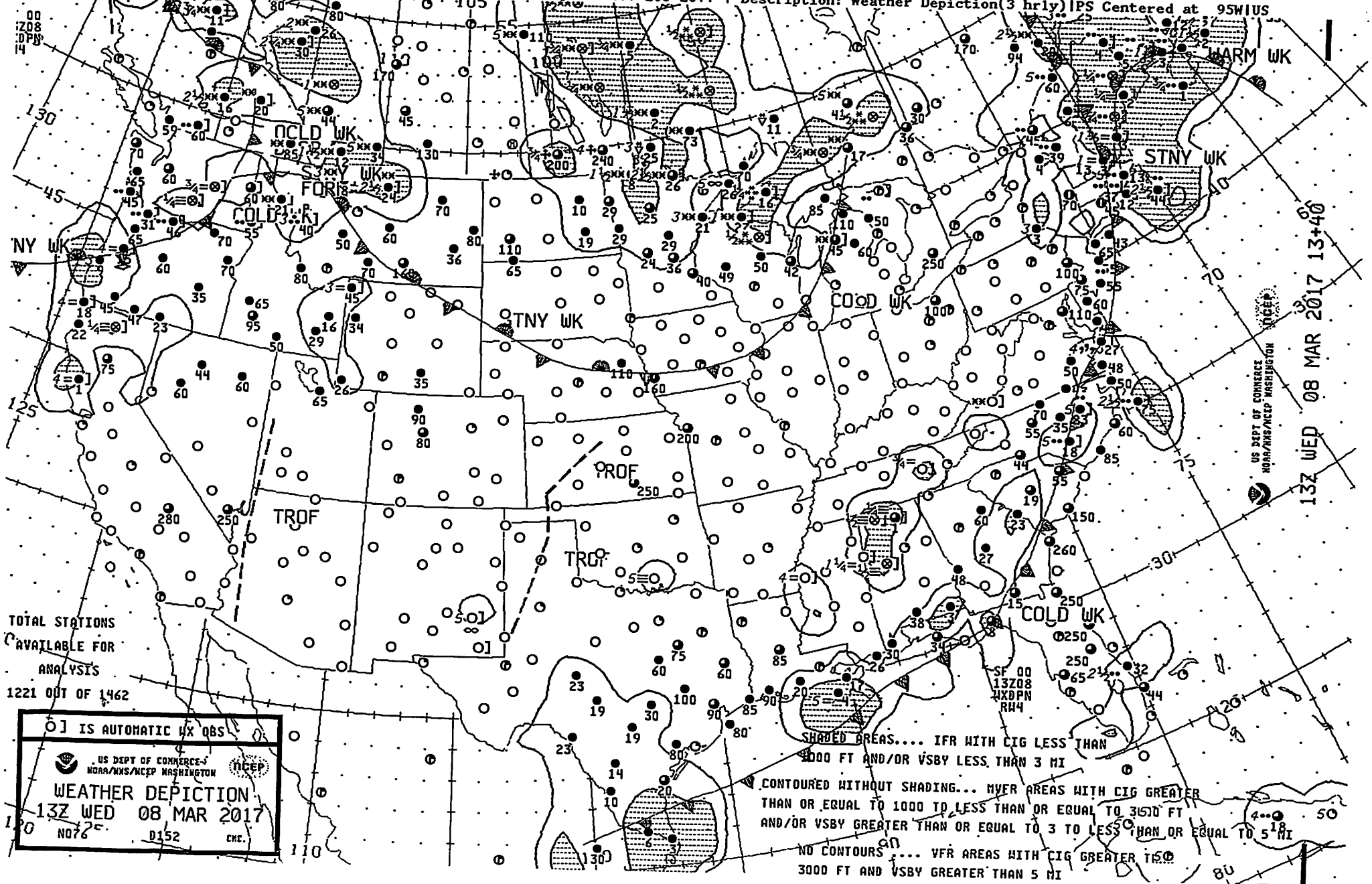
ADVISORIES
SIGMET

FORECASTS
Icing

OBSERVATIONS
Aircraft Reps

USER TOOLS
Flightpath Tool

ABOUT US
AWC



TOTAL STATIONS
AVAILABLE FOR
ANALYSIS
1221 OUT OF 1462

IS AUTOMATIC WX OBS
 US DEPT OF COMMERCE
 NOAA/NWS/NCEP WASHINGTON
WEATHER DEPICTION
 13Z WED 08 MAR 2017
 NO76 D152 CMC

SHADED AREAS.... IFR WITH CIG LESS THAN
 1000 FT AND/OR VSBY LESS THAN 3 MI
 UNSHADED AREAS WITH CIG GREATER
 THAN OR EQUAL TO 1000 TO LESS THAN OR EQUAL TO 3500 FT
 AND/OR VSBY GREATER THAN OR EQUAL TO 3 TO LESS THAN OR EQUAL TO 5 MI
 NO CONTOURS.... VFR AREAS WITH CIG GREATER THAN
 3000 FT AND VSBY GREATER THAN 5 MI

US DEPT OF COMMERCE
 NOAA/NWS/NCEP WASHINGTON

13Z WED 08 MAR 2017 13+40

 RTMA temperature in degrees Celsius at select station locations
 COMPUTED: 1747Z 08 Mar 2017
 VALID: 1747Z 08 Mar 2017 to 1847Z 08 Mar 2017

station	Lat	Lon	T
KABE	40.65	-75.43	12.83
KABI	32.42	-99.68	18.48
KABQ	35.05	-106.62	10.21
KABR	45.45	-98.43	-3.12
KABY	31.53	-84.18	20.91
KACK	41.25	-70.07	6.85
KACT	31.62	-97.22	17.64
KACV	40.98	-124.10	11.61
KACY	39.45	-74.57	13.77
KAEX	31.33	-92.55	19.74
KAFW	32.98	-97.32	19.86
KAGS	33.37	-81.97	22.94
KAHN	33.95	-83.32	18.65
KAIA	42.05	-102.80	9.75
KALB	42.75	-73.80	11.56
KALN	38.90	-90.05	15.65
KALO	42.55	-92.40	4.92
KALS	37.45	-105.87	4.47
KALW	46.09	-118.29	6.61
KAMA	35.23	-101.70	17.50
KANB	33.58	-85.85	17.48
KAND	34.50	-82.72	18.53
KAOO	40.30	-78.32	11.59
KAPF	26.15	-81.77	25.54
KAPN	45.07	-83.57	1.71
KARA	30.03	-91.88	20.16
KART	44.00	-76.02	8.56
KASE	39.22	-106.87	5.92
KATL	33.65	-84.42	18.23
KATW	44.25	-88.52	0.36
KATY	44.92	-97.15	-2.33
KAUS	30.19	-97.67	18.91
KAVL	35.43	-82.55	14.62
KAVP	41.33	-75.73	10.00
KAZO	42.23	-85.55	7.79
KBAF	42.17	-72.72	11.09
KBAK	39.27	-85.90	12.71
KBBG	36.53	-93.20	17.55
KBDL	41.93	-72.68	11.26
KBDR	41.17	-73.13	12.43
KBED	42.47	-71.30	10.94
KBFD	41.80	-78.63	7.70
KBFF	41.87	-103.60	12.79
KBFI	47.53	-122.30	5.38
KBFL	35.43	-119.05	11.01
KBFM	30.63	-88.07	18.36
KBGM	42.22	-75.98	9.65
KBGR	44.80	-68.83	5.16
KBHB	44.45	-68.37	7.32
KBHM	33.57	-86.75	17.89
KBIL	45.80	-108.53	0.33
KBIS	46.77	-100.75	-7.03
KBJC	39.92	-105.12	13.90
KBJI	47.50	-94.93	-11.74
KBKL	41.52	-81.68	10.38
KBKW	37.78	-81.12	11.11
KBKX	44.30	-96.82	-0.58
KBLI	48.80	-122.53	3.38
KBLV	38.55	-89.85	14.87

KDIK	46.80	-102.80	-7.33
KDLH	46.83	-92.18	-10.71
KDOV	39.13	-75.47	14.52
KDRO	37.15	-107.75	6.27
KDRT	29.37	-100.92	17.66
KDSM	41.53	-93.65	7.62
KDTW	42.23	-83.33	10.45
KDUJ	41.18	-78.90	8.49
KDVL	48.12	-98.92	-10.82
KEAR	40.73	-99.00	9.97
KEAT	47.40	-120.20	0.76
KEAU	44.87	-91.48	-3.10
KECP	30.36	-85.80	19.37
KEFD	29.60	-95.17	18.94
KEGE	39.65	-106.92	7.79
KEKO	40.83	-115.78	6.39
KELM	42.17	-76.90	10.32
KELP	31.80	-106.40	17.29
KELY	39.28	-114.85	5.30
KENV	40.73	-114.03	5.57
KERI	42.08	-80.18	10.00
KESC	45.75	-87.03	-2.97
KEUG	44.12	-123.22	8.48
KEVV	38.05	-87.53	14.51
KEWN	35.07	-77.05	18.12
KEWR	40.70	-74.17	13.33
KEYW	24.55	-81.75	25.76
KFAR	46.90	-96.80	-7.45
KFAT	36.77	-119.72	11.08
KFAY	34.98	-78.88	18.29
KFKL	41.38	-79.87	9.40
KFLG	35.13	-111.67	10.70
KFLL	26.07	-80.15	24.71
KFLO	34.18	-79.72	18.18
KFMN	36.75	-108.23	7.50
KFNL	40.45	-105.02	9.11
KFNT	42.97	-83.75	7.41
KFOD	42.55	-94.19	5.04
KFOE	38.95	-95.67	15.50
KFRG	40.73	-73.42	12.28
KFSD	43.58	-96.73	1.43
KFSM	35.33	-94.37	16.44
KFTW	32.82	-97.37	20.08
KFWA	41.00	-85.20	10.37
KFYV	36.00	-94.17	17.21
KGBD	38.35	-98.87	13.42
KGCC	44.35	-105.54	6.59
KGCK	37.93	-100.72	11.24
KGCN	35.95	-112.15	12.74
KGEG	47.63	-117.53	1.04
KGFK	47.95	-97.18	-9.05
KGFL	43.33	-73.62	10.21
KGGG	32.35	-94.65	19.20
KGJT	39.12	-108.53	9.87
KGLH	33.48	-90.98	17.95
KGNV	29.70	-82.28	26.50
KGON	41.33	-72.05	9.73
KGPI	48.30	-114.27	0.77
KGPT	30.42	-89.08	18.99
KGRB	44.48	-88.13	-0.06
KGRI	40.97	-98.32	8.82
KGRK	31.07	-97.83	16.96
KGRR	42.88	-85.52	6.55
KGSO	36.08	-79.95	16.16
KGSP	34.90	-82.22	18.73
KGTF	47.48	-111.37	-5.32
KGTR	33.45	-88.58	17.03

KRIW	43.07	-108.47	6.66
KRKS	41.60	-109.07	3.14
KRME	43.23	-75.40	11.23
KRNO	39.50	-119.78	6.19
KROA	37.32	-79.97	16.14
KROC	43.12	-77.67	10.77
KROW	33.30	-104.53	13.72
KRST	43.92	-92.50	-0.89
KRSW	26.53	-81.75	26.51
KRUT	43.53	-72.95	8.22
KRWI	35.85	-77.90	17.71
KSAF	35.62	-106.08	10.68
KSAN	32.73	-117.17	17.20
KSAT	29.53	-98.47	17.71
KSAV	32.13	-81.20	21.47
KSAW	46.35	-87.40	-5.65
KSBA	34.43	-119.83	16.92
KSBD	34.10	-117.23	19.73
KSBN	41.70	-86.32	9.61
KSBP	35.23	-120.63	17.51
KSBY	38.33	-75.52	13.88
KSCK	37.90	-121.25	11.56
KSDF	38.18	-85.73	15.06
KSDY	47.70	-104.20	-7.40
KSEA	47.45	-122.30	4.41
KSFB	28.78	-81.23	25.65
KSFO	37.62	-122.38	12.10
KSGF	37.23	-93.38	16.44
KSGJ	29.96	-81.34	25.98
KSGU	37.08	-113.60	10.84
KSHD	38.27	-78.90	13.86
KSHR	44.77	-106.97	-1.17
KSHV	32.47	-93.82	19.42
KSJC	37.37	-121.92	11.37
KSJT	31.37	-100.50	18.36
KSLC	40.78	-111.97	10.60
KSLE	44.92	-123.00	8.35
KSLK	44.40	-74.20	6.43
KSLN	38.80	-97.65	16.47
KSMF	38.70	-121.58	11.62
KSMX	34.90	-120.45	16.60
KSNA	33.68	-117.87	18.33
KSOP	35.23	-79.40	18.40
KSOW	34.27	-110.00	11.50
KSPI	39.85	-89.67	12.02
KSPS	33.98	-98.50	18.80
KSRQ	27.40	-82.55	23.87
KSRR	33.47	-105.53	15.50
KSTC	45.55	-94.07	-6.21
KSTJ	39.77	-94.92	11.36
KSTL	38.75	-90.37	15.71
KSTS	38.50	-122.82	9.92
KSUN	43.50	-114.30	2.87
KSUS	38.67	-90.65	15.43
KSUX	42.40	-96.38	5.72
KSVC	32.63	-108.15	16.89
KSWF	41.50	-74.10	12.14
KSWO	36.17	-97.08	18.21
KSyr	43.12	-76.12	10.81
KTCL	33.22	-87.62	17.59
KTEB	40.85	-74.07	12.86
KTEX	37.95	-107.90	4.23
KTIX	28.52	-80.80	25.12
KT LH	30.38	-84.37	22.46
KTOL	41.60	-83.80	10.47
KTPA	27.97	-82.53	24.31
KTRI	36.48	-82.40	13.20

Ameristar Air Cargo, Inc.
Flight Release Checklist

The purpose of this checklist is to provide a control for the movement of each aircraft. Please attach this evaluation to the flight release retained in Flight Control. Any improvements to this form should be brought to the attention of the Director of Operations.

Duty Time Limitations - Check each crewmember's duty time limitations prior to assignment using AIS or the latest printouts of flight and duty times:

Freight Operations

1. Less than 8 hours in 24
2. If more than 8 hours in 24, completed required intervening rest break
3. 24 hours off in 7 days
4. 100 hours (120 for all International) in 30 Consecutive Days
5. 300 hours in 90 consecutive days (international only)
6. 1000 hours during calendar year and 1000 hours in 12 consecutive months (Int'l only)
7. 8 hours of rest after completing a duty period.
8. 16 hours rest after flying over 8 hours in a 24 hour period

Passenger Operations

1. 117 Rules and within the limits of Tables A & B See GOM Chapter 4

Crew Assignments to include consideration for appropriate qualifications, pairing requirements, high minimum Captain, check airman requirements (IOE), auxiliary crew.

Aircraft Status

1. Check the Aircraft Status (Excel Spreadsheet produced by Maintenance Control)
 - a. Airworthiness Release is indicated
 - b. MEL items agree with the Aircraft Status Board
 - c. Aircraft is "Green"
2. Aircraft Status Board
 - a. Crew flight and duty times agree with AIS produced flight and duty time reports
 - b. Aircraft conditions, i.e. MEL items, service check and aircraft status agrees with Maintenance Control's Aircraft Status (Excel sheet)

Weather -The weather is the latest available and attached to release.

1. METARs, TAFs, NOTAMS, Graphic Radar Printouts, SIGMETS, Turbulence, Winds Aloft, EWINS Forecast.
2. Volcanic Activity:
<http://www.volcano.si.edu/reports/usqs/index.cfm>
3. Destination forecast weather at or above minimums shown on approach plate.
4. Takeoff and destination alternate forecast weather at or above minimums shown on approach plate.
5. Update as required by GOM Ch. 4 par. 4.2.6(B)

Flight Release:

1. **Aircraft Registration**, i.e. N786TW
2. **Crewmembers** - Names of each of the required crewmembers (pilots and flight attendants) including designation of the Lead Flight Attendant and the GSC
3. **Flight Plan** created with consideration for:
 - a. MELs, i.e.
 - b. RVSM,
 - c. Appropriate weights,
 - d. Flight Route to consider TFRs, Turbulence, overwater & thunderstorm routing.
 - e. Routes and areas of operation as authorized in Ops Specs ¶B050
 - f. Is the flight plan fuel burn reasonable?
 - g. Navigation equipment installed, i.e. GPS.
 - h. Driftdown considered, if applicable
 - i. Passenger O2 Requirements
 - j. Hold Fuel considered for anticipated delays i.e. high density areas or weather delays
 - k. Route of flight within 60 minutes of an adequate airport
 - l. **O3 Concentration Levels** - B737 over 4 hours/MD83 over 3 hours - Advise D.O.
4. **Maximum takeoff/landing weight** and any restrictions based on Airport Analysis or MEL/CDL to include limitations to Field Length, Climb, Landing, Structural or ZFW limitations.
5. **Special Airports Listed**
6. Release has been signed by FF with time that flight was released
7. **Amendments** agreed upon with the PIC.
8. **Risk Assessment** has been completed and attached to flight release.
9. **RAIM** prediction included with flight plan when flying oceanic routes or remote areas

Other Considerations

1. **139 Airport** utilized and **ARFF Index** for passenger aircraft - confirmed with airport operator
2. **Load bearing** weight for airport - confirmed with airport operator.
3. **PPR** - Prior permission required?
4. **Reservations** needed for High Density Traffic Airports; LGA and DCA. (fly.faa.gov/ecvrs)
5. **Hazardous Material** attach a copy of the hazmat paperwork to the flight release
6. **Overflight** or country permits, if required.
7. **Changes** that may affect the safety of flight. Advise flight crew

I have reviewed and considered each of the items above pertinent to this flight prior to signing the release:

Flight #: 9363 From/To: YIP IAD
Date: 3/8/17 Flight Follower: [Redacted]