

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

June 12, 2020

Attachment 5 – Accident Flight Dispatch Paperwork

OPERATIONAL FACTORS

DCA20CA058

DISPATCH RELEASE

UAL1754 (1754) - 10JAN20
KMSY/MSY KEWR/EWR

N1902U/4902 A320

RLS 1

FFD AFFIRMATION:

PO EMP NAME EMP NO FFD

CA [REDACTED] [REDACTED]
FO [REDACTED] [REDACTED]

RELEASED IFR TO KEWR

[REDACTED]

DEPARTURE ALTN: N/A
DESTINATION ALTN:
KSWF/SWF

ENROUTE ALTERNATES:
N/A

MIN T/O FUEL:20693

THE CAPTAIN AND
DISPATCHER NAMES ON
THIS RELEASE
CONSTITUTES THE
REQUIRED SIGNATURES
PER 121.663 AND
INDICATES THE
PILOT IN COMMAND
AND THE DISPATCHER
BELIEVE THAT THIS
FLIGHT CAN BE MADE
WITH SAFETY.

SIGNED BY DISPATCHER:

[REDACTED]
[REDACTED] 10JAN2020-17:34

SIGNED BY CAPTAIN:
N/A

PART 117 RLS 1
CCO TIMES (ZULU)

DUTY CCO 0725
EST BLOCK CCO 0410

10JAN20 UAL1754 KMSY - KEWR

\$B

UAL1754 10JAN20 MSY-EWR

KMSY -MSY - NEW ORLEANS/ARMSTRONG INTL

02/20 7001 11/29 10104

METAR 101653Z 14008KT 10SM FEW010 FEW023 BKN085 OVC130 23/21

A3014 RMK AO2 SLP210 T02280206.

SPECI 101714Z 13010KT 10SM SCT019 BKN023 OVC033 23/21 A3013

RMK

AO2 T02330206.

METAR 101553Z 14010KT 10SM FEW010 SCT055 OVC070 22/19 A3017

RMK

AO2 RAE30 SLP218 P0007 T02170194.

METAR 101453Z 14011KT 1SM +RA BR OVC009 21/19 A3015 RMK AO2

RAB28 CIG 007V012 SLP214 P0002 60010 T02110189 53011 RVRNO.

SPECI 101511Z 15011KT 6SM -RA BR BKN007 BKN011 OVC050 21/19

A3017 RMK AO2 P0006 T02110194.

SPECI 101529Z 15011KT 6SM -RA BR SCT008 BKN050 OVC065 22/19

A3017 RMK AO2 P0007 T02170194.

TAF 101727Z 1018/1124 13010KT P6SM VCSH SCT019 BKN023 OVC035

FM110800 16017G29KT P6SM VCSH OVC025

FM110900 16018G31KT P6SM VCTS OVC015CB WS020/17050KT

FM111200 17017G29KT P6SM SHRA VCTS OVC030CB WS020/18050KT

FM111500 18019G29KT 5SM SHRA BR OVC010 WS020/21050KT

FM111700 22015KT P6SM SHRA OVC008.

KEWR -EWR - NEWARK

04L/22R 11000 04R/22L 10000 11/29 6726

METAR 101651Z 24010KT 10SM SCT016 OVC033 06/M01 A3052 RMK

SLP335

T00561006.

METAR 101551Z 23008KT 10SM BKN017 OVC030 04/00 A3056 RMK

SLP347

T00440000.

SPECI 101614Z 23006KT 10SM SCT016 OVC031 05/00 A3054 RMK SCT V

BKN T00500000.

METAR 101451Z 22007KT 10SM BKN024 OVC033 04/M01 A3058 RMK

SLP356

T00391006 57002.

TAF 101654Z 1017/1123 22008KT P6SM BKN030 BKN150 WS020/23050KT

FM101900 22010G18KT P6SM BKN030 OVC040 WS020/22040KT

FM102200 21007KT P6SM SCT015 BKN025 WS020/21040KT

FM110300 22008KT P6SM BKN030 BKN150 WS020/22045KT

FM111000 20006KT P6SM BKN025 BKN200 WS020/22045KT

FM111500 20012G20KT P6SM BKN015 BKN030 WS020/20045KT

FM112000 21010KT P6SM BKN030

RMK WSI/KC.

KSWF -SWF - NEWBURGH/STEWART INTL

09/27 11817 16/34 6004

METAR 101645Z VRB04KT 10SM OVC020 02/M02 A3047.

METAR 101545Z 00000KT 10SM OVC020 02/M02 A3052.

METAR 101445Z 00000KT 10SM OVC020 M01/M03 A3054.

TAF 101612Z 1016/1118 24005KT P6SM OVC020

TEMPO 1016/1018 OVC015

FM101800 24009G18KT P6SM SCT030 OVC050

FM102000 23007KT P6SM BKN020 OVC040 WS020/23035KT

FM102300 23005KT P6SM VCSH SCT010 OVC015 WS020/23035KT

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10JAN20 UAL1754 KMSY - KEWR

FM111400 23010KT P6SM VCSH OVC015
AMD NOT SKED.

KPIT -PIT - PITTSBURGH INTL
10C/28C 10775 10L/28R 10502 10R/28L 11500 14/32 8101
METAR 101651Z 15004KT 10SM FEW037 BKN048 OVC070 09/07 A3029
RMK
AO2 SLP271 T00940067.
METAR 101551Z 15004KT 10SM SCT038 OVC050 08/06 A3033 RMK AO2
RAB10E29 SLP283 P0000 T00830056.
METAR 101451Z 00000KT 10SM BKN038 OVC050 07/05 A3035 RMK AO2
RAE37 SLP292 P0001 60004 T00720050 51010.
TAF 101730Z 1018/1124 16006KT P6SM -RA OVC050 WS020/23040KT
FM110300 17005KT P6SM BKN050 WS020/21045KT
FM111500 18009G20KT P6SM OVC070 WS020/20050KT.

KIAD -IAD - WASHINGTON/DULLES INTL
01C/19C 11500 01L/19R 9400 01R/19L 11500 12/30 10501
METAR 101652Z 19011KT 10SM FEW038 BKN075 BKN140 BKN250 08/02
A3050 RMK AO2 SLP331 T00830017.
METAR 101552Z 19011KT 10SM FEW035 BKN070 BKN140 BKN230 07/01
A3054 RMK AO2 SLP343 T00720006.
METAR 101452Z 20007KT 10SM FEW038 BKN070 BKN150 BKN250 06/M01
A3057 RMK AO2 SLP353 T00561006 53003.
TAF 101655Z 1017/1117 19012G19KT P6SM SCT035 SCT065 BKN200
WS020/22038KT
FM102200 18008KT P6SM BKN040 BKN150 WS020/21038KT
FM110100 18004KT P6SM BKN040 BKN100 WS020/21038KT
FM110800 19006KT P6SM FEW020 SCT040 BKN180 WS020/21044KT
TEMPO 1109/1114 5SM BR
RMK WSI/DP.

KDCA -DCA - WASHINGTON/RONALD REAGAN NATL
01/19 7169 04/22 5000 15/33 5204
METAR 101652Z 18009KT 10SM FEW027 BKN033 OVC065 08/02 A3054
RMK
AO2 SLP341 T00830022.
METAR 101552Z 19008KT 10SM FEW027 BKN033 OVC065 07/01 A3057
RMK
AO2 SLP353 T00720011.
METAR 101452Z 18009KT 10SM SCT027 BKN033 OVC065 06/01 A3059
RMK
AO2 SLP359 T00560006 56005.
TAF 101454Z 1015/1118 20007KT P6SM OVC050 WS020/21040KT
FM101900 20008KT P6SM OVC250
FM110600 19006KT P6SM OVC040 WS020/21035KT
FM111700 19012G19KT P6SM OVC035.

PR 101445Z MOB UA /OV MOB325005/TM 1445/FLDURD/TP CRJ9/SK
OVC012-TOPUNKN/WV 120040 AT 1200 AGL/RM LLWS +/- 10KTS ON FINAL
RY15

PR 101450Z BIX UA /OV KHBG /TM 1450 /FL010 /TP C560 /RM BASES
FM KZHU AWC-WEB.

PR 101520Z MOB UA /OV MOB015010/TM 1520/FL012/TP CRJ9/SK
OVC012 TOPS070

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10JAN20 UAL1754 KMSY - KEWR

PR 101546Z HSA UA /OV LSU080100 /TM 1546 /FL240 /TP PC12 /SK
SKC /TB NEG /RM BTN LYRS SCT CLDS 260-280

PR 101550Z GPT UA /OV GPT/TM 1550/FL007/TP TEX2/SK BASES
007/WX 1SM

PR 101610Z GPT UA /OV 2 NE BIX/TM 1610/FL010/TP CN35/SK BASES
011/WX VSBY 3 SM

PR 101636Z GPT UA /OV FAP RY 14/TM 1636/FL006/TP CRJ9/SK
BASES006

PR 101644Z HSA UA /OV 3 MILE FINAL/TM 1644/FL004/TP C130/SK
BASES

PR 101643Z GPT UA /OV 3 N HSA/TM 1643/FL004/TP C130/SK BASES
004

PR 101635Z GPT UA /OV 3 NW GPT/TM 1635/FL010/TP CRJ9/SK BASES
010

PR 101658Z GPT UUA /OV 2 MILE FINAL RY 14 GPT/TM 1658/FL006/TP
E145/WV LLWS AT 006. +/- 10 KNOTS

PR 101705Z MOB UA /OV MOB270005/TM 1705/FL014/TP UH60/SK
OVC014

PR 101525Z CEW UA /OV MVC183018 /TM 1525 /FL410 /TP B737 /TB
SMOOTH/RM AWC-WEB.

PR 101526Z GZH UA /OV KMVC /TM 1526 /FL015 /TP EC45 /SK SCT020
/WX FV08SM /RM FV08-10SM

PR 101659Z JKA UA /OV JKA350005/TM 1659/FL010/TP C172/SK BASES
BKN012

PR 101624Z GZH UA /OV KMVC045008 /TM 1624 /FL010 /TP H60 /SK
OVC025 /RM OVC BASES 025-030/ SKC E

PR 101705Z PNS UA /OV NSE/TM 1705/FL050/TP T-6/SK FEW020 BASES
BKN050

PR 101702Z CSG UA /OV 10 N CSG/TM 1702/FLDURC/TP CRJ2/SK BASES
040. TOPS BKN065

PR 101531Z ARP UAL2326 3337N 08426W 1531 F330 MS48 243/077KT
TB NONE SK ON TOP IC NONE

PR 101531Z ARP UAL2326 3337N 08426W 1531 F330 MS48 243/077KT
TB NONE SK ON TOP IC NONE

PR 101519Z ATL UA /OV ATL010050/TM 1519/FL170/TP B739/TA
M06/IC LGT RIME/RM ZTLFD

PR 101441Z AVL UA /OV AVL350003/TM 1441/FL070/TP C172/SK
OVC047

PR 101446Z AVL UA /OV AVL070008/TM 1446/FL090/TP CRJ9/SK TOPS
\$B

10JAN20 UAL1754 KMSY - KEWR

090

PR 101503Z AVL UA /OV AVL350006/TM 1503/FL040/TP C172/SK BASES
040

PR 101523Z CLT UA /OV CLT350030/TM 1523/FL200/TP BE10/TA
M15/IC MOD MX/RM ZTLFD

PR 101630Z CLT UA /OV BZM/TM 1630/FL160/TP B712/TA M8/IC -
RIME

PR 101514Z CHO UA /OV 7 NE CHO/TM 1514/FL037/TP CRJ2/SK BASES
BKN 037

PR 101453Z RIC UA /OV COLIN/TM 1453/FL130/TP B737/TB CONT
LGT/RM 130-090 DUR DESCENT

PR 101619Z DOV UA /OV ENO020010/TM 1619/FL150/TP A319/TB MOD
CHOP

PR 101645Z EWR UA /OV SBJ090010/TM 1645/FL060/TP A2320/WX VMC
BTWN LAYERS/TB LGT/RM BTWN LAYERS BKN045 OVC070

PR 101728Z SMQ UA /OV SBJ160007 /TM 1728 /FL015 /TP A109 /TB
CONS MOD 025-015/NEG ABV 025 /RM DURD

PR 101728Z SMQ UA /OV SBJ016007 /TM 1728 /FL015 /TP A109 /TB
CONS MOD 025-015/NEG ABV 025 /RM DURD

PR 101719Z SMQ UA /OV SBJ075012 /TM 1719 /FL025 /TP A139 /SK
OVC030 /WX FV10SM /TA 10 /WV 22859KT /TB NEG /IC NEG

PR 101719Z SMQ UA /OV SBJ075012 /TM 1719 /FL025 /TP A139 /SK
OVC030 /WX FV10SM /TA 10 /WV 22859KT /TB NEG /IC NEG

PR 101721Z MMU UA /OV KMMU/TM 1721/FL030/TP GLF5/SK OVC030/RM
10 NORTH

PR 101501Z JFK UA /OV JFK 220009/TM 1501/FLDURC/TP B737/RM
BASE 020

PR 101501Z EWR UA /OV TEB310/008/TM 1501/FL040/TP A320/WX
IMC/TB OCSNL LGT

PR 101539Z EWR UA /OV 5 MILE FINAL RWY 22L/TM 1539/FL017/TP
B738/SK 017BKN/WV 23550KT . 025

PR 101501Z CDW UA /OV TEB310008 /TM 1501 /FL040 /TP A320 /TB
OCNL LGT /RM IMC

PR 101453Z EWR UA /OV 10 N EWR/TM 1453/FL028/TP A320/SK 028
BKN/WV 23050KT

PR 101619Z JFK UA /OV JFK220006/TM 1619/FLDURC/TP B727/SK
OVC034-TOPS047

PR 101540Z LGA UA /OV LGA/TM 1540/FL048/TP CRJ9/SK OVC-TOP048

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10JAN20 UAL1754 KMSY - KEWR

PR 101610Z LGA UA /OV LGA/TM 1610/FLDURC/TP E75L/SK
OVC023-TOP052

PR 101705Z LGA UA /OV LGA/TM 1705/FLDURC/TP E145/SK
OVC-TOP051/TB MOD SFC-010/IC NEG

PR 101705Z LGA UA /OV LGA/TM 1705/FLDURC/TP E145/SK
OVC-TOP051/TB MOD SFC-010/IC NEG

PR 101445Z JFK UA /OV JFK 150012/TM 1445/FLDURC/TP A321/RM
BASE 025

PR 101636Z JFK UA /OV JFK 170008/TM 1636/FLDURC/TP B777/RM
BASE 034

PR 101711Z JFK UA /OV JFK 080009/TM 1711/FLDURC/TP A340/RM
BASE 034

PR 101455Z DXR UA /OV CMK/TM 1455/FLDURC/TP C172/TB MOD
SFC-025

PR 101515Z ISP UA /OV ISP 060 010/TM 1515/FL016/TP C172/SK
BASE BKN18

PR 101640Z DXR UA /OV KDXR/TM 1640/FL016/TP C182/SK OVC021

PR 101515Z HWV UA /OV ISP060010 /TM 1515 /FL016 /TP C172 /SK
BKN018

KZHU - - HOUSTON
KZFW - - FT WORTH

WS 101401Z - TURB

VALID. 2020-01-10 14.01.00+00 UNTIL 2020-01-10 18.00.00+00

INTENSITY. MDT TYPE. CAT

LEVEL. FL100 - FL170

MOVEMENT. ENE AT 20 KTS

VERTICAL SPEED SHEAR WITH SOME DIRECTIONAL SHEAR OVER E TX WITH
STRONG MID-LEVEL WIND FLOW OVER THE AREA. NUMEROUS MOD PIREPS
RECEIVED.

AREA. 55NNE LFK - 45ENE SAT - 15NNE PSX - 55NE LCH
ID. 29048 (WSI/SA)

KZHU - - HOUSTON
KZAB - - ALBUQUERQUE
KZDV - - DENVER
KZFW - - FT WORTH
KZKC - - KANSAS CITY

FP 101648Z - TURB

VALID. 2020-01-11 09.00.00+00 UNTIL 2020-01-11 12.00.00+00

INTENSITY. OCNL MDT TYPE. CAT

LEVEL. FL190 - FL250

HORIZONTAL WIND SHEAR

AREA. 50SSW MMB - 30SSE FST - 70NE TCC - 40E HCT - 30NW MMB

ID. 29233 (WSI/AVF)

KZTL - - ATLANTA
KZME - - MEMPHIS
KZID - - INDIANAPOLIS

\$B

10JAN20 UAL1754 KMSY - KEWR

FP 101657Z - TURB
VALID. 2020-01-10 18.00.00+00 UNTIL 2020-01-10 21.00.00+00
INTENSITY. OCNL MDT TYPE. CAT
LEVEL. FL300 - FL370
HORIZONTAL WIND SHEAR
AREA. 50W ODF - 15WSW MEI - 55ESE MEM - 65E BWG - 25SE VXV
ID. 28422 (WSI/SA)

KZDC - - WASHINGTON
KZID - - INDIANAPOLIS
KZME - - MEMPHIS
KZOB - - CLEVELAND
KZTL - - ATLANTA
FP 101728Z - ICING
VALID. 2020-01-11 09.00.00+00 UNTIL 2020-01-11 12.00.00+00
INTENSITY. MDT TYPE. ICE
LEVEL. FL120 - FL180
AREA. 60NW MRB - 85S MEM - 65NW CVG - 45NE DJB - 15ESE JHW -
35NNW PSB
ID. 29548 (WSI/AVF)

KZNY - - NEW YORK
KZBW - - BOSTON
KZDC - - WASHINGTON
KZKY - - NEW YORK OCEANIC
FP 101718Z - ICING
VALID. 2020-01-11 06.00.00+00 UNTIL 2020-01-11 09.00.00+00
INTENSITY. MDT TYPE. ICE
LEVEL. FL160 - FL180
AREA. 55NNW MARIG - 65WNW LEXAD - 40WNW SIE - 65WSW ACK - 85SSE
ACK
ID. 29407 (WSI/AVF)

KZME - - MEMPHIS
KZFW - - FT WORTH
KZKC - - KANSAS CITY
WS 101703Z - CONV
VALID. 2020-01-10 17.03.00+00 UNTIL 2020-01-10 19.00.00+00
TYPE. TS
COVERAGE. BKN. LEVEL. FL400 - FL450
MOVEMENT. NNE AT 30 KTS
NUMEROUS TSTMS RAPIDLY DVLPG OVER OK WITH ACTIVITY AHEAD OF A
COLD FRONT.
AREA. 30W BUM - 5WNW PER - 30ESE ADM - 35WSW SGF
ID. 29136 (WSI/SA)

KZID - - INDIANAPOLIS
KZOB - - CLEVELAND
KZAU - - CHICAGO
KZKC - - KANSAS CITY
FP 101648Z - CONV
VALID. 2020-01-11 06.00.00+00 UNTIL 2020-01-11 09.00.00+00
TYPE. TS
COVERAGE. SCT-BKN. LEVEL. FL260 - FL350
AREA. 30NW ROD - 35NW FAM - 15E IRK - 65NNE GIJ
ID. 29229 (WSI/AVF)

CZYZ - - TORONTO
\$B

CZUL - - MONTREAL
CZWG - - WINNIPEG
KZMP - - MINNEAPOLIS
FP 101648Z - TURB
VALID. 2020-01-11 09.00.00+00 UNTIL 2020-01-11 12.00.00+00
INTENSITY. MDT TYPE. CAT
LEVEL. FL270 - FL370
HORIZONTAL WIND SHEAR
AREA. 70S YMO - 35ESE YQT - 80NE YSP - 90SE YGL - 150WSW YWK
ID. 29237 (WSI/AVF)
\$B

Official Pilot Briefing

UAL1754 10JAN20 N1902U 200 KMSY 2140 KEWR 0032+

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Trans ID: [REDACTED]

Creation Time: 10.01.2020 17:35UTC

GENERAL INFORMATION

Single page OFP validation:

UAL 01420/13 (14 MAY 18)

Sabre release only prints Page 1 of the OFP as part of the Release Accept process. If needed, full copies of the OFP can be printed separately in addition to the full OFP supplied as part of the Briefing Package.

Confirm Requested Takeoff Data

UAL 00891/16 (02 AUG 16)

Crews are reminded to confirm the requested Takeoff data is correct for the Aircraft / Engine Type, Departure City, Runway, and Intersection (if applicable). If the returned data is incorrect, Ex: RWY 25R in PHX, instead of 25R LAX. resubmit request and confirm.

MINTO fuel and Sabre FPM optimization

UAL 01472/11 (03 NOV 14)

When the Sabre FPM optimizes a route, there may be times when the Redispatch MINTO fuel will be greater than the intended destination MINTO fuel.

If on a re-dispatch flight plan, compare fuel at point of take-off to the higher MINTO value. If it becomes apparent the aircraft will not arrive at the takeoff position with the higher MINTO value, contact Dispatch if you have any questions concerning which MINTO is limiting.

AEROPLANE INFORMATION

AIRCRAFT CATEGORY = C

N I L

AIRCRAFT TYPE = A320

Read and Comply to Avoid Printer Issue

UAL 0010D/19 (14 NOV 19)

To avoid potential ACARS printer malfunctions, Airbus pilots should read and comply with Pilot Bulletin 19-224 prior to next flight.

Single MCDU authorized for RVSM

UAL 001GF/19 (04 OCT 19)

The UAL Airbus Flight Manual currently restricts RVSM entry unless the aircraft has two functioning MCDU. The MMEL and UAL MEL do not restrict RVSM entry with one MCDU inoperative. Per the Fleet Technical Manager, crews and dispatchers should follow the UAL MEL guidance. The Flight Manual will be updated during the next revision cycle.

Sabre FPM Take-off Performance

UAL 01272/11 (03 AUG 17)

The Take-Off performance module will not automatically calculate a PACKS OFF take-off if the airplane is overweight to take-off with PACKS ON.

If the ACARS runway data returns an "overweight" message, with associated high temperatures, high pressure altitude, etc, re-request Take-off performance data with the following manually entered values :

Desired runway

Airplane TOW

PACKS OFF

Any other input deemed necessary by the crew (flap setting, winds, etc)

AIRCRAFT SUBTYPE = 200

N I L

AIRCRAFT REGISTRATION = N1902U

N I L

FLIGHT INFORMATION

UAL1754

N I L

SERVICETYPE = J (SCHEDULED)

N I L

Official Pilot Briefing

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Trans ID: [REDACTED]

Creation Time: 10.01.2020 17:35UTC

FLIGHT LEG INFORMATION

KMSYKEWR

CDRS

UAL 001U5/19 (28 NOV 19)

MSYEWROB 1166 mi. KMSY MCB MEM BNA J42 BKW J42 GVE PHLBO3 KEWR
MSYEWROC 1115 mi. KMSY SJI CEW AMG CAE J51 FAK PHLBO3 KEWR
MSYEWROE 1374 mi. KMSY MCB MEM J35 STL J35 JOT ELX CRL J584 SLT FQM3 KEWR
MSYEWROG 1085 mi. KMSY CATLN J37 MGM J40 TWINS CAE J51 FAK PHLBO3 KEWR
MSYEWROM 1042 mi. KMSY CATLN Q22 BEARI FAK PHLBO3 KEWR
MSYEWROT 1041 mi. KMSY GCV MGM TWOUP Q22 BEARI FAK PHLBO3 KEWR
MSYEWROV 1042 mi. KMSY CATLN Q22 BEARI FAK PHLBO3 KEWR
MSYEWRI1P 1044 mi. KMSY SJI J37 CATLN Q22 BEARI FAK PHLBO3 KEWR
MSYEWRI2P 1086 mi. KMSY SJI J37 MGM J40 TWINS CAE J51 FAK PHLBO3 KEWR
MSYEWRI2S 1115 mi. KMSY SJI CEW AMG CAE J51 FAK PHLBO3 KEWR
MSYEWRI2T 1211 mi. KMSY MCB J35 MEM J29 PXV ROD KLYNE Q29 DORET J584 SLT FQM3 KEWR
MSYEWRI3P 1169 mi. KMSY MEI BNA J39 ROD KLYNE Q29 DORET J584 SLT FQM3 KEWR

LOAD-INFO

UAL1754

N I L

SPECIAL INFO ITEMS

UAL1754

N I L

AERODROME INFORMATION

KMSY / MSY

KMSYA0010/20 (06 JAN 20)

ILS RWY 11 (SA CAT I), AMDT 5A ...
ILS RWY 11 (CAT II AND III), AMDT 5A ...
PROCEDURE NOT AUTHORIZED EXCEPT WHEN ADVISED BY ATCT THAT
THIS CRANE IS DOWN.
TEMPORARY CRANE, 155FT MSL, 5303FT EAST OF APCH END RWY 11.

KMSYA1575/19 (21 DEC 19)

RNAV (GPS) Y RWY 29, AMDT 4A...
LPV DA 311/HAT 309 ALL CATS.
DISREGARD NOTE: RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD
TO DA.
3 TEMPORARY CRANES, 167 MSL, BEGINNING 1663FT NW OF APCH END RWY 29
(2015-ASW-7136 THRU 7138-NRA), 4 TEMPORARY CRANES, 165MSL,
BEGINNING 2699FT NW OF APCH END RWY 29 (2017-ASW-1081 THRU
1084-NRA).

KMSYA1574/19 (20 DEC 19)

TWY G2 BTN GA RAMP AND 50FT SOUTH OF GA RAMP CLSD

KMSYA1562/19 (18 DEC 19)

RWY 02 PAPI U/S

KMSYA1494/19 (05 DEC 19)

ILS RWY 11 CAT II/III NA

KMSYA1461/19 (27 NOV 19)

TACAN LEV/LEEVIIE CH82X AZM U/S

KMSYA0672/19 (03 JUL 19)

TACAN HRV/HARVEY CH88X U/S 040-060 BEYOND 24NM SFC-2400FT UNUSABLE

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Trans ID: [REDACTED] 3

Creation Time: 10.01.2020 17:35UTC

KMSYA0671/19 (03 JUL 19)

VOR HRV/HARVEY FREQ 114.1 MHZ 040-060 BEYOND 34NM SFC-2400FT
UNUSABLE

KMSYA0634/19 (27 JUN 19)

/HRV/ DME SFC-2300FT UNUSABLE

KMSYA0567/19 (07 JUN 19)

RNAV (RNP) Z RWY 29, AMDT 2...
RNP 0.30 DA NA.
TEMP CRANE 207 MSL 2141 FT N OF RWY 29
(2016-ASW-3890/3891/3892-NRA).

KEWR / EWR

KEWRA0135/20 (10 JAN 20)

TWY B BTN TWY D AND TWY RB CLSD

KEWRA0064/20 (06 JAN 20)

TWY P, S, R, U RWY ENTRANCE LGT FOR RWY 11/29 U/S

KEWRA0002/20 (01 JAN 20)

RWY 29 LEAD OFF LGT AT TWY W1,W2,W3, Z1 U/S

KEWRA6106/19 (29 DEC 19)

TWY R BTN TWY W AND TWY Z, TWY Q BTN TWY W AND TWY Z IN
PAVEMENT RWY GUARD LGT NOT STD

KEWRA6096/19 (29 DEC 19)

RWY 11/29 SAFETY AREA NOT STD NE SIDE GRADING

KEWRA6087/19 (29 DEC 19)

TWY FE CL LGT U/S

KEWRA6086/19 (29 DEC 19)

RWY 29 RTZL U/S

KEWRA6084/19 (29 DEC 19)

RWY 11 RTZL U/S

KEWRA6033/19 (22 DEC 19)

TWY W3 IN PAVEMENT RWY GUARD LGT AT RWY 11/29 U/S

KEWRA5452/19 (26 NOV 19)

TWY R HLDG PSN MARKINGS BTN TWY W AND TWY Z OBSC

KEWRA5230/19 (11 NOV 19)

TWY B CLSD BTN AREA ONE RAMP AND TWY RB

KEWRA2494/19 (15 MAY 19)

RNAV (RNP) Z RWY 04R, ORIG-D...
RNP 0.15 DA 396/HAT 385.

KEWRA2415/19 (10 MAY 19)

ILS OR LOC RWY 04L, AMDT 15A...
ILS RWY 04L (SA CAT I AND II), AMDT 15A...
RADAR REQUIRED FOR PROC ENTRY EXC FOR ACFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS.
CRI R-263 UNUSABLE.

KEWRA1951/19 (09 APR 19)

ILS OR LOC RWY 22L, AMDT 13C...
ILS RWY 22L (SAT CAT I) AMDT 13 C...
ILS RWY 22L (CAT II AND III) AMDT 13C....

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BUZZD INT USE JFK R-309, LGA R-277 UNUSABLE.

KEWRA1712/19 (27 MAR 19)

ILS OR LOC RWY 22L, AMDT 13C...
DISREGARD NOTE: WHEN RWY 29 VGSI INOP, CIRCLING RWY 29 NOT
AUTHORIZED AT NIGHT.
ADD NOTE: CIRCLING RWY 29 NOT AUTHORIZED AT NIGHT.

KEWRA1711/19 (27 MAR 19)

VOR RWY 11, AMDT 2F...
CIRCLING RWY 29 NOT AUTH AT NIGHT.

KEWRA0974/19 (28 FEB 19)

ILS OR LOC RWY 11, AMDT 2E...
PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM
WITH GPS,
COL VOR U/S.

KEWRA0706/19 (13 FEB 19)

VOR RWY 11, AMDT 2F...
DME REQUIRED EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM
WITH GPS.
TEB VOR R-242 UNUSABLE.

KEWRA5108/18 (15 OCT 18)

ILS RWY 22L IM DECOMMISSIONED

KEWRA3835/18 (03 AUG 18)

COLTS NECK VOR COL FREQ 115.4 MHZ OUT OF SERVICE

KEWRA1082/18 (21 FEB 18)

RWY 04R ILS IM DECOMMISSIONED

*** EWR RAMP TWR RADIO INTERMITTENT ***

UAL 00049/18 (12 JAN 18)

The EWR ramp tower has been experiencing periods with intermittent ability to communicate with crews. Transmissions are received but the ramp tower may be unable to respond. These problems are known and are being addressed. Please be aware when operating in EWR.

KEWRA1907/16 (24 MAR 17)

DYLIN FOUR ARRIVAL...CHANGE WASHINGTON CENTER
FREQUENCY TO 132.52 VICE 132.53.

KEWRA1908/16 (24 MAR 17)

DYLIN FOUR ARRIVAL FAK TRANSITION NA EXCEPT FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, OTT VOR U/S

KEWRA1909/16 (24 MAR 17)

DYLIN FOUR ARRIVAL GVE TRANSITION NA EXCEPT FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, OTT VOR U/S.

KSWF / SWF

*KSWFA0051/20 (09 JAN 20)

10 JAN 2020 22:45-11 JAN 2020 00:45
RWY 16/34 CLSD EXC MIL OPS

KSWFA0047/20 (07 JAN 20)

ILS RWY 27 DME U/S

KSWFA0001/20 (01 JAN 20)

RWY 09 SEQUENCED FLG LGT U/S

KSWFA3700/19 (31 DEC 19)

D)TUE-SAT 1400-2200
E)SWF TWY C BTN ATLANTIC AVIATION APN AND TWY F CLSD

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KSWFA2006/19 (25 JUL 19)

VOR SAX/SPARTA FREQ 115.7 MHZ 086-090 UNUSABLE PLUS SEE U.S. SUPPLEMENT

KSWFA2005/19 (25 JUL 19)

VOR SAX/SPARTA FREQ 115.7MHZ 030-040 UNUSABLE PLUS SEE U.S. SUPPLEMENT

KIAD / IAD

KIADA0157/20 (10 JAN 20)

RNAV (GPS) RWY 19R, ORIG-B...
LNAV/VNAV: DA 810/HAT 532, VISIBILITY ALL CATS 1 3/8.
LNAV: MDA 820/HAT 542 ALL CATS, VISIBILITY CATS C/D RVR 5500.
VDP 1.49 NM TO RW19R.
TEMPORARY CRANE 502FT MSL 2.42 NM NORTH OF RWY 19R.

KIADA0156/20 (10 JAN 20)

RNAV (GPS) Y RWY 19C, AMDT 3D...
LNAV: MDA 820/HAT 548 ALL CATS, VISIBILITY CATS C/D RVR 5500.
FOR INOPERATIVE ALSF-2, INCREASE LNAV CAT D VISIBILITY TO 1 1/2.
VDP 1.44 NM TO RW19C.
TEMPORARY CRANE, 502FT MSL, 2.39 NM NORTH OF RWY 19C.

KIADA0155/20 (10 JAN 20)

ILS OR LOC/DME RWY 19C, AMDT 25A...
S-LOC 19C: MDA 820/HAT 548 ALL CATS, VISIBILITY CATS C/D RVR 5500.
TEMPORARY CRANE 502FT MSL 2.39 NM NORTH OF RWY 19C.

KIADA0145/20 (10 JAN 20)

ILS OR LOC RWY 19L, AMDT 15D...
S-LOC 19L: MDA 880/HAT 578 ALL CATS. VISIBILITY CATS C/D 1 1/4.
VDP AT I-SGC 3.73 DME.
FOR INOPERATIVE ALS, INCREASE S-LOC CATS C/D VISIBILITY TO 1 5/8SM.
EXCEPT WHEN ADVISED BY ATC THAT THIS CRANE IS DOWN.
TEMPORARY CRANE 572FT MSL 17287FT NORTH OF RWY 19L.

KIADA0144/20 (10 JAN 20)

RNAV (GPS) Y RWY 19L, AMDT 2B...
LNAV MDA 880/HAT 578 ALL CATS. VISIBILITY CATS C/D 1 1/4.
VDP AT 1.60 NM TO RW19L.
FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 5/8 SM.
EXCEPT WHEN ADVISED BY ATC THAT THIS CRANE IS DOWN.
TEMPORARY CRANE 572MSL 17287FT NORTH OF RWY 19L
(2019-AEA-4704-OE).

RAIM (IAD)

UAL 02283/16 (10 JAN 20)

10 JAN 2020 06:00-11 JAN 2020 06:00
B777B787.30 IAD RNP:0.3 OPERATIONS / VALID FM 10/06:00Z TO 11/06:00Z
GPS COVERAGE ACCEPTABLE FOR THIS OPERATION OVER THE NEXT 24 HOURS

KIADA4697/19 (02 DEC 19)

/BRV/ VORTAC U/S

KRIC - AVOID DIVERSIONS - EMERGENCY ONLY

UAL 0000W/19 (06 JUN 19)

KRIC - AVOID DIVERSIONS - MAY ONLY BE USED AS AN EMERGENCY AIRPORT DUE TO GROUND HANDLING LIMITATIONS/TERMINAL CONSTRUCTION.

NORMALLY SCHEDULED (KRIC) FLIGHTS ARE EXEMPT FROM THIS RESTRICTION.

Rnwy 30 departures

UAL 000KJ/19 (27 APR 19)

Rnwy 30 departures use upper antenna for ATC communications

KIADA1477/19 (05 MAR 19)

ILS OR LOC RWY 01R, 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.

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TOWER 514 MSL 5.20 NM SOUTH OF RWY 01R.

ENROUTE INFORMATION

KZHU / HOUSTON

KZHUA0013/20 (03 JAN 20)

10 JAN 2020 13:15-11 JAN 2020 00:04
DEL RIO APP OPN

KZHUA0008/20 (03 JAN 20)

10 JAN 2020 13:15-11 JAN 2020 00:04
DEL RIO APP OPN.

KZHUA2317/19 (30 DEC 19)

ADS-B, AUTO DEPENDENT SURVEILLANCE REBROADCAST
(ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE AVBL WI
AN AREA DEFINED AS 139NM RADIUS OF 261010N0892142W.
AIRSPACE AFFECTED MAY INCLUDE GULF OF MEXICO AREAS
OFMISSISSIPPI CANYON, EWING BANK, ATWATER VALLEY,
WALKER RIDGE, LLOYD RIDGE, GREEN CANYON, GRAND ISLE
AREA, SOUTH TIMBALIER AREA, LUND, LUND SOUTH, HENDERSON,
FLORIDA PLAIN, AMERY TERRACE.

KZMEA0330/19 (20 DEC 19)

ROUTE ZME ZHU.
V194 MC COMB (MCB) VORTAC, MS TO MIZZE, MS MEA 3500. V194 MIZZE,
MS MCA 3500 SOUTHWEST BOUND.

KZHUA2313/19 (20 DEC 19)

V194 MCB VORTAC TO MIZZE MEA 3500.
V194 MIZZE MCA 3500 SWB.

KZHUA1117/19 (24 MAY 19)

V13 AUSTS, TX DISREGARD MRA 2300.

KZHUA1116/19 (24 MAY 19)

V407 AUSTS DISREGARD MRA 2300..

KZHUA1080/19 (17 MAY 19)

V198 HUB VOR/DME TO SBI VOR/DME MEA 3100.

KZHUA0531/19 (04 MAR 19)

V543 RYTHM MCA 4200 NORTHEASTBOUND.

KZHUA0209/19 (25 JAN 19)

ROUTE ZHU.
V20 GULFPORT (GPT) VORTAC, MS R-061 TO SEMMES (SJI) VORTAC, AL MEA
5000 EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
GPS.

KZHUA1753/18 (09 NOV 18)

SPECIAL NOTICE..GULF OF MEXICO RNAV AND ATLANTIC ROUTES PUBLISHED
CO-DESIGNATION ON ENROUTE HIGH CHARTS H-7, H-8, AND H-9 CHARTS. THE
RNAV ROUTES Q100 AND Q102 WILL BE CO-DESIGNATED WITH Y280 AND Y290
RESPECTIVELY. ADDITIONALLY, MULTIPLE ATLANTIC ROUTES(AR) WILL BE
CO-DESIGNATED AS Y ROUTES, E.G. AR 21/Y 289. UNTIL FURTHER NOTICE AND
COMPLETION OF TRANSITION
OF THE U.S. EAST COAST PBN ROUTE STRUCTURE, OPERATORS ARE TO FOLLOW
THE PUBLISHED GUIDANCE APPLICABLE TO THE ROUTES INDICATED IN THEIR
FLIGHT PLAN.FOR EXAMPLE, OPERATORS FILING TO FLY Q100 ARE TO FOLLOW
THE GULF Q ROUTE GUIDANCE IN THE NTA (PART 3, SECTION 2) GULF OF
MEXICO Q ROUTES. ADDITIONALLY, OPERATORS FILING TO FLY Y280 ARE TO
FOLLOW THE Y ROUTE GUIDANCE IN THE U. S. AIP (ENR 7). SAME POLICYAPPLIES TO CO-DESIGNATED AR AND Y
ROUTES. IF AN OPERATOR FLIGHT
PLANS A ROUTE OF FLIGHT INDICATING A COMBINATION OF ROUTES WHICH
INCLUDES A Y ROUTE, THE AIRCRAFT MUST MEET THE EQUIPAGE AND

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PERFORMANCE REQUIREMENTS PUBLISHED IN THE AIP SECTION ENR 7.10.
PLEASE DIRECT ANY QUESTION TO FLIGHT TECHNOLOGIES AND PROCEDURES
DIVISION, 202-267-8790

KZHUA0096/16 (21 JAN 16)

QANXX FLIGHT OPERATIONS IN THE GULF OF MEXICO FLIGHT INFORMATION
REGION (FIR), INCLUDING ZHU, ZMA, MID AND MTY, OPERATORS ARE
EXPECTED TO OBTAIN RNP 10 OR RNP 4 AUTHORIZATION. NON-RNOP 10
AIRCRAFT WILL BE ACCOMMODATED UNDER THE FOLLOWING CONDITIONS: (1)
RMK/NONRNP10 SHALL BE INSERTED FIRST IN THE REMARKS (RMK) SECTION
UNDER ITEM 18 OF YOUR ICAO FLIGHT PLAN, (2) THE PILOT MUST STATE
NEGATIVE RNP TEN DURING INITIAL COMMUNICATION WITH ZHU, ZMA, MID
AND MTY AREA CONTROL CENTERS.
FROM 4000FT AMSL UP TO FL450

KZHUA1234/14 (27 AUG 14)

SPECIAL NOTICE..AIRCRAFT DESTINED THE HOUSTON
TERMINAL AREA THAT FILE AN RNAV OPTIMIZED PROFILE DESCENT (OPD) STAR
MUST BE ABLE TO MEET THE VERTICAL PROFILE AND SPEED RESTRICTIONS
PUBLISHED ON THE PROCEDURE. IF UNABLE, FILE THE APPROPRIATE
CONVENTIONAL NAVIGATION STAR.

NAM / NORTH AMERICA

N I L

USA / UNITED STATES

N I L

KZTL / ATLANTA

KZTLA0407/19 (11 DEC 19)

V5 CORCE, GA TO AWSON, GA MEA 5400. MOCA 4600. DISREGARD AWSON, GA
MRA 5000.

KZTLA0405/19 (11 DEC 19)

V311, V417 AWSON, GA TO CORCE, GA MEA 5400. MOCA 4600. DISREGARD
AWSON, GA MRA 5000.

*KZTLA0389/19 (02 DEC 19)

J209 GREENWOOD (GRD) VORTAC, SC TO RALEIGH/DURHAM (RDU) VORTAC, NC
NA.

*KZTLA0388/19 (02 DEC 19)

J208 ATHENS (AHN) VOR/DME, GA TO HOPEWELL (HPW) VORTAC, VA NA.

*KZTLA0387/19 (02 DEC 19)

J151 CROSS CITY (CTY) VORTAC, FL TO VULCAN (VUZ) VORTAC, AL NA.

*KZTLA0386/19 (02 DEC 19)

J75 DOLPHIN (DHP) VORTAC, FL TO GREENSBORO (GSO) VORTAC, NC NA.

*KZTLA0385/19 (02 DEC 19)

J47 CHARLESTON (CHS) VORTAC, SC TO SPARTANBURG (SPA) VORTAC, SC
NA.

*KZTLA0384/19 (02 DEC 19)

J46 VOLUNTEER (VXV) VORTAC, TN TO ALMA (AMG) VORTAC, GA NA.

KZTLA0383/19 (02 DEC 19)

J37 MONTGOMERY (MGM) VORTAC, AL TO LYNCHBURG (LYH) VOR/DME, VA NA.

*KZTLA0382/19 (02 DEC 19)

J4 COLLIERS (IRQ) VORTAC, SC TO WILMINGTON (ILM) VORTAC, NC NA.

KZTLA0378/19 (26 NOV 19)

ROUTE ZTL.

V70 EUFAULA (EUF) VORTAC, AL TO VIENNA (VNA) VORTAC, GA MEA 3000.

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KZTLA0288/19 (30 AUG 19)

ROUTE
V70 ALLENDALE (ALD) VOR, R-248 TO COP NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
ALD VOR UNUSABLE ALL ALTITUDES.

KZTLA0120/19 (08 APR 19)

ROUTE ZTL.
V97 WILMS INT, GA TO GRANT INT, GA MEA 6000.
V97 PRATZ INT, GA MCA 6000.
PZD DME UNUSABLE R-359 UNUSABLE BELOW 6000.

KZTLA0084/19 (14 MAR 19)

V311 MADOL TO NELLO MEA 7500 SB.
HCH VOR/DME RESTRICTED BEYOND 55NM.

KZTLA0031/19 (29 JAN 19)

V53 WIDER INT, SC TO WILLS INT, SC NOT AUTH EXCEPT FOR AIRCRAFT
EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS.

KZTLA0029/19 (29 JAN 19)

V37 GREAT INT, SC TO RICHE INT, SC MEA 6000.

KZTLA0028/19 (29 JAN 19)

V311 GRD VORTAC TO CAE VORTAC MEA 2400

KZTLA0363/18 (27 DEC 18)

V311 AWSON, GA MRA 6000.

KZTLA0361/18 (27 DEC 18)

V5 AWSON, GA MRA 6000.

KZTLA0362/18 (27 DEC 18)

V417 AWSON, GA MRA 6000.

KZTLA0357/18 (27 DEC 18)

ROUTE ZTL.
V97 NELLO, GA MCA 10000 NORTHBOUND.

KZTLA0355/18 (27 DEC 18)

V5 NELLO MCA 7000 EB.

KZTLA0353/18 (27 DEC 18)

ROUTE ZTL.
V417 NELLO, GA MCA 7000 EASTBOUND.

*KZTLA0322/18 (26 NOV 18)

Q52 CHOPZ, GA TO COLZI, NC NOT AUTH.

KZTLA0316/18 (16 NOV 18)

V133 STOVE, VA MCA 12100 NB.

KZTLA0314/18 (16 NOV 18)

V133 MULBE, NC MCA 5900 NORTHBOUND.

KZDC / WASHINGTON

*KZDCA0316/19 (31 DEC 19)

AREA W72A 'NORTH CAROLINA, NC' ACTIVATED.
F)SFC G)UNL

*KZDCA0315/19 (31 DEC 19)

AREA W50A 'DAM NECK, VA' ACTIVATED.

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F)SFC G)FL750

*KZDCA0317/19 (31 DEC 19)

W107A ACT
F)SFC G)UNL

*KZDCA0314/19 (31 DEC 19)

AREA W50C 'DAM NECK, VA' ACTIVATED.
F)SFC G)FL750

*KZDCA0312/19 (31 DEC 19)

W72B ACT
F)SFC G)UNL

*KZDCA0310/19 (31 DEC 19)

AREA W386 'VIRGINIA CAPES, VA' ACTIVATED.
F)SFC G)UNL

*KZDCA0311/19 (31 DEC 19)

W50B ACT
F)SFC G)FL750

*KZDCA0309/19 (31 DEC 19)

AREA W122 'CHERRY POINT, NC' ACTIVATED.
F)SFC G)UNL

*KZDCA0308/19 (31 DEC 19)

W110 ACT
F)SFC G)FL230

*KZDCA0281/19 (02 DEC 19)

J209 GREENWOOD (GRD) VORTAC, SC TO RALEIGH/DURHAM (RDU) VORTAC, NC
NA.

*KZDCA0280/19 (02 DEC 19)

J208 ATHENS (AHN) VOR/DME, GA TO HOPEWELL (HPW) VORTAC, VA NA.

*KZDCA0279/19 (02 DEC 19)

J52 COLUMBIA (CAE) VORTAC, SC TO TUBAS, NC NA.

*KZDCA0278/19 (02 DEC 19)

J51 CRAIG (CRG) VORTAC, FL TO TUBAS, NC NA.

*KZDCA0277/19 (02 DEC 19)

J37 MONTGOMERY (MGM) VORTAC, AL TO LYNCHBURG (LYH) VOR/DME, VA NA.

*KZDCA0276/19 (02 DEC 19)

J4 COLLIERS (IRQ) VORTAC, SC TO WILMINGTON (ILM) VORTAC, NC NA.

KZDCA0228/19 (11 SEP 19)

V38 ELKINS (EKN) VORTAC, WV MCA 4800 EASTBOUND.

KZDCA0227/19 (11 SEP 19)

V4 ELKINS (EKN) VORTAC, WV MCA 4900 EASTBOUND.

KZDCA0115/19 (17 MAY 19)

V252 HOPAT INT, NJ TO COATE INT, NJ MAXIMUM ALTIUDE 15000 EXCEPT
FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
V252 ARMMS INT, NJ MINIMUM ALTITUDE AT ARMMS 4000 EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
RBV VOR R-001 RESTRICTED.

KZDCA0113/19 (17 MAY 19)

V252 COP TO RBV VORTAC R-249 MEA 3500 EXC FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
RBV VOR R-249 RESTRICTED.

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*KZDCA0047/19 (04 MAR 19)

ROUTE ZDC.
V1 WALLO, NC TO ZAGGY, NC NA.

*KZDCA0045/19 (04 MAR 19)

ROUTE ZDC.
V45 NEW BERN (EWN) VOR/DME, NC TO BRADE, NC NA.

KZDCA0043/19 (04 MAR 19)

V54 FAYETTEVILLE (FAY) VOR/DME TO KINSTON (ISO) VORTAC NOT AUTH.

KZDCA0041/19 (04 MAR 19)

V472 ZAGGY TO KINSTON (ISO) VORTAC NOT AUTH.

KZDCA0024/19 (24 JAN 19)

V31 ARUYE MCA 6000 NORTHWESTBOUND.

KZDCA0012/19 (08 JAN 19)

ROUTE ZDC ZID.
V258 BECKLEY (BKW) VORTAC, WV TO ZOOMS, WV NA BKW VOR R-131
UNUSABLE.

KZDCA0344/18 (30 DEC 18)

ROUTE ZDC.
V54 RAEFO, NC TO FAYETTEVILLE (FAY) VOR/DME, NC DUAL MEA 2800
EASTBOUND 5000 WESTBOUND.

KZDCA0342/18 (27 DEC 18)

V469 EXTRAS, VA MCA 10000 NORTHBOUND.

KZDCA0341/18 (27 DEC 18)

V469 BOIER, WV MCA 10000 SOUTHEASTBOUND.

*KZJXA1903/18 (23 NOV 18)

V1 INLET, SC TO WALLO, NC NOT AUTH

*KZDCA0318/18 (23 NOV 18)

V1 INLET TO WALLO NOT AUTH.

KZDCA0055/18 (15 MAR 18)

[REDACTED]

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KZDCA0540/16 (28 DEC 16)

SPECIAL NOTICE..EFFECTIVE 1701010000 UNTIL 2012312359, SCIENTIFIC AND RESEARCH LASER OPS WILL BE CONDUCTED AT THE NASA/GODDARD SPACE CENTER GEOPHYSICAL AND ASTRONOMICAL OBSERVATORY IN LAUREL, MARYLAND LOCATED AT 390113N0764939W. THE SYSTEM IS INTERMITTENT, WITH POSSIBLE OPERATIONS HAPPENING 24HRS A DAY, 7 DAYS A WEEK. THE LASER BEAM MAY BE INJURIOUS TO PILOTS/AIRCROWS AND PASSENGERS EYES FOR A DISTANCE FM SFC-110352FT AGL. HOWEVER, THIS SYSTEM USES A LASER HAZARD REDUCTION RADAR SYSTEM THAT IS SLAVED TO THE TELESCOPE MOUNT, TO ENSURE THE LASER IS DEACTIVATED IN THE EVENT AN ACFT APPROACHES. THE AREA WILL ALSO BE MONITORED BY OBSERVERS AND THE LASER BEAM WILL BE TERMINATED IF NONPARTICIPATING ACFT ARE DETECTED. LASER IRRADIANCE LEVELS WILL NOT EXCEED THE MAXIMUM PERMISSIBLE EXPOSURE LEVELS WI THE LASER FREE, CRITICAL, AND SENSITIVE ZONES. OTHER VISUAL EFFECTS, E.G., FLASHBLINDNESS, AFTER IMAGE, GLARE, AND DISTRACTION MAY OCCUR AT GREATER DISTANCES. THE POTOMAC /PCT/ TRACON TELEPHONE 540-349-7541 IS THE FAA COORDINATION FACILITY.

KZDCA0472/16 (17 OCT 16)

ZDC SECURITY...SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, DC. THIS NOTAM AND COMPLEMENTARY NOTAMS REPLACE FDC 6/6472 TO PROVIDE UPDATED INSTRUCTIONS. SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT OPERATIONS (UAS) IN THE DC SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ), ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339, 93.341, AND 99.7, AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3). THIS NOTAM CLARIFIES AND SUPPLEMENTS THE OPERATING REQUIREMENTS FOR THE DC SFRA, INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ), AND THOSE PRESCRIBED BY 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, 93.345, AND 99.7.

SECTION I. SPECIAL NOTES ON UAS OPERATIONS IN THE DC SFRA:

A. THIS NOTAM SUPPLEMENTS THE DC SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ) FDC NOTAMS WITH SPECIAL SECURITY INSTRUCTIONS, INCLUDING OPERATING REQUIREMENTS, THAT ARE SPECIFIC TO UAS OPERATIONS, INCLUDING OPERATIONS BY MODEL AIRCRAFT (HOBBYIST OR RECREATIONAL USE), CIVIL (INCLUDING COMMERCIAL), AND PUBLIC OPERATORS, IN THE DC SFRA.

B. THE FAA HAS ESTABLISHED THE DC SFRA, INCLUDING THE DC FRZ, AS '' PURSUANT TO 49 USC 40103(B)(3). PERSONS OPERATING UAS IN THE DC SFRA WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, AND 99.7, AND THE FOLLOWING UAS-SPECIFIC SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS MAY FACE RESPONSE AND ENFORCEMENT ACTIONS DESCRIBED BY THE DC SFRA, INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ) FDC NOTAMS.

C. UAS OPERATIONS ARE PROHIBITED IN THE DC FRZ.

SECTION II. OPERATING REQUIREMENTS FOR DC SFRA (MODEL AIRCRAFT UAS OPERATIONS): ALL MODEL AIRCRAFT (FOR HOBBYIST OR RECREATIONAL USE ONLY) UAS OPERATIONS ARE PROHIBITED WITHIN DC SFRA UNLESS IN COMPLIANCE WITH ALL OF THE REQUIREMENTS LISTED BELOW. REFER TO

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SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF MODEL AIRCRAFT OPERATIONS.

A. THE UAS IS REGISTERED AND MARKED AS REQUIRED BY THE FAA. REFER TO INSTRUCTIONS PROVIDED AT WWW.FAA.GOV/UAS/REGISTRATION.

B. THE UAS WEIGHS LESS THAN 55 LBS. INCLUDING ALL ADDED EQUIPMENT (SUCH AS CAMERAS) ATTACHED TO THE AIRCRAFT.

C. OPERATIONS MUST REMAIN AT OR BELOW 400 FEET ABOVE GROUND LEVEL (AGL) UNLESS ISSUED A SITE SPECIFIC WAIVER BY SYSTEM OPERATIONS
CNN016E KZDC A0472/16 KZDC PART 2 NOT FOUND
CNN001E EDIT FAILED

D. OPERATIONS MUST REMAIN WITHIN VISUAL LINE OF SIGHT OF THE OPERATOR AND IN COMPLIANCE WITH THE FOLLOWING:

1. OPERATIONS MUST BE CONDUCTED UNDER VISUAL METEOROLOGICAL CONDITIONS (VMC).

2. OPERATIONS MUST NOT BE CONDUCTED DURING NIGHT AS DEFINED IN 14 CFR SECTION 1.1.

3. FLIGHTS UNDER SPECIAL VISUAL FLIGHT RULES (SVFR) ARE NOT AUTHORIZED.

E. PRIOR TO OPERATING WITHIN 5 MILES OF AN AIRPORT, THE UAS OPERATOR MUST NOTIFY THE AIRPORT OPERATOR AND, WHEN PRESENT, THE AIR TRAFFIC CONTROL TOWER.

F. OPERATIONS MUST NOT INTERFERE WITH AND MUST GIVE WAY TO MANNED AIRCRAFT.

G. MODEL AIRCRAFT UAS OPERATIONS ARE COMPLETELY PROHIBITED IN THE DC FRZ.

SECTION III. OPERATING REQUIREMENTS FOR DC SFRA (CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS): :ALL CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS ARE PROHIBITED WITHIN DC SFRA UNLESS IN COMPLIANCE WITH
END PART 3 OF 6

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ZDC SECURITY...SPECIAL SECURITY

INSTRUCTIONS,

TITLE 14 CFR PART 107 OR THE OPERATOR'S APPLICABLE FAA GRANT OF EXEMPTION PURSUANT TO PUBLIC LAW 112-95, SECTION 333, AND FAA CERTIFICATE OF AUTHORIZATION OR WAIVER (COA) REFER TO SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF CIVIL, INCLUDING COMMERCIAL, UAS OPERATIONS.

SECTION IV. OPERATING REQUIREMENTS FOR DC SFRA (PUBLIC UAS OPERATIONS): ALL PUBLIC UAS OPERATIONS ARE PROHIBITED WITHIN DC SFRA, UNLESS IN COMPLIANCE WITH THE OPERATOR'S APPLICABLE CERTIFICATE OF AUTHORIZATION OR WAIVER (COA) OR OPERATING UNDER TITLE 14 CFR PART 107. REFER TO SECTION VI OF THIS NOTAM FOR THE APPLIED DEFINITION OF PUBLIC UAS OPERATIONS.

SECTION V. ADDITIONAL GENERAL OPERATING REQUIREMENTS AND GUIDANCE FOR DC SFRA (ALL TYPES OF UAS OPERATIONS):

A. UAS OPERATIONS IN THE DC SFRA MUST NOT PENETRATE RESTRICTED AREAS, PROHIBITED AREAS, OR TEMPORARY FLIGHT RESTRICTIONS (TFR). RESTRICTED AND PROHIBITED AREAS ARE DEPICTED ON CHARTS AVAILABLE THROUGH THE FAA - REFER TO

WWW.FAA.GOV/AIR?TRAFFIC/FLIGHT?INFO/AERONAV. INFORMATION ON CURRENT TFR'S CAN BE OBTAINED AT [HTTP://TFR.FAA.GOV](http://TFR.FAA.GOV).

B. UAS OPERATIONS IN THE DC SFRA MUST NOT PENETRATE THE DC FRZ. UAS OPERATIONS ARE PROHIBITED IN THE DC FRZ.

C. UAS OPERATORS SHOULD BE AWARE OF OTHER NOTAMS, WHICH ADDRESS SECURITY SENSITIVE INCIDENTS, EVENTS, OPERATIONS, AND/OR LOCATIONS SUCH AS MILITARY OR OTHER FEDERAL FACILITIES, CERTAIN STADIUMS, POWER PLANTS, ELECTRIC SUBSTATIONS, DAMS, OIL REFINERIES, NATIONAL PARKS, EMERGENCY, SERVICES AND OTHER INDUSTRIAL COMPLEXES. IN ADDITION TO THE PREVIOUSLY MENTIONED LINK, INFORMATION REGARDING PUBLISHED NOTAMS CAN BE FOUND AT:

WWW.FAA.GOV/AIR?TRAFFIC/PUBLICATIONS/NOTICES/ D. UAS OPERATIONS MUST NOT INTERFERE WITH AND MUST GIVE WAY TO MANNED AIRCRAFT.

SECTION VI. DEFINITIONS:

A. MODEL AIRCRAFT UAS: UAS MUST MEET THE REQUIREMENTS PRESCRIBED BY PUBLIC LAW 112-95, SECTION 336, TO QUALIFY AS A MODEL AIRCRAFT, WHICH IS USED EXCLUSIVELY FOR HOBBYIST OR RECREATIONAL PURPOSES. UAS USED FOR COMMERCIAL ACTIVITY DO NOT QUALIFY AS MODEL AIRCRAFT.

B. CIVIL, INCLUDING COMMERCIAL UAS: CIVIL UAS OPERATIONS GENERALLY COMPRISE FLIGHTS CONDUCTED BY PRIVATE SECTOR ENTITIES FOR COMMERCIAL PURPOSES. REFER TO TITLE 14 CFR PART 107 OR PUBLIC LAW 112-95, SECTION 333, FOR ADDITIONAL DETAILS ON UAS OPERATIONS THAT ARE ADDRESSED BY SECTION III OF THIS NOTAM.

C. PUBLIC UAS: PUBLIC UAS OPERATIONS GENERALLY INCLUDE GOVERNMENTAL

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OPERATIONS, INCLUDING DEPARTMENT OF DEFENSE (DOD) AND NATIONAL GUARD (NG) FLIGHTS. REFER TO 49 USC SECTION 40102(A)(41), WHICH PROVIDES THE DEFINITION OF ?PUBLIC AIRCRAFT? AND 49 USC SECTION 40125 PROVIDES THE QUALIFICATIONS FOR PUBLIC AIRCRAFT STATUS.

SECTION VII. RESOURCES:

A. THE CODE OF FEDERAL REGULATIONS CAN BE FOUND ON THE GOVERNMENT PRINTING OFFICE WEBSITE AT WWW.ECFR.GOV.

B. ANY UAS OPERATOR QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA UNMANNED AIRCRAFT SYSTEM PROGRAM OFFICE AT 202-267-7540.

C. FAA INFORMATION TO HELP UAS OPERATORS UNDERSTAND REQUIREMENTS AND RESTRICTIONS, WHICH COULD BE IN EFFECT AT THEIR INTENDED OPERATING LOCATION, IS AVAILABLE THROUGH THE FAA'S B4UFLY SMARTPHONE APPLICATION - SEE WWW.FAA.GOV/UAS/B4UFLY.

KZDCA0458/16 (12 OCT 16)

SPECIAL SECURITY INSTRUCTIONS, WASHINGTON, DC. THIS NOTAM REPLACES FDC 6/6469 TO PROVIDE UPDATED INSTRUCTIONS. SPECIAL SECURITY INSTRUCTIONS FOR AIRCRAFT OPERATIONS IN THE LEESBURG MANEUVERING AREA (LMA) OF THE DC SPECIAL FLIGHT RULES AREA (SFRA) ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) SECTIONS 93.335, 93.337, 93.339, AND 99.7, AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3). THIS NOTAM CLARIFIES AND SUPPLEMENTS THE OPERATING REQUIREMENTS FOR THE DC SFRA, INCLUDING THE DC FLIGHT RESTRICTED ZONE (FRZ), AND THOSE PRESCRIBED BY 14 CFR SECTION 93.339. SECTION I. SPECIAL NOTES ON LMA: A. THE OPERATING REQUIREMENTS PRESCRIBED BY THIS NOTAM ARE SPECIFIC TO THE LMA. COMPLIANCE WITH LMA REQUIREMENTS DOES NOT AUTHORIZE OPERATIONS IN THE DC SFRA OUTSIDE OF THE LMA, WHICH MUST BE IN COMPLIANCE WITH DC SFRA NOTAM AND 14 CFR SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, 93.345, AND 99.7. B. THE LMA IS THE AREA DEFINED IN SECTION V OF THIS NOTAM. C. THE LMA IS PART OF THE DC SFRA, WHICH THE FAA HAS ESTABLISHED AS 'NATIONAL DEFENSE AIRSPACE' PURSUANT TO 49 USC 40103(B)(3). D. PERSONS OPERATING IN THE LMA WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY 14 CFR SECTIONS 93.335, 93.337, 93.339, AND 99.7, AND THE FOLLOWING LMA-SPECIFIC SUPPLEMENTAL SPECIAL
END PART 1 OF 7

ZDC SECURITY...SPECIAL SECURITY INSTRUCTIONS, SECURITY INSTRUCTIONS MAY FACE RESPONSE AND ENFORCEMENT ACTIONS DESCRIBED BY THE DC SFRA AND DC FRZ NOTAMS. SECTION II. OPERATING REQUIREMENTS (BASIC): ALL AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN THE LMA, UNLESS IN COMPLIANCE WITH 14 CFR SECTIONS 93.335, 93.337, AND 93.339, AND THE FOLLOWING SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS FOR THE LMA REQUIRED PURSUANT TO 14 CFR SECTION 99.7 AND 49 USC SECTION 40103(B)(3): A. BASIC OPERATING REQUIREMENTS: AIRCRAFT ARE AUTHORIZED TO OPERATE IN THE LMA IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1. BE EQUIPPED WITH AT LEAST ONE OPERABLE TWO-WAY RADIO CAPABLE OF COMMUNICATING WITH POTOMAC TRACON (PCT) OR, WHEN OPERATIONAL, JYO TOWER ON APPROPRIATE RADIO FREQUENCIES. 2. BE EQUIPPED WITH AN OPERATING TRANSPONDER WITH AUTOMATIC ALTITUDE REPORTING CAPABILITY AS SPECIFIED UNDER 14 CFR SECTION 91.215. 3. MONITOR VHF GUARD 121.5 OR UHF GUARD 243.0, IF ABLE. 4. SQUAWK THE AIR TRAFFIC CONTROL (ATC) ASSIGNED TRANSPONDER CODE OR APPROPRIATE LMA BEACON CODE AT ALL TIMES. CODE 1200 IS NOT PERMITTED AT ANY TIME WITHIN THE LMA OR DC SFRA. B. OPERATIONS BY UNMANNED AIRCRAFT SYSTEMS (UAS), INCLUDING MODEL AIRCRAFT (FOR HOBBYIST OR RECREATIONAL USE ONLY), CIVIL AND COMMERCIAL OPERATIONS, AND PUBLIC OPERATIONS, ARE ONLY AUTHORIZED IN THE LMA IF IN
END PART 2 OF 7

SPECIAL SECURITY INSTRUCTIONS, COMPLIANCE WITH THE SEPARATE UAS FAA NOTAM, WHICH PRESCRIBES UAS-SPECIFIC OPERATING REQUIREMENTS IN THE DC SFRA, INCLUDING THE DC FRZ. C. EXCEPT FOR FAA APPROVED DEPARTMENT OF DEFENSE (DOD), NATIONAL GUARD (NG), LAW ENFORCEMENT, AND WAIVERED LIFEGUARD/AIR AMBULANCE OPERATIONS, ALL AIRCRAFT OPERATING UNDER VISUAL FLIGHT RULES (VFR) IN THE LMA ARE RESTRICTED TO AN INDICATED AIRSPEED OF 180 KNOTS OR LESS. IF UNABLE, THE PILOT MUST CONTACT POTOMAC TRACON (PCT) AND ADVISE THEM OF THE AIRCRAFT'S OPERATIONAL LIMITATIONS PRIOR TO OPERATING IN THE LMA OR THE REST OF THE DC SFRA. SECTION III. OPERATING REQUIREMENTS (VFR AT JYO) - AIRCRAFT OPERATING UNDER VFR AT JYO MUST COMPLY WITH ALL OF THE FOLLOWING CONDITIONS: A. AIRCRAFT DEPARTING FROM OR LANDING AT JYO MUST: 1. SQUAWK TRANSPONDER CODE 1226? 2. WHEN JYO TOWER IS OPEN, PRIOR TO TAXING,

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ESTABLISH AND MAINTAIN TWO-WAY RADIO COMMUNICATIONS WITH THE GROUND CONTROL? 3. WHEN JYO TOWER IS OPEN, PRIOR TO ENTERING THE LEESBURG MANEUVERING AREA, ESTABLISH AND MAINTAIN TWO-WAY RADIO COMMUNICATIONS WITH THE TOWER? 4. WHEN JYO TOWER IS CLOSED, PRIOR TO DEPARTING JYO ANNOUNCE THE AIRCRAFT CALL SIGN, TYPE, AND INTENDED DEPARTURE RUNWAY ON THE PUBLISHED CTAF? 5. AFTER DEPARTING JYO, EXIT THE LMA VIA THE MOST DIRECT LATERAL ROUTE AND AVOID ENTERING THE
END PART 3 OF 7

SPECIAL SECURITY INSTRUCTIONS,
REST OF THE DC SFRA? 6. WHEN JYO TOWER IS CLOSED, PRIOR TO ENTERING THE LMA PILOTS LANDING AT JYO MUST ANNOUNCE THE AIRCRAFT CALL SIGN, TYPE, AND INTENDED LANDING RUNWAY ON THE PUBLISHED CTAF. 7. PILOTS MUST ENTER THE LMA VIA THE MOST DIRECT ROUTE AND AVOID ENTERING REST OF THE DC SFRA. 8. PILOTS DEPARTING FROM OR LANDING AT JYO UNDER VFR OPERATIONS ARE NOT REQUIRED TO CONTACT PCT UNLESS OTHERWISE DIRECTED. B. AIRCRAFT CONDUCTING TRAFFIC PATTERN OPERATIONS AT JYO MUST: 1. FILE A DC SFRA FLIGHT PLAN? 2. OBTAIN AND SQUAWK THE ASSIGNED TRANSPONDER CODE FROM JYO TOWER (OR PCT WHEN JYO TOWER IS CLOSED) ? 3. ESTABLISH AND MAINTAIN TWO-WAY RADIO COMMUNICATIONS WITH JYO TOWER, OR ON THE PUBLISHED CTAF FREQUENCY WHEN JYO TOWER IS CLOSED? 4. OBTAIN ATC AUTHORIZATION TO PERFORM PRACTICE APPROACHES FROM JYO TOWER OR PCT WHEN JYO TOWER IS CLOSED. AUTHORIZATIONS WILL BE GRANTED WORKLOAD PERMITTING. SECTION IV. OPERATING REQUIREMENTS (RADIO OR TRANSPONDER FAILURE WHILE OPERATING IN THE LMA) - AIRCRAFT OPERATING IN THE LMA, WHICH EXPERIENCE RADIO OR TRANSPONDER PROBLEMS, MUST COMPLY WITH ALL OF THE FOLLOWING CONDITIONS: A. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER VFR TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA/FRZ, INCLUDING THE LMA, WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO
END PART 4 OF 7

SPECIAL SECURITY INSTRUCTIONS,
CONTACT ATC MUST IMMEDIATELY SQUAWK 7600 AND EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPTING: 1. IF THE DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE. B. ANY PERSON OPERATING AN AIRCRAFT UNDER INSTRUMENT FLIGHT RULES (IFR) IN OR TRANSITING THE DC SFRA, INCLUDING THE LMA, WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT WITH ATC OR CTAF MUST CONTINUE THE FLIGHT IN COMPLIANCE WITH THE TWO-WAY RADIO COMMUNICATIONS FAILURE PROCEDURES FOUND IN THE FAA AERONAUTICAL INFORMATION MANUAL (AIM) AND/OR APPLICABLE FEDERAL AVIATION REGULATIONS (FAR). THESE PROCEDURES DO NOT AUTHORIZE PENETRATION OF RESTRICTED OR PROHIBITED AIRSPACE. C. ANY PERSON OPERATING AN AIRCRAFT TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA, INCLUDING THE LMA, WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO CONTINUOUSLY SQUAWK THE ATC ASSIGNED TRANSPONDER CODE MUST IMMEDIATELY ADVISE ATC AND COMPLY WITH ALL INSTRUCTIONS FROM ATC. IF UNABLE TO CONTACT ATC, PILOTS MUST EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPTING: 1. IF THE DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER THAN THE DC
END PART 5 OF 7

SPECIAL SECURITY INSTRUCTIONS,
SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE. D. THE PROCEDURES IN SECTION IV, SUBSECTIONS A, B, AND C DO NOT AUTHORIZE PENETRATION OF RESTRICTED AREAS OR PROHIBITED AREAS. SECTION V. DEFINITIONS: A. FOR PURPOSES OF THIS NOTAM, A DC SFRA FLIGHT PLAN IS DEFINED IN 14 CFR PART 93.335. B. THE LMA IS THE AREA, WHICH IS SITUATED WITHIN THE DC SFRA AND AROUND THE LEESBURG EXECUTIVE AIRPORT (JYO), BOUNDED BY A LINE BEGINNING AT THE WASHINGTON /DCA/ VOR/DME 299 DEGREE RADIAL AT 30 NM 390139.1N/0773826.7W? THENCE CLOCKWISE ALONG THE DCA 30 NM ARC TO THE 391242N/0772930W OR THE ARMEL /AML/ VORTAC 004 DEGREE RADIAL AT 16.6 NM? THENCE SOUTH VIA A LINE DRAWN TO THE 390303N/0772837W OR THE ARMEL /AML/ VORTAC 004 DEGREE RADIAL AT 7NM? THENCE COUNTERCLOCKWISE ALONG THE AML 7 NM ARC TO THE AML 331 DEGREE RADIAL AT 7 NM 390139.3N/0773325.5W? THENCE WEST VIA A LINE DRAWN TO THE POINT OF BEGINNING. SECTION VI. RESOURCES: A. THE CODE OF FEDERAL REGULATIONS CAN BE FOUND ON THE GOVERNMENT PRINTING OFFICE WEBSITE AT WWW.GPO.GOV/FDSYSACCESS.GOV/CFR/INDEX.HTML, OR WWW.ECFR.GOV. B. ANY PILOT QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA SYSTEM OPERATIONS SECURITY REPRESENTATIVE AT THE

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NATIONAL CAPITAL REGION COORDINATION CENTER (NCRCC) AT
END PART 6 OF 7

SPECIAL SECURITY INSTRUCTIONS,
9-AWA-ATSNCRCC?FAA.GOV OR (866) 598-9522. C. INFORMATION ABOUT
FAA/TSA AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS
CAN BE FOUND AT WWW.TSA.GOV/STAKEHOLDERS/AIRSPACEWAIVERS OR BY
CONTACTING TSA AT (571) 227-2071. D. INDIVIDUALS MAY SUBMIT A
REQUEST FOR A FAA WAIVER AT WAIVERS.FAA.GOV. AFTER NORMAL BUSINESS
HOURS, FOR EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA AT THE
NCRCC AT (866) 598-9520. E. THE TRANSPONDER REQUIREMENTS DESCRIBED
IN THIS NOTAM ARE ESTABLISHED SOLELY FOR SECURITY TRACKING PURPOSES
AND DO NOT IMPLY THE PROVISION OF ATC RADAR SERVICES, UNLESS ATC
SERVICES ARE REQUESTED AND APPROVED. F. THE COMMUNICATIONS
REQUIREMENTS DESCRIBED IN THIS NOTAM ARE ESTABLISHED TO MAINTAIN THE
ABILITY TO IMMEDIATELY COMMUNICATE SECURITYBASED INSTRUCTIONS, NOT
FOR NECESSARILY FOR ATC SERVICES, UNLESS ATC SERVICES ARE REQUESTED
AND APPROVED. G. SPECIAL AWARENESS TRAINING FOR THE WASHINGTON DC
METROPOLITAN AREA IS MANDATORY FOR ALL PILOTS THAT FLY UNDER VFR
WITHIN 60 NM OF THE DCA VOR/DME (14 CFR PARTS 61 AND 91, EFFECTIVE
FEBRUARY 9, 2009). THIS TRAINING IS AVAILABLE IN THE AVIATION
LEARNING CENTER AT WWW.FAASAFETY.GOV. IT IS STRONGLY RECOMMENDED
THAT ALL PILOTS FLYING UNDER VISUAL FLIGHT RULES (VFR) WITHIN
100 NM OF THE DCA VOR/DME ALSO COMPLETE THIS TRAINING.
END PART 7 OF 7

KZDCA0455/16 (12 OCT 16)

ZDC SECURITY...SPECIAL SECURITY INSTRUCTIONS,
WASHINGTON, DC. THIS NOTAM AND COMPLEMENTARY NOTAMS REPLACE FDC
6/6468 TO PROVIDE UPDATED INSTRUCTIONS. THIS NOTAM REFERENCES THE
WASHINGTON DC SPECIAL FLIGHT RULES AREA (SFRA) ONLY. A SEPARATE
NOTAM REFERENCES THE WASHINGTON DC FLIGHT RESTRICTED ZONE (FRZ)
PROCEDURES AND OPERATIONS BY UNMANNED AIRCRAFT SYSTEMS (UAS),
INCLUDING MODEL AIRCRAFT (HOBBYIST OR RECREATIONAL USA ONLY), CIVIL
AND COMMERCIAL OPERATIONS, AND PUBLIC OPERATIONS WITHIN THE SFRA.
SPECIAL SECURITY INSTRUCTIONS FOR AIRCRAFT OPERATIONS IN THE DC SFRA
ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR)
SECTIONS 93.335, 93.337, 93.339, 93.341, 93.343, 93.345, AND 99.7,
AND 49 UNITED STATES CODE (USC) SECTION 40103(B)(3). THIS NOTAM AND
THREE RELATED NOTAMS REGARDING THE: DC FLIGHT RESTRICTED ZONE (FRZ)?
LEESBURG MANEUVERING AREA (LMA)? AND UNMANNED AIRCRAFT SYSTEM (UAS)
OPERATIONS IN THE DC SFRA CLARIFY AND SUPPLEMENT THE OPERATING
REQUIREMENTS PRESCRIBED BY THE CITED 14 CFR SECTIONS. SECTION I.
RESPONSE AND ENFORCEMENT: PURSUANT TO 49 USC 40103(B)(3), THE FAA
HAS ESTABLISHED THE DC SFRA AS 'NATIONAL DEFENSE AIRSPACE'. PERSONS
WHO DO NOT ADHERE TO THE PROCEDURES PRESCRIBED BY THE CITED 14 CFR
SECTIONS AND THIS NOTAM MAY FACE THE FOLLOWING RESPONSE AND
ENFORCEMENT ACTION OUTLINED: A. PILOTS OF AIRCRAFT THAT DO NOT
ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS
CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND
INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER
GOVERNMENT PERSONNEL. B. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO
THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN
THIS NOTAM MAY FACE FAA ADMINISTRATIVE ENFORCEMENT ACTION, INCLUDING
IMPOSING CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN
CERTIFICATES. C. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE
RULES CONCERNING OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO
CRIMINAL PENALTIES UNDER 49 USC SECTION 46307. D. THE U.S.
GOVERNMENT MAY USE DEADLY FORCE AGAINST A FLIGHT OPERATING IN THE DC
SFRA, INCLUDING THE DC FRZ, IF IT IS DETERMINED THAT THE AIRCRAFT
POSES AN IMMINENT SECURITY THREAT. SECTION II. OPERATING
REQUIREMENTS: ALL AIRCRAFT FLIGHT OPERATIONS ARE PROHIBITED WITHIN
THE DC SFRA UNLESS IN COMPLIANCE WITH 14 CFR SECTIONS 93.335,
93.337, 93.339, 93.341, 93.343, AND 93.345, AND THE FOLLOWING
SUPPLEMENTAL SPECIAL SECURITY INSTRUCTIONS REQUIRED PURSUANT TO 14
CFR SECTION 99.7 AND 49 USC SECTION 40103(B)(3): A. APPLICATION OF
DEFINITIONS IN 14 CFR SECTION 93.335: 1. A DC SFRA FLIGHT PLAN DOES
NOT FULFILL THE REQUIREMENTS FOR VISUAL FLIGHT RULES (VFR),
OPERATIONS IN THE DC FRZ. 2. A DC FRZ FLIGHT PLAN IS REQUIRED FOR
VFR OPERATIONS IN THE DC FRZ. PILOTS MAY NOT FILE A DC FRZ FLIGHT
PLAN WHILE AIRBORNE. B. ADDITIONS TO REQUIREMENTS IN 14 CFR SECTION
93.339 - DC SFRA: 1. AIRCRAFT OPERATING IN THE DC SFRA MUST BE
EQUIPPED WITH AN OPERABLE TWO WAY RADIO CAPABLE OF COMMUNICATING
WITH AIR TRAFFIC CONTROL (ATC) ON APPROPRIATE RADIO FREQUENCIES OR
UNICOM. IT IS HIGHLY RECOMMENDED THAT A PILOT CONTINUOUSLY MONITOR

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VHF FREQUENCY 121.5 OR UHF FREQUENCY 243.0 FOR EMERGENCY INSTRUCTIONS WHEN OPERATING AN AIRCRAFT IN THE DC SFRA, EITHER IN AN AIRCRAFT THAT IS SUITABLY EQUIPPED, OR BY USE OF PORTABLE EQUIPMENT.

2. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER VFR TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA/FRZ WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT WITH AIR TRAFFIC CONTROL (ATC) MUST IMMEDIATELY SQUAWK 7600 AND EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPTING: A. IF THE DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE.

3. ANY PERSON OPERATING AN AIRBORNE AIRCRAFT UNDER INSTRUMENT FLIGHT RULES (IFR) TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA/FRZ WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO MAINTAIN RADIO CONTACT WITH ATC MUST CONTINUE THE FLIGHT IN COMPLIANCE WITH THE TWO-WAY RADIO COMMUNICATIONS FAILURE PROCEDURES FOUND IN THE FAA AERONAUTICAL INFORMATION MANUAL (AIM) AND/OR APPLICABLE FEDERAL AVIATION REGULATIONS (FAR).

4. ANY PERSON OPERATING AN AIRCRAFT TO OR FROM, WITHIN, OR TRANSITING THE DC SFRA WHO BECOMES AWARE OF AN INABILITY TO COMPLY WITH THE REQUIREMENT TO CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE MUST IMMEDIATELY ADVISE ATC AND COMPLY WITH ALL INSTRUCTIONS FROM ATC. IF UNABLE TO CONTACT ATC, PILOTS MUST EXIT THE DC SFRA/FRZ BY THE MOST DIRECT LATERAL ROUTE EXCEPTING: A. IF THE DEPARTURE POINT IS WITHIN THE DC SFRA AND THE DEPARTURE POINT IS CLOSER THAN THE DC SFRA BOUNDARY, THE PILOT MAY RETURN TO THE DEPARTURE POINT BY THE MOST DIRECT ROUTE.

5. THE PROCEDURES IN SECTION II, SUBSECTION A, B, AND C DO NOT AUTHORIZE PENETRATION OF RESTRICTED AREAS OR PROHIBITED AREAS.

6. AIRCRAFT DEPARTING AIRPORTS WITHIN THE DC SFRA WITH LIMITED TWO-WAY RADIO COMMUNICATIONS MUST ESTABLISH TWO-WAY COMMUNICATIONS AS SOON AS FEASIBLE, NORMALLY WITHIN 2NM OF THE DEPARTURE POINT.

7. PATTERN WORK OPERATIONS AT UN-CONTROLLED AIRPORTS WITHIN THE DC SFRA (BUT NOT WITHIN THE DC FRZ) MUST BE CONDUCTED IN ACCORDANCE WITH 14 CFR SECTION 93.339 (C) AND THE PROCEDURES SPECIFIED IN THE MOST CURRENT POTOMAC TRACON LETTER TO AIRMEN (LTA) ON THE SUBJECT. THE LETTER CAN BE FOUND AT: [HTTP://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/](http://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/) (SEARCH LOCATION PCT).

A. ALL PILOTS WHO INTEND TO CONDUCT VFR TRAFFIC PATTERN WORK AT AN AIRPORT WITHIN THE DC SFRA (NOT WITHIN THE DC FRZ) WHICH DOES NOT HAVE AN OPERATING CONTROL TOWER OR WHEN THE CONTROL TOWER IS CLOSED MUST:

1. INCLUDE ?PATTERN? IN SFRA FLIGHT PLAN REMARKS.
2. PRIOR TO DEPARTURE, CONTACT POTOMAC TRACON VIA TELEPHONE NUMBER SPECIFIED IN LTA TO OBTAIN TRANSPONDER CODE AND ADVISE TRACON OF INTENT TO CONDUCT PATTERN WORK.
3. INFORM ATC OF INTENT TO CONDUCT PATTERN WORK PRIOR TO CHANGING TO COMMON TRAFFIC ADVISORY FREQUENCY (CTAF).

B. UPON COMPLETION OF PATTERN WORK, PILOTS MUST CONTACT POTOMAC TRACON VIA TELEPHONE NUMBER SPECIFIED IN LTA TO ADVISE PATTERN WORK IS COMPLETE.

8. OPERATIONS BY UNMANNED AIRCRAFT SYSTEMS (UAS), INCLUDING MODEL AIRCRAFT (HOBBYIST OR RECREATIONAL USE ONLY), CIVIL AND COMMERCIAL OPERATIONS, AND PUBLIC OPERATIONS, ARE ONLY AUTHORIZED WITHIN THE DC SFRA, EXCLUDING THE DC FRZ, IF IN COMPLIANCE WITH THE SEPARATE FAA NOTAM, WHICH PRESCRIBES UAS-SPECIFIC OPERATING REQUIREMENTS IN THE DC SFRA.

SECTION III. RESOURCES:

- A. THE CODE OF FEDERAL REGULATIONS CAN BE FOUND ON THE GOVERNMENT PRINTING OFFICE WEBSITE AT WWW.ECFR.GOV.
- B. ANY PILOT QUESTIONS REGARDING DC SFRA OR FRZ PROCEDURES SHOULD BE DIRECTED TO THE FAA SYSTEM OPERATIONS SECURITY REPRESENTATIVE AT THE NATIONAL CAPITAL REGION COORDINATION CENTER (NCRCC) AT 9-AWA-ATS-NCRCC@FAA.GOV OR (866) 598-9522.
- C. FOR THOSE WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE NOTIFICATION TO THE TSA AT THE NCRCC, CALL (866) 598-9520.
- D. FOR THOSE WAIVERS AND REQUIREMENTS IN THIS NOTAM THAT REQUIRE NOTIFICATION TO THE FAA AT THE NCRCC, CALL (866) 598-9522.
- E. THE LATEST POTOMAC TRACON (PCT) LETTER TO AIRMEN CAN BE FOUND AT: [HTTP://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/](http://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/) (SEARCH LOCATION PCT).
- F. INFORMATION ABOUT FAA/TSA AIRSPACE WAIVER APPLICATIONS AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT WWW.TSA.GOV/FOR-INDUSTRY/GENERAL-AVIATION OR BY CONTACTING TSA AT (571) 227-2071.
- G. SPECIAL AWARENESS TRAINING FOR THE WASHINGTON DC METROPOLITAN AREA IS MANDATORY FOR ALL PILOTS THAT FLY UNDER VFR WITHIN 60 NM OF THE DCA VOR/DME (14 CFR PARTS 61 AND 91, EFFECTIVE FEBRUARY 9, 2009). THIS TRAINING IS AVAILABLE IN THE AVIATION LEARNING CENTER AT WWW.FAASAFETY.GOV. IT IS STRONGLY RECOMMENDED THAT ALL PILOTS FLYING UNDER VISUAL FLIGHT RULES (VFR) WITHIN 100 NM OF THE DCA VOR/DME ALSO COMPLETE THIS TRAINING.
- H. INDIVIDUALS MAY SUBMIT A REQUEST FOR A FAA WAIVER AT WAIVERS.FAA.GOV. AFTER NORMAL

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BUSINESS HOURS, FOR EMERGENCY OR SHORT NOTICE REQUESTS, CONTACT TSA AT THE NCRCC AT (866) 598-9520. H. THE TRANSPONDER REQUIREMENTS DESCRIBED IN THIS NOTAM ARE ESTABLISHED SOLELY FOR SECURITY TRACKING PURPOSES AND DO NOT IMPLY THE PROVISION OF ATC RADAR SERVICES, UNLESS ATC SERVICES ARE REQUESTED AND APPROVED. I. THE COMMUNICATIONS REQUIREMENTS DESCRIBED IN THIS NOTAM ARE ESTABLISHED TO MAINTAIN THE ABILITY TO IMMEDIATELY COMMUNICATE SECURITY-BASED INSTRUCTIONS, NOT FOR NECESSARILY FOR ATC SERVICES, UNLESS ATC SERVICES ARE REQUESTED AND APPROVED.
F)SFC G)UNL

KZNY / NEW YORK

KZNYA0011/20 (09 JAN 20)

10 JAN 2020 19:30-10 JAN 2020 23:30
FORT FISCHER (QGV) RADAR WILL BE U/S. DURING THE OUTAGE THE FOLLOWING RESTRICTIONS ARE IN PLACE:
1)Y493 SOUTHWEST BOUND ONLY AND EQUIPPED WITH OPERATIONAL ADS-260B OUT.
2)Y494 IS UNAVAILABLE
ALL ADS 260-B OUT AIRCRAFT MUST FILE AN ICAO FLIGHT PLAN IAW AC 90-114 AS WELL AS AIM 5-1-9(4) AND 5-1-9(8)

KZNYA0409/19 (02 DEC 19)

ROUTE ZNY.
TK502 SPATE, NY TO DECKR, NY NA.

KZNYA0391/19 (05 NOV 19)

ROUTE ZNY.
J227 MICAH, PA TO TYMAN, PA NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. AML VDME R-009 UNUSABLE BEYOND 74 NM, AND ULW VDME R-205 UNUSABLE BEYOND 74NM.

KZNYA0390/19 (05 NOV 19)

ROUTE ZNY.
J220 MICAH, PA TO COP NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. AML VDME R-009 UNUSABLE BEYOND 74 NM.

KZNYA0225/19 (01 AUG 19)

VOLMET 10.051, 6.604, 3.485, 13.270 U/S

KZNYA0152/19 (17 MAY 19)

V252 HOPAT INT, NJ TO COATE INT, NJ MAXIMUM ALTIUDE 15000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
V252 ARMMS INT, NJ MINIMUM ALTITUDE AT ARMMS 4000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
RBV VOR R-001 RESTRICTED.

KZNYA0129/19 (13 MAY 19)

V99 LA GUARDIA (LGA) VOR/DME, NY TO OUTTE, CT MOCA 1900.

KZNYA0131/19 (13 MAY 19)

V451 LA GUARDIA (LGA) VOR/DME, NY TO NESSI, CT MOCA 1900.

KZNYA0122/19 (23 APR 19)

J121, J55 HAMPTON (HTO) VORTAC, NY R-236 TO MANTA INT, NJ NOT AUTH EXCEPT
FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-236 UNUSABLE.

KZNYA0121/19 (23 APR 19)

J174 HAMPTON (HTO) VORTAC, NY R-234 TO YAZUU, NJ NOT AUTH EXCEPT
FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-234 UNUSABLE.

KZNYA0120/19 (23 APR 19)

V139, V268, V308 HAMPTON (HTO) VORTAC, NY R-236 TO MANTA INT, NJ
NA

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EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-236 UNUSABLE.

KZNYA0088/19 (03 APR 19)

V273 FALLZ, NJ TO HUGUENOT (HUO) VOR/DME, NY MEA 3400.

*KZNYA0046/19 (12 FEB 19)

LASER RESEARCH WI AN AREA DEFINED AS 404917N 0735653W
OR THE LAGURDIA /LGA/ VORTAC 316 DEG RADIAL AT 4NM SFC-FL360 AT AN
ANGLE OF 90 DEGREES FROM THE SFC, PROJECTING UP TO FL360 AVOID
AIRBORNE HAZARD BY 5NM. THIS BEAM IS INJURIOUS TO PILOTS''/AIRCRAFTS''
AND PASSENGERS EYES. LA GUARDIA /LGA/ ATCT, TELEPHONE 781-779-7901
IS THE FAA CDN FACILITY.
F)SFC G)FL360

*KZNYA0045/19 (12 FEB 19)

ROUTE ZNY.
R56 NOT AUTHORIZED FOR FLIGHTS AT OR ABOVE FL180

KZNYA0028/19 (04 FEB 19)

V474 MODENA (MXE) VORTAC, PA MCA 10000 WESTBOUND. DELRO, PA MCA
10000 EASTBOUND.

KZNYA0002/19 (08 JAN 19)

ROUTE ZNY. V139, V268, V308 MANTA, NJ MCA 12000 SOUTHWESTBOUND.

KZNYA0512/18 (27 DEC 18)

J209 COYLE (CYN) VORTAC, NJ R-046 TO WHITE INT, NJ NA EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
CYN VORTAC R-046 UNUSABLE.

KZNYA0510/18 (27 DEC 18)

V1, V16 COYLE (CYN) VORTAC, NJ R-046 TO DIXIE INT, NJ NA EXCEPT
FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
CYN VORTAC R-046 UNUSABLE.

KZNYA0508/18 (27 DEC 18)

ROUTE
V1, V16, V229 DIXIE INT, NJ TO KENNEDY (JFK) VOR/DME, NY NA EXCEPT
FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
CYN VORTAC R-046 UNUSABLE.

KZNYA0506/18 (27 DEC 18)

V378 BELAY MCA 9500 NEB.

KZNYA0463/18 (26 NOV 18)

V31 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-178 UNUSABLE BLO 10000.

*KZNYA0461/18 (26 NOV 18)

V36 BURST, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000.

*KZNYA0459/18 (26 NOV 18)

V147 (ULW) VOR/DME R-337 TO ATTAR MEA 10000.

*KZNYA0457/18 (26 NOV 18)

V31 (ULW) VOR/DME TO BEEPS MEA 10000

KZNYA0453/18 (21 NOV 18)

V270 WOMAN TO (ULW) VOR/DME MEA 10000.

KZNYA0452/18 (21 NOV 18)

V35 (ULW) VOR/DME TO (SFK) VOR/DME ULW R-229 UNUSABLE BLO 10000.
USE SFK R-044.

KZNYA0448/18 (20 NOV 18)

V35 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-041 MEA 10000.

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KZNYA0447/18 (20 NOV 18)

V270 ELMIRA (ULW) VOR/DME, NY TO BINGHAMTON (CFB) VORTAC, NY ULW
R-096 UNUSABLE BLO 10000. USE CFB R-275.

KZNYA0446/18 (20 NOV 18)

V147 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-141 MEA 10000.

KZNYA0315/17 (02 OCT 17)

NEW YORK, NEW YORK..TEMPORARY FLIGHT RESTRICTIONS.

JANUARY 19, 2017 LOCAL. PURSUANT TO 49 USC 40103(B), THE
FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE
DEFINED IN THIS NOTAM AS ''NATIONAL DEFENSE AIRSPACE''. PILOTS WHO
DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED,
DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL.
ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST
A PILOT WHO DOES NOT COMPLY WITH THE REQUIREMENTS OR ANY SPECIAL INSTRUCTIONS OR PROCEDURES
ANNOUNCED IN THIS NOTAM:

A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL
PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN CERTIFICATES?
OR

B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES,
INCLUDING CHARGES UNDER TITLE 49 OF THE UNITED STATES CODE,
SECTION 46307? OR

C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE
AIRBORNE AIRCRAFT, IF IT IS DETERMINED THAT THE AIRCRAFT POSES AN
IMMINENT SECURITY THREAT.

PURSUANT TO TITLE 14, SECTION 91.141 OF THE CODE OF FEDERAL
REGULATIONS, AIRCRAFT FLIGHT OPERATIONS, TO INCLUDE REMOTE
CONTROLLED AIRCRAFT OPERATIONS ARE PROHIBITED:

WI AN AREA DEFINED AS 1NM RADIUS OF 404554N0735842W (LGA269005.1)
SFC-2999FT AGL

EFFECTIVE 170119Z220 UTC (1720 LOCAL 01/19/17)

UNTIL FURTHER NOTICE.

EXCEPT THE FLIGHT OPERATIONS LISTED BELOW:

1. AIRCRAFT ARRIVING OR DEPARTING KJRA, KJRB,
NK39, 6N5, AND 6N7 AIRPORTS.
2. MILITARY AIRCRAFT DIRECTLY SUPPORTING THE
UNITED STATES SECRET SERVICE (USSS).
3. LAW ENFORCEMENT, FIREFIGHTING, AND MEDEVAC/AIR
AMBULANCE FLIGHTS ON ACTIVE MISSIONS.
4. AIRCRAFT OPERATIONS NECESSITATED FOR SAFETY OR
EMERGENCY REASONS.
5. ALL AIRCRAFT APPROVED TO OPERATE WITHIN THE TFR
MUST BE SQUAWKING AN ATC DISCRETE CODE AT ALL
TIMES WHILE IN THE TFR AND MUST REMAIN IN TWO-WAY
RADIO COMMUNICATIONS WITH ATC.

F) SFC G) 2999FT AGL

*KZNYA0255/16 (12 SEP 16)

L453 IS NOT AUTH BTN AZEZU AND PAEPR. USERS WISHING TO
USE L453 MUST FILE:

NORTHBOUND: PAEPR HOB OH AZEZU

SOUTHBOUND: AZEZU HOB OH PAEPR

KZNYA0017/13 (11 JAN 13)

CHANGE IN NEW YORK CENTER OCEANIC CLEARANCE PROCEDURES
BEGINNING ON 5 FEBRUARY 2013 AT 1200Z, NEW YORK CENTER WILL MODIFY
THE PROCEDURES THAT ARE USED TO ISSUE OCEANIC CLEARANCES TO
EASTBOUND AIRCRAFT ENTERING MINIMUM NAVIGATION PERFORMANCE STANDARD
(MNPS) AIRSPACE. THESE PROCEDURES ONLY APPLY TO AIRCRAFT ENTERING
THE NEW YORK CENTER OCEANIC CTA FROM A FAA FACILITY. THE PURPOSE OF
THIS NOTAM IS TO EXPLAIN THESE CHANGES.

NORTH ATLANTIC (NAT) DOCUMENT 007, TITLED GUIDANCE CONCERNING AIR
NAVIGATION IN AND ABOVE THE NORTH ATLANTIC MNPS AIRSPACE IS A
GUIDANCE DOCUMENT PUBLISHED BY ICAO TO ASSIST USERS IN THE PROPER
PROCEDURES TO BE USED WHEN OPERATING IN THE NAT. CHAPTER 5 OF
DOCUMENT 007, TITLED OCEANIC ATC CLEARANCES, IS THE CHAPTER TO WHICH
THESE CHANGES PERTAIN.

THERE ARE THREE COMPONENTS TO AN OCEANIC CLEARANCE. THEY ARE ROUTE,
ALTITUDE AND SPEED. IT IS THE DELIVERY METHOD OF THESE THREE
COMPONENTS WHICH IS CHANGING. BEGINNING ON 5 FEBRUARY 2013, THE FAA

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WILL CONSIDER THE AIRPORT CLEARANCE WHICH AN AIRCRAFT RECEIVES ON THE GROUND AT ITS DEPARTURE AERODROME TO BE THE ROUTE PORTION OF THE OCEANIC CLEARANCE. ALTITUDE AND SPEED ASSIGNMENT WILL OCCUR PRIOR TO ENTRY INTO THE NEW YORK CENTER OCEANIC CTA. AS IS THE CURRENT OPERATING PROCEDURE, UNSOLICITED EN-ROUTE ROUTE, ALTITUDE OR SPEED CHANGES MAY OCCUR DUE TO CHANGING TRAFFIC SITUATIONS. AT ALL TIMES, THE LAST ASSIGNED ROUTE, ALTITUDE AND SPEED ARE TO BE MAINTAINED AND SHOULD BE CONSIDERED YOUR NEW OCEANIC PROFILE. HAVING RECEIVED ALL THREE COMPONENTS, THE REQUIREMENT TO RECEIVE AN OCEANIC CLEARANCE WILL HAVE BEEN MET.

FOR EXAMPLE:

AN AIRCRAFT HAS FILED AN FPL FROM MDSD TO EDDF. THIS WOULD TAKE THE FLIGHT FROM THE SANTO DOMINGO FIR, THROUGH THE MIAMI FIR AND THEN THE NEW YORK FIR BEFORE ENTERING SANTA MARIA. THE AIRPORT CLEARANCE PROVIDED ON THE GROUND AT MDSD WOULD FULFILL THE ROUTE REQUIREMENT OF THE OCEANIC CLEARANCE. ONCE AIRBORNE AND IN THE MIAMI FIR, FINAL SPEED AND ALTITUDE ASSIGNMENT WILL BE GIVEN AFTER THE FLIGHT IS COORDINATED BETWEEN MIAMI AND NEW YORK.

IF A ROUTE, SPEED OR ALTITUDE CHANGE EN-ROUTE IS DESIRED, THEN AIRCRAFT SHOULD MAKE A REQUEST FROM THE ATC UNIT IN WHICH THEY ARE OPERATING. AT ALL TIMES, THE LAST ASSIGNED ROUTE, ALTITUDE AND SPEED ARE TO BE MAINTAINED.

TRACK MESSAGE IDENTIFICATION NUMBER (TMI) CONFIRMATION FOR AIRCRAFT FILING AN ABBREVIATED CLEARANCE IN LIEU OF THE TRACK COORDINATES WILL BE ACCOMPLISHED PRIOR TO REACHING THE TRACK ENTRY POINT.

USERS ARE REMINDED OF THE REQUIREMENT TO FILE AN FPL AND ANY SUBSEQUENT CHANGES WITH NEW YORK OCEANIC AT KZWYZOZX, ALONG WITH ANY OTHER ATC FACILITIES THAT MAY REQUIRE SUCH FILING.

F)FL055 G)UNL

ENRTNO 0001

KZNYA0844/10 (18 OCT 12)

UNTIL FURTHER NOTICE ATS ROUTE M201 IS NOT AVAILABLE FOR USE AT FL300 AND BELOW BETWEEN THE WAYPOINTS PAEPR AND HANRI. ATS ROUTE L453 IS NOT AVAILABLE FOR USE AT FL300 AND BELOW BETWEEN THE WAYPOINTS AZEZU AND PAEPR.

ENRTNO 0926-0927

KZNYA0258/10 (21 OCT 11)

THIS NOTAM REVISES NOTAM A0379/09. NO PROCEDURAL CHANGES HAVE BEEN MADE. IT HAS BEEN EDITED FOR BREVITY. WESTBOUND OCEANIC FLIGHT CLEARANCE PROCEDURES. DUE TO REGIONAL AIR TRAFFIC CONTROL AUTOMATION SYSTEM COMPATIBLY PROBLEMS THE FOLLOWING MODIFICATION WERE MADE TO WESTBOUND OCEANIC FLIGHT CLEARANCE AND RECLEARANCE PROCEDURES IN THE NORTH ATLANTIC REGION ON MAY 11, 2009. THESE PROCEDURES ARE ONLY APPLIED WITHIN THE SHANWICK, GANDER, AND NEW YORK AREA CONTROL CENTERS AND CONTINUE IN FORCE AS FOLLOWS: AIRCRAFT THAT WILL PROCEED SOUTH OF LATITUDE 39 NORTH AND WEST OF LONGITUDE 67 WEST WILL BE CLEARED TO THE FIRST NAMED FIX IN THE NEW YORK OCA THAT IS SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN, FOLLOWED BY THE PHRASEOLOGY - VIA FLIGHT PLANNED ROUTE TO DESTINATION.

AIRCRAFT THAT WILL PROCEED SOUTH OF LATITUDE 20 NORTH AND EAST OF LONGITUDE 60 WEST WILL BE CLEARED TO THE LAST SET OF COORDINATES SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN PRIOR TO LATITUDE 20 NORTH FOLLOWED BY THE PHRASEOLOGY - VIA FLIGHT PLANNED ROUTE TO DESTINATION.

AIRCRAFT THAT HAVE BEEN TAKEN OFF THEIR FLIGHT PLANNED ROUTE WILL BE RECLEARED TO A FIX SPECIFIED IN THE AIRCRAFT'S FILED FLIGHT PLAN FOLLOWED BY THE PHRASEOLOGY VIA FLIGHT PLANNED ROUTE TO DESTINATION. IT IS IMPERATIVE THAT OPERATORS FILE FLIGHT PLANS (FPL) AND FLIGHT PLAN CHANGE (CHG) MESSAGES THROUGH THE NEW YORK OCEANIC CTA/FIR USE THE ADDRESS KZWYZOZX. IT MUST BE NOTED THAT THE NEW YORK OCEANIC ADDRESS IS SEPARATE FROM THE NEW YORK DOMESTIC ADDRESS (KZNYZRZX). OPERATORS MAY FORWARD QUESTIONS TO:

SHANWICK ACC, FINLAY SMITH, (FINLAY.SMITH AT NATS.CO.UK),
00-44-1292-692663

GANDER ACC, ROBERT FLEMING, (FLEMINGR AT NAVCANADA.CA),
(001)-709-651-5233

NEW YORK ACC, PETER EHRLEIN, (PETER.C.EHRLEIN AT FAA.GOV),
(001)-631-468-1021

ENRTNO 0901

KZNYA0580/11 (28 SEP 11)

WHENEVER AN EASTBOUND NORTH ATLANTIC TRACK IS PUBLISHED THAT ORIGINATES AT JAROM OR TALGO, AIRCRAFT TRANSITIONING THE NEW YORK OCEANIC CTA AND PLANNING TO JOIN THE JAROM/TALGO TRACK MUST FILE A

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ROUTE FROM A POINT 42N OR SOUTH DIRECT TO 44N050W.
FOR EXAMPLE, NORTH ATLANTIC TRACK (NAT) X-RAY IS PUBLISHED VIA JAROM
TALGO 44N050W 46N040W 48N030W 50N020W SOMAX ATSUR. THE FOLLOWING
ROUTES WOULD BE FILED TO JOIN NATX:
1. AN AIRCRAFT WISHES TO JOIN NATX FROM M201. THE CORRECT ROUTE TO
FILE IN THE NEW YORK CTA IS M201 DRYED 41N060W 44N050W NATX.
2. AN AIRCRAFT WISHES TO JOIN NATX FROM M202. THE CORRECT ROUTE TO
FILE IN THE NEW YORK CTA IS M202 MUNY 41N060W 44N050W NATX.
3. AN AIRCRAFT WISHES TO JOIN NATX FROM M203. THE CORRECT ROUTE TO
FILE IN THE NEW YORK CTA IS M203 SELIM 40N060W 44N050W NATX.

KZBW / BOSTON

KZBWA2276/19 (09 DEC 19)

NOTICE OF TRIAL TO REMOVE FLIGHT PLANNING REQUIREMENTS OF
EASTBOUND
NORTH AMERICAN ROUTE (NAR) SYSTEM:
ALL FLIGHTS OPERATED BY AIR CANADA DEPARTING FROM CYYZ AND CYUL,
OPERATING WITHIN THE NORTH ATLANTIC ORGANIZED TRACK STRUCTURE, ARE
NOT REQUIRED TO FILE THE ASSOCIATED NAR LISTED ON THE DAILY ZBW
NORTH ATLANTIC ADVISORY. ASSOCIATED NAR ARE REFERENCED UNDER THE JFK
DEPARTURES SECTION OF THE ADVISORY.
DEPARTURES MUST STILL COMPLY WITH ANY DEPARTURE ROUTES, STRUCTURES,
AND/OR RESTRICTIONS FROM THE DEPARTURE AIRPORT. OPTIMIZED ROUTINGS
CAN ONLY BEGIN FROM POINTS WITHIN ZBW AIRSPACE, THE MONCTON FIR, OR
BOTH. ONCE INSIDE ZBW AIRSPACE/MONCTON FIR, RANDOM ROUTINGS TO THE
OEP ARE PERMITTED. FLIGHT PATHS OF AIRCRAFT PARTICIPATING IN THE
TRIAL MUST REMAIN AT OR NORTH A VITOL-LOMPI LINE. PLEASE REFER TO
DAILY ZBW NORTH ATLANTIC ADVISORY FOR SPECIFIC INFORMATION AND
STATUS OF THIS TRIAL.
THIS TRIAL MAY BE DISCONTINUED AT ANY TIME, BASED ON OPERATIONAL
IMPACT.
ZBW ROUTE
DISPATCHERS SHALL INCLUDE NO NARS EAST TRIAL IN THE REMARKS SECTION
OF FLIGHT PLANS FOR PARTICIPATING AIRCRAFT.
FLIGHT CREWS ARE EXPECTED TO CARRY APPLICABLE NAR DOCUMENTATION ON
THE FLIGHT DECK FOR ALL FLIGHTS, REGARDLESS IF PARTICIPATING IN THE
TRIAL OR NOT.
FOR QUESTIONS CALL ZBW TRAFFIC MANAGEMENT (603)879-6666

KZBWA0743/19 (23 APR 19)

J55 TRAIT INT, RI TO HAMPTON (HTO) VORTAC, NY R-052 NA EXCEPT FOR
ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-052 UNUSABLE.

KZBWA0745/19 (23 APR 19)

J225 BAWLL INT, CT TO RAALE INT, CT DME REQUIRED EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-318 UNUSABLE AND HTO R-330 UNUSABLE.

KZBWA0744/19 (23 APR 19)

J121 COP TO HAMPTON (HTO) VORTAC, NY R-079 NOT AUTH EXCEPT FOR
ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-079 UNUSABLE.

KZBWA0742/19 (23 APR 19)

J121, J55 HAMPTON (HTO) VORTAC, NY R-236 TO MANTA INT, NJ NOT AUTH
EXCEPT
FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-236 UNUSABLE.

KZBWA0741/19 (23 APR 19)

J174 HAMPTON (HTO) VORTAC, NY R-234 TO YAZUU, NJ NOT AUTH EXCEPT
FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-234 UNUSABLE.

KZBWA0739/19 (23 APR 19)

V139 COP TO HAMPTON (HTO) VORTAC, NY R-052 NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

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HTO VOR R-052 UNUSABLE.

KZBWA0740/19 (23 APR 19)

V268 COP TO HAMPTON (HTO) VORTAC, NY R-079 NOT AUTH EXCEPT FOR
ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-079 UNUSABLE.

KZBWA0736/19 (23 APR 19)

V16, V374 YODER INT, CT DME REQUIRED EXCEPT FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-010 UNUSABLE.

KZBWA0738/19 (23 APR 19)

V308 COP TO HAMPTON (HTO) VORTAC, NY R-039 NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-039 UNUSABLE.

KZBWA0737/19 (23 APR 19)

V58 THUMB INT, CT NOT AUTH EXCEPT FOR ACFT EQUIPPED WITH SUITABLE
RNAV
SYSTEM WITH GPS.
HTO VOR R-010 UNUSABLE.

KZBWA0735/19 (23 APR 19)

V46 HAMPTON (HTO) VORTAC, NY R-285 TO COP NA EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-285 UNUSABLE.

KZBWA0734/19 (23 APR 19)

V139, V268, V308 HAMPTON (HTO) VORTAC, NY R-236 TO MANTA INT, NJ
NOT AUTH
EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
HTO VOR R-236 UNUSABLE.

KZBWA0509/19 (20 MAR 19)

V489 WEARD TO ALB VORTAC NOT AUTH EXC FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

KZBWA2341/18 (18 DEC 18)

V419 CARMEL (CMK) VOR/DME, NY TO BRISS, CT NOT AUTH.

KZBWA2313/18 (13 DEC 18)

V487 SOARS, CT TO BOWAN, NY NOT AUTH EXC FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS.

KZBWA2298/18 (11 DEC 18)

V475 ORW VOR/DME, R-082 TO PVD VOR/DME,
R-263 MOCA 2100.

KZBWA2226/18 (29 NOV 18)

ROUTE ZBW.
V39 SOARS, CT TO STUBY, CT NA.

KZBWA2227/18 (29 NOV 18)

V91 SOARS, CT TO BOWAN, NY NA.

*KZBWA2221/18 (29 NOV 18)

V374 CARMEL (CMK) VOR/DME, NY TO CREAM, NY NA.

KZBWA2191/18 (26 NOV 18)

ROUTE ZBW.
V3 LABRE, TO PRESQUE ISLE (PQI) VOR/DME, ME MEA 8000.

*KZBWA2162/18 (21 NOV 18)

V188 CARMEL (CMK) VOR/DME, NY TO SEALL, CT NOT AUTH.

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*KZBWA2154/18 (20 NOV 18)

V3 (CMK) VOR/DME TO RACEY NOT AUTH. COP MOVED TO RACEY

*KZBWA2152/18 (20 NOV 18)

V39 (CMK) VOR/DME TO SOARS NOT AUTH.

N I L

/ ANTILLES (FR)

N I L

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N I L

FORECAST WINDS AND TEMP SUMMARY

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OBSERVATION - 10/01/20 12.00Z

DESCENT WINDS

FL390	274/084
FL340	272/069
FL300	268/060
FL240	262/052

ENROUTE WINDS

WAYPT	SECTOR W/V AND TEMP				
	240	300	340	390	450
KMSY					
TOC	224/58P09	234/68P05	236/74P03	246/76M03	232/84M08
CATLN	224/58P09	234/68P05	236/74P03	246/76M03	232/84M08
TOC	230/54P09	242/66P05	244/72P03	250/74M03	242/83M08
TWOUF	238/46P09	240/66P04	248/78P02	254/84M03	244/91M08
SPA	240/42P08	248/69P04	260/86P01	256/87M04	250/91M07
TOC	246/39P08	252/67P03	262/83P01	256/88M04	250/92M06
NYBLK	246/39P08	252/67P03	262/83P01	256/88M04	250/92M06
MASHI	248/47P07	252/70P02	260/85P01	256/95M05	254/95M05
KIDDO	252/46P07	256/69P02	262/82P01	258/96M05	256/92M04
OMENS	252/45P07	256/69P02	262/82P01	258/95M05	256/92M04
BEARI	258/54P07	256/64P01	264/80M01	262/98M05	260/92M05
FAK	262/55P07	260/64P01	266/79P00	264/96M04	262/92M05
SHONA	262/55P07	260/64P01	266/79P00	264/96M04	262/92M05
OTT	254/63P06	262/70P00	268/77M02	266/97M04	266/87M03
TOD	260/58P06	268/67P00	272/76M02	268/98M04	264/85M04
PALEO	260/58P06	268/67P00	272/76M02	268/98M04	264/85M04
PEEDS	260/58P06	268/67P00	272/76M02	268/98M04	264/85M04
FUBRR	260/58P06	268/67P00	272/76M02	268/98M04	264/85M04
TOD	256/51P05	262/77P00	266/76M03	270/89M06	270/83M04
DQO	256/51P05	262/77P00	266/76M03	270/89M06	270/83M04
TOD	258/51P05	270/76P00	272/79M03	276/85M05	272/79M04
STEFE	258/51P05	270/76P00	272/79M03	276/85M05	272/79M04
SOMTO	258/51P05	270/76P00	272/79M03	276/85M05	272/79M04
ARD	258/51P05	270/76P00	272/79M03	276/85M05	272/79M04
DYLIN	258/51P05	270/76P00	272/79M03	276/85M05	272/79M04
MERSR	258/51P05	270/76P00	272/79M03	276/85M05	272/79M04
METRO	258/51P05	270/76P00	272/79M03	276/85M05	272/79M04
MARRT	258/51P05	270/76P00	272/79M03	276/85M05	272/79M04
TOD	258/51P04	264/62M01	268/73M03	274/89M06	266/85M06
PHLBO	258/51P04	264/62M01	268/73M03	274/89M06	266/85M06
PATRN	262/52P04	268/60M01	272/69M03	274/84M06	270/85M05
TEB	262/52P04	268/60M01	272/69M03	274/84M06	270/85M05
GIMEE	262/52P04	268/60M01	272/69M03	274/84M06	270/85M05
BUZZD	262/52P04	268/60M01	272/69M03	274/84M06	270/85M05

WAYPT	240	SECTOR W/V AND TEMP			
		300	340	390	450
KEWR	262/52P04	268/60M01	272/69M03	274/84M06	270/85M05

UAL1754		OPERATIONAL FLIGHTPLAN PG 1/5 PRTD 10JAN20 1734.55			
UAL1754-10	10JAN20	KMSY/MSY	OUT	2140Z/1540L	OFF 2151Z/1551L
N1902U/4902	A320	KEWR/EWR	ON	0022Z/1922L	IN 0032Z/1932L
WIND	101800	110600	02:20/00:11E	VRNT 1	RTG 101 RLSE 01
RLSD IFR TO KEWR/EWR					

MEL ITEM INFO					
1207 - AIRCRAFT ROUTING RESTRICTIONS - A320					
3023 - NO AUTOLAND ANC AND FAI (320)					
9790 - BROADBAND ANTENNA INSTALLED - A320					
DISPATCHER REMARKS					
KEWR GROUND DELAY PROGRAM IN EFFECT, CHK LATEST WHEELS UP TIME					
KEWR DEMAND 36 CAPACITY 36, INCRSD CF GUSTY WINDS. C/I 80					
SYSTEM INFO					
VIA PREF-CATLN Q22 BEARI FAK					
COLDEST ENRT TAT M34C BEARI (N3712.0 W07815.4) 1:32/757NM					
IA:KMSY-KIAD-KEWR					
FLIGHT IS NOT ENROUTE TERRAIN LIMITED					
ACF90=23/ACF99=34 SAMPLE=214 AVGBDE=14 STDEV=08					
ROUTING					
DIST	1085	WC	T58	IDLE/PERF	0/+3.2 FECO -37 USD/1K
CI	80	USER	F310	CATLN/F350	SPA/F370 FUBRR/F270 DQO/F210 SOMTO
F110					
FMS INIT LOAD			TOW PARAMETERS		
KMSY/KEWR			R20 T23 A3006 W130/10 HW04 XW09		
ARPT REF POINT N2959.6 W09015.5			F3 WET AI/ANTI-ICE OFF		
F310/M42 (P04) TROP F425			AC/BLEEDS ON L7001		
TOC KMSY+126NM			LW PARAMETERS		
ZFW	129000 / 132154L		R22L T10 A3047 W210/07 HW07		
TOW	152447 / 155602L		XW00 FULL DRY AI/E AC/ON ENRT		
LW	139046 / 142200S		ICE ACCR L8207		
NO REDISPATCH POINT					
INTENDED DEST					
KEWR/EWR	02:20	13402			
FAR	00:45	3968			
00 PCT	00:00	0			
KSWF/SWF	00:18	1603			
N/A	00:00	0			
ADD	00:00	0			
CF	00:20	1720			
UNSL	00:00	0			
MIN T/O	03:43	20693			
EXTRA	00:09	774			ATC CONSTRAINTS
CAPT	00:00	0			CAPT
ACF90	00:23	1982			
PLAN T/O	04:15	23448			DOM
TAXI	00:20	500			MIN
PLAN GATE	04:35	23949			SIGNED
REMF	01:56	10046			
CI 120	-00:00	106	LCL APT		DIST TIME FUEL
CI 0	00:06	-209	KJFK	19	00:10 710
PER 1K		88	KABE	59	00:18 1512

UAL1754		OPERATIONAL FLIGHTPLAN PG 2/5 PRTD 10JAN20 1734.55											
UAL1754-10		10JAN20		N1902U/4902		A320		VRNT 1		RTG 101		RLSE 01	
DEP INFO													
CLEARANCE													
OFP													
(FPL-UAL1754-IS													
-A320/M-SDE3GHIRWY/LB1													
-KMSY2140													
-N0451F350 DCT CATLN Q22 SPA/N0445F370 Q22 BEARI DCT FAK													
PHLBO3													
-KEWR0220 KSWF													
-PBN/A1L1B1C1D1O1S2 SUR/260B DOF/200110 REG/N1902U													
EET/KZTL0026 KZDC0120 KZNY0157 SEL/JQAG CODE/A16ADC OPR/UAL													
PER/C)													
TKOF ALTN		DIST		TIME		FUEL							
				00:00		0							
ARWY	POSITION		MC	DIST		TIME	MOR	FL	MACH	GS/TAS	ZBO		
COORDINATES			MH		EST	ET	ATA	TROP	SAT	WIND	FUEL		
NAME			TC/TH										
FMS POSN VERIFIED													
	KMSY 4 FT		---	0		0	---	---	M767	477/419	500		
N2959.6 W09015.5		---	1085	0:00		F417	M45	244/069	23448				
NEW ORLEANS/ARMS		---/---											
R20	(T/C)		061	126		20	032	F310	---	---/---	3616		
N3102.2 W08808.8		062	959	0:20		F425	M42	234/069	19833				
		060/061											
RVSM ALTIMETER CHECK													
R20	CATLN		062	49		5	029	F310	M780	530/462	549		
N3118.4 W08734.8		062	910	0:25		F425	M42	234/069	19284				
CATLN		061/061											
ENTERING FIR: KZTL ATLANTA (UNITED STATES)													
Q22	(T/C)		053	34		4	036	F350	---	---/---	509		
N3141.0 W08703.4		053	876	0:29		F433	M53	244/072	18775				
		050/050											
Q22	TWOUP		053	212		24	036	F350	M781	526/451	2189		
N3353.8 W08349.1		050	664	0:53		F433	M53	248/079	16585				
TWOUP		050/047											
Q22	SPA T115.70		059	116		13	074	F350	M781	527/450	1182		
N3502.0 W08155.6		055	548	1:06		F424	M54	258/086	15404				
SPARTANBURG		054/050											

UAL1754 OPERATIONAL FLIGHTPLAN PG 3/5 PRTD 10JAN20 1734.55											
UAL1754-10		10JAN20		N1902U/4902		A320		VRNT 1		RTG 101	RLSE 01
ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO	
COORDINATES NAME		MH			ET	ATA	TROP	SAT	WIND	FUEL	
		TC/TH									
Q22	(T/C)	055	24		3	057	F370	---	---/---	315	
N3516.5 W08132.2		050	524		1:09		F422	M59	258/086	15088	
		053/048									
Q22	NYBLK	055	30		4	057	F370	M779	520/445	306	
N3534.6 W08102.6 NYBLK		050	494		1:13		F422	M59	258/086	14782	
		053/048									
Q22	MASHI	061	40		4	057	F370	M779	526/445	403	
N3558.3 W08023.1 MASHI		057	454		1:17		F403	M59	256/091	14379	
		053/049									
Q22	KIDDO	062	21		3	053	F370	M779	526/445	212	
N3610.6 W08002.4 KIDDO		057	433		1:20		F403	M59	258/090	14167	
		054/049									
ENTERING FIR: KZDC WASHINGTON (UNITED STATES)											
Q22	OMENS	063	66		7	053	F370	M779	525/445	661	
N3649.5 W07855.5 OMENS		058	367		1:27		F403	M59	258/089	13506	
		054/049									
Q22	BEARI	064	39		5	053	F370	M779	521/444	390	
N3712.0 W07815.4 BEARI		059	328		1:32		F407	M60	262/090	13115	
		055/050									
DCT	FAK T113.30	056	28		3	053	F370	M779	511/445	287	
N3731.7 W07749.7 FLAT ROCK		049	300		1:35		F405	M59	264/089	12829	
		046/039									
R22L	SHONA	042	21		3	027	F370	M779	499/445	220	
N3748.0 W07735.0 SHONA		033	279		1:38		F405	M59	264/089	12608	
		036/027									
R22L	OTT T113.70	036	68		8	032	F370	M779	495/444	712	
N3842.4 W07644.7 NOTTINGHAM		027	211		1:46		F403	M60	266/089	11896	
		036/027									
R22L	(T/D)	042	16		2	027	F370	M779	500/444	168	
N3854.3 W07631.0		036	195		1:48		F400	M60	268/089	11729	
		042/036									
R22L	PALEO	042	10		1	027	DSC	---	---/---	24	
N3901.7 W07622.4 PALEO		036	185		1:49		F400	---	---/---	11704	
		042/036									
R22L	PEEDS	042	10		1	027	DSC	---	---/---	26	
N3908.5 W07614.4 PEEDS		037	175		1:50		F401	---	---/---	11678	
		042/037									

UAL1754 OPERATIONAL FLIGHTPLAN PG 4/5 PRTD 10JAN20 1734.55										
UAL1754-10		10JAN20		N1902U/4902		A320		VRNT 1 RTG 101		RLSE 01
ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO
COORDINATES NAME		MH			ET	ATA	TROP	SAT	WIND	FUEL
		TC/TH								
R22L	FUBRR	042	11		1	027	F270	---	---/---	26
N3916.0 W07605.7 FUBRR		037	164		1:51		F401	M35	264/062	11651
		042/037								
R22L	(T/D)	042	14		2	022	F270	M777	516/466	181
N3926.4 W07553.5		039	150		1:53		F401	M36	258/064	11471
		042/039								
R22L	DQO T114.00	043	20		3	022	F210	---	---/---	49
N3940.7 W07536.4 DUPONT (WILMINGT		039	130		1:56		F401	M23	254/045	11422
		043/039								
R22L	(T/D)	043	6		1	022	F210	M702	470/433	86
N3945.1 W07531.1		043	124		1:57		F401	M23	258/047	11336
		043/043								
ENTERING FIR: KZNY NEW YORK (UNITED STATES)										
R22L	STEFE	043	18		2	022	DSC	---	---/---	55
N3957.9 W07515.6 STEFE		040	106		1:59		F401	---	---/---	11281
		043/040								
R22L	SOMTO	043	14		2	034	F110	---	---/---	46
N4007.6 W07503.8 SOMTO		040	92		2:01		F401	M03	246/046	11235
		043/040								
R22L	ARD D108.20	043	11		2	034	F110	M606	430/388	190
N4015.2 W07454.5 YARDLEY		041	81		2:03		F401	M03	246/046	11045
		043/041								
R22L	DYLIN	048	3		0	029	F110	M606	431/388	51
N4017.2 W07451.6 DYLIN		046	78		2:03		F401	M03	246/046	10994
		048/046								
R22L	MERSR	046	3		1	029	F110	M606	430/388	51
N4018.6 W07449.7 MERSR		044	75		2:04		F401	M03	246/046	10944
		046/044								
R22L	METRO	047	10		1	029	F110	M606	430/388	172
N4025.4 W07440.2 METRO		045	65		2:05		F401	M03	246/046	10772
		047/045								
R22L	MARRT	012	12		2	029	F110	M606	413/388	216
N4036.4 W07437.2 MARRT		006	53		2:07		F401	M03	246/046	10556
		012/006								
R22L	(T/D)	011	5		1	029	F110	M605	405/387	93
N4041.3 W07435.9		003	48		2:08		F401	M04	254/042	10463
		011/003								

