

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

November 13, 2020

Attachment 3 – Accident Flight Release

OPERATIONAL FACTORS

DCA20LA013

F ight Detai s

F ight: 4 25
Date: / /20 9
A/C Type: E 45
A/C Nose: 6 9
Departure: GSO
Arriva : ORD
Dispatcher: [REDACTED]
Dispatcher Phone: [REDACTED]
Load P anner:
Load P anner Phone:

Crew nformation

Emp D	Pos	Base	Sequence	Name
[REDACTED]	CA	ORD	09597/08NOV	
[REDACTED]	FO	ORD	09597/08NOV	
[REDACTED]	0	ORD	09597/08NOV	

No Crew Hote nformation Avai ab e

Driftdown Ana ysis

No Driftdown Ana ysis Avai ab e

F4 nformation

Message D: MQF-4 984
StartDate: 20 9-0 -02
EndDate: 20 9- 2-3
SUBJECT- TAKEOFF FLAP SETT NG

REFERENCE- T S EXTREMELY MPORTANT THAT THE FLAP SETT NG
ON THE TPS MATCHES THE FLAP SELECT ON YOU USE FOR TAKEOFF.

F THE FLAPS ARE NOT SET TO THE PLANNED POS T ON FOR TAKEOFF
YOU LOSE THE GUARANTEE OF ADEQUATE STOPP NG D STANCE FOR AN
ABORTED TAKEOFF AT V AND REQU RED OBSTACLE CLEARANCE SHOULD
AN ENG NE FA L AT V .

CAPT. [REDACTED] /D RECTOR FL GHT OPS - TECH\$
\$

J8 Messages

Message D: MQJ-8 8867
Start Date: 20 9-05- 6
End Date: 20 9- 2-3
SUBJECT- CERT F CATE OF NSURANCE

REFERENCE- THE CERT F CATE OF NSURANCE DOMEST C AND MEX CO
S ACCEPTABLE N THE ELECTRON C FORMAT. F THE PAPER
CERT F CATE OF NSURANCE N THE AML S OUT OF DATE, THE A RCRAFT
MAY CONT NUE W THOUT RESTR CT ON US NG THE ELECTRON C DOCUMENT.
TH S DOCUMENT S LOCATED N THE REGULATORY DOCUMENTS FOLDER
OF MYMOB LE365. FL GHT MANUAL - PART W LL BE REV SED N

AN UPCOM NG REV S ON.

CAPT [REDACTED] / V CE PRES DENT FL GHT OPERAT ONS\$

Message D: MQJ-8 838

Start Date: 20 9-04-02

End Date: 20 9- 2-3

SUBJECT- HEAVY CONTROL COLUMN FEEL A/C 600-628

REFERENCE- PER AOM VOL SYSTEMS - MOD F CAT ON STATUS, SOME ENVOY A RCRAFT)Ê600-628)) HAVE SMALLER BELL CRANKS NSTALLED FOR THE ELEVATOR, THEREFORE YOU W LL HAVE HEAV ER THAN NORMAL CONTROL FORCES DUR NG ROTAT ON. L GHT CONTROL COLUMN FORCES SHOULD FEEL NORMAL DUR NG GROUND CHECKS AND ALL OTHER PHASES OF FL GHT. CAPT [REDACTED], E 40/ 45 FLEET CAPTA N.\$

Message D: MQJ-8 3 3

Start Date: 20 9- -

End Date: 20 9- - 2

SUBJECT- OSO HAS BEEN DECLARED N ORD

REFERENCE- OSO HAS BEEN DECLARED N ORD\$/

Airport Ana ysis

EFFECT VE DATE/T ME - JUN 8/085 CENTRAL

*
* ERJ 45 ALT T/O *
*
* GSO - FLAPS 09 - ELEVAT ON 926 FT *
*

CL MB	DEG C	05L	*05R	4	23L	*23LT	23R	32
49030	40	49080	43780	40280	XX	39230	479 0	4 260
49540	38	495 0	44 20	40580	XX	39530	48280	4 580
49600	36	49580	44240	407 0	XX	39640	484 0	4 690
496 0	34	49630	44350	40830	XX	39750	48530	4 790
49630	32	49670	44470	40960	XX	39860	48650	4 900
49640	30	49720	44590	4 090	XX	39970	48770	420 0
49660	28	49770	447 0	4 220	XX	40080	48890	42 20
49670	26	498 0	44830	4 320	XX	40 80	49020	42230
49700	22	49900	45070	4 520	XX	40380	49280	42450
49720	8	49980	45300	4 730	XX	40580	49550	42660
49720	4	50040	45530	4 940	XX	40780	498 0	42880
497 0	0	50 0	45780	42 60	XX	40980	50080	43 0
497 0	6	50 80	46030	42390	XX	4 90	50350	43340
49730	2	50260	46290	42620	XX	4 4 0	50540	43580
49770	-2	50360	46560	42860	XX	4 640	507 0	43820
49780	-6	50430	468 0	43090	XX	4 860	507 0	44060
49790	- 0	50500	47070	43320	XX	42080	507 0	44300

QNH CORRECT ON - LB/. NCH HG FROM 2992
0 ABOVE 0 0 0 0 0 0 0
- 9 BELOW - 90 - 52 - 7 - 7 - 23 - 7 - 7

HDW ND LB/KT 0 89 85 0 82 0 84
TLW ND LB/KT - 92 -283 -3 0 0 -295 -269 -270
ACCL ALT MSL 730 730 730 730 730 730 730

LENGTH FT 9000 700 5800 000 6000 9000 6380
SLOPE PCT -.7 -. -.3 .2 .2 .7 .5

////////////////////////////////////
// //
// A RPORT NOTES //
// //
////////////////////////////////////

* RWY 23L T/O LENGTHS ARE SHORTER *
* THAN THE LENGTHS SHOWN ON THE JEPP *
* ARPT D AGRAM DUE TO SAFETY AREA AT *
* DEPARTURE END OF RWY. THE FULL *
* LENGTH S AVBL FOR TAKEOFF OR ABORT*
* BUT TAKEOFF CALCULAT ONS ARE BASED *
* ON THE SHORTER LENGTH. *

* TAA REMARKS *

GSO TAA 8-077 SSUED 22APR 8
RWY 05R/23L NE 3000 CLOSED
RWY 05R 700 FEET AVBL FOR TAKEOFF
23L 6000 FEET AVBL FOR TAKEOFF
FROM TXWY K3.
USE 23RT

CHECK GSO NOTAMS FOR VAL D TY
FOR CHANGES TO TH S TAA - CTC OE ASAP
[REDACTED] CS [REDACTED]
SEE RF 800 ENG FOR ENG NEER ON DUTY

* *
* ERJ 45 T/O *
* *
* GSO - FLAPS 09 - ELEVAT ON 926 FT *
* *

CL MB	DEG C	05L	*05R	4	23L	*23LT	23R	32
49030	40	49390	44990	4 320	XX	40240	49340	42350
49540	38	49860	45460	4 740	XX	40660	49880	42800
49600	36	49930	45580	4 850	XX	40760	500 0	429 0
496 0	34	49970	45700	4 970	XX	40840	50 40	430 0
49630	32	500 0	45820	42090	XX	40940	50270	43 20
49640	30	50060	45940	422 0	XX	4 050	50400	43230
49660	28	50 0	46070	42340	XX	4 60	50540	43350
49670	26	50 50	46 90	42450	XX	4 260	50580	43460
49700	22	50230	46440	42670	XX	4 470	50660	43690
49720	8	50300	46690	42890	XX	4 680	507 0	43920
49720	4	50360	46930	43 0	XX	4 880	507 0	44 40
497 0	0	50420	47 70	43340	XX	42 00	507 0	44380
497 0	6	50480	47420	43570	XX	42320	507 0	44620
49730	2	50560	47680	438 0	XX	42550	507 0	44790
49770	-2	50650	47940	44050	XX	42780	507 0	44940
49780	-6	50680	48200	44280	XX	430 0	507 0	45060
49790	- 0	507 0	48460	44520	XX	43240	507 0	45 80

QNH CORRECT ON - LB/. NCH HG FROM 2992
 0 ABOVE 0 0 0 0 0 0 0
 - 9 BELOW - 90 - 52 - 7 - 7 - 23 - 7 - 7

HDW ND LB/KT 0 89 85 0 82 0 84
 TLW ND LB/KT - 92 -283 -3 0 0 -295 -269 -270
 ACCL ALT MSL 730 730 730 730 730 730 730
 LENGTH FT 9000 700 5800 000 6000 9000 6380
 SLOPE PCT -.7 -. -.3 .2 .2 .7 .5

 Flight Plan

- FR ENY4 25/ 6 9/N6 9AE GSO ORD ALTN CVG
 M N T/O FUEL 9547 RLS FUEL 009979 FERRY 82
 TOT BRN 5788 PLAN ARR FUEL 50 2 02HR/ 6M N

ALTN RTE - R /FL230 ORD.DCT.EARND.DCT.ELANR.CEGRM5.
 CVG

***** R GHT START FL GHT *****

RTX - PLAN OF - RTE - CTLD CALC/RTE

FF KZTLZQZX KDENXLDX
 022 KTULSYMD
 FPL-ENY4 25- S
 -E 45/M-SDE3FGRWZ/EB
 -KGSO 22
 -N0430F360 TRSHA TAARZ DCT PSK DCT HEVAN/N045 F260 DCT MZZ
 VEECK4
 -KORD0 54 KCVG
 -PBN/C2C3D2D3 NAV/RNVD E2A SUR/260B REG/N6 9AE
 SEL/NONE CODE/A8 032

TO	LAT	LONG	MC	AS	GS	TD	SD	ST	SB
DENT	FL W ND	WCP	MH	MK	TAS		TLDR	TTLT	TTLB TH
WHAYN	N36 70	W080206	306				P05	0022	
WHAYN	24049	M029	298				0		42
	AW ND.....AGS.....ETA.....ATA.....ABURN.....								
TRSHA	N36205	W080259	3 6				P05	0006	
TRSHA	25052	M032	308				0		42
	AW ND.....AGS.....ETA.....ATA.....ABURN.....								
TAARZ	N3642	W080362	346				P05	0023	
TAARZ	26054	M0 4	336				0		42
	AW ND.....AGS.....ETA.....ATA.....ABURN.....								
PULASK	DUB	N37052	W080427	354			P05	0024	
PSK		26063	M0 2	342			0		42
6.80	AW ND.....AGS.....ETA.....ATA.....ABURN.....								

TOP OF CL MB 309 P05 0050 0030 0225
TOC 36 26072 M057 300 0 0457 0030 0225 42
AW ND.....AGS.....ETA.....ATA.....ABURN.....

HEVAN N392 W085077 309 248 37 P00 0 99 0032 0 28
HEVAN 36 26076 M059 302 750 430 0 0258 0 02 0353 42
AW ND.....AGS.....ETA.....ATA.....ABURN.....

MAR ON N40295 W085407 344 309 438 P0 0073 00 0 0058
MZZ 26 26065 M0 3 336 750 45 0 0 85 0 2 04 40
08.60 AW ND.....AGS.....ETA.....ATA.....ABURN.....

NYLEN N40520 W085490 348 309 443 P02 0024 0004 0007
NYLEN 26 25072 M007 336 750 450 0 0 6 0 6 04 8 38
AW ND.....AGS.....ETA.....ATA.....ABURN.....

VEECK N4 075 W08637 298 309 345 P02 0040 0007 0040
VEECK 8 2507 M056 29 645 40 0 0 2 0 23 0458 37
AW ND.....AGS.....ETA.....ATA.....ABURN.....

BOONE N4 2 8 W087 5 302 309 352 P02 0030 0005 0029
BOONE 8 25070 M049 294 645 40 0 009 0 28 0487 37
AW ND.....AGS.....ETA.....ATA.....ABURN.....

HANN N4 30 W0872 5 32 309 37 P02 00 0002 00 0
HANN 8 25070 M030 3 2 645 40 0 0080 0 30 0497 37
AW ND.....AGS.....ETA.....ATA.....ABURN.....

CLUSO N4 392 W087296 330 309 38 P02 00 0002 0009
CLUSO 8 25070 M020 320 645 40 0 0069 0 32 0506 37
AW ND.....AGS.....ETA.....ATA.....ABURN.....

P NKK N4 499 W0874 6 323 309 374 P02 00 4 0002 00 3
P NKK 8 25070 M027 3 3 645 40 0 0055 0 34 05 9 37
AW ND.....AGS.....ETA.....ATA.....ABURN.....

BGN DESCENT 3 5 309 P0 00 7 0003 00 6
BOD 8 25069 M036 306 645 0 0038 0535 38
AW ND.....AGS.....ETA.....ATA.....ABURN.....

CH CAGO O HA N4 584 W087543 3 5 M02 0038 00 7 0044
ORD 25047 M026 302 0 0582 0 54 0579 38
AW ND.....AGS.....ETA.....ATA.....ABURN.....

RWT 048730 PLD 009400 D00363 GND24/ 5 Q07 248 SKD 22/ 34
MTOW 049006

PLAN ARR FUEL 0050 2 02 6

ARPT FUEL T ME D ST
ENRT BRN ORD 005356 0 54 0582

RSV 0 496 0045
ALTN CVG 02245 0049 0264
HOLD 00450 00 5

T/O FUEL 009547 M N T/O 009547

TAX GSO 00432 0024

TOTAL 009979

RLS FUEL GSO 009979
FERRY 00082 0027

RMKS/ -NONE

ACFT RESTR -NONE

MEL TEMS -NONE

PDL TEMS -NONE

SEL TEMS-NONE

D SP [REDACTED] S GNED BY [REDACTED] [REDACTED]

CAPT [REDACTED] RESTRD YES MOT 7 3Z LMT 7 3Z
F/O [REDACTED] CAT2 NO 7 3Z 7 3Z
CAT3 NO
FAR 7 MAX TAX 35 M N. UP TO 30 M N EARLY DPTR OK AW FM PT

AUZD CAPT S GNATURE..... NOV 9/ 022

BY S GN NG OFF TH S FL GHT PLAN YOU ARE ACKNOWLEDG NG
** F T FOR DUTY BASED ON FAR 7.5 REQU REMENTS.
** FOR YOUR AWARENESS, THE *MOT* T ME D SPLAYED NCLUDES P LOT
AUTHOR ZED FDP EXTENS ON. THE *LMT* T ME NCLUDES THE MAX MUM
FDP EXTENS ON POSS BLE BASED UPON PLAN DEPARTURE T ME, FOR
UNFORSEEN OPERAT ONAL C RCUMSTANCES.
F APPROACH NG ACTUAL DUTY L M TAT ON, CAPTA N MUST CONTACT
D SPATCH TO COORD NATE FDP EXTENS ON.

///// APPENDED MESSAGES /////

*** FORECAST USED FOR PLANN NG ***

** TERM NAL FORECAST **

GSO 0539Z 06/ 206 22005KT P6SM SKC
FM 800 22008G 7KT P6SM BKN250
FM 2300 2 006KT P6SM BKN 50
ORD TAF/
TAF KORD 0655Z 07/ 2 3 020 2KT 3SM -SN BKN008 OVC0 2
TEMPO 07/ 09 SM -SN BR OVC006
FM 0900 0 0 2G 8KT SM -SN BR OVC006
TEMPO 09/ 3 /2SM SN FZFG VV004
FM 500 360 5G25KT SM -SN BLSN BKN008 OVC0 2
FM 800 350 5G25KT 2SM -SN BLSN BKN0 2 OVC020
FM 2 00 340 7G25KT 5SM BLSN BKN020 OVC030
FM 20000 330 5G25KT P6SM SCT025 BKN040
FM 20400 320 4KT P6SM SCT040
FM 20900 320 3KT P6SM SKC
WS /CT
CVG 0904Z 09/ 2 2 6004KT P6SM OVC040
FM 900 28008KT P6SM VCSH OVC0 5
FM 2000 320 0KT 5SM -RA OVC006
FM 20 00 330 5G22KT SM -SN OVC004
FM 20500 330 4G22KT 3SM -SN OVC0 5

ENRT	WX FL 320				FL 340				FL 360				FL 380			
	TD	W	ND	WCP	TD	W	ND	WCP	TD	W	ND	WCP	TD	W	ND	WCP
HEV	0P0	/	26069M052	0P0	/	26077M059	0P00	/	26084M067	0M05	/	27089M073				
MZZ	0P00	/	26078M0 5	0M0	/	26083M022	0M02	/	2609 M028	0M07	/	26 00M035				
NYL	0M0	/	26093M0 6	0M02	/	26097M0 9	0M03	/	26099M0 8	0M08	/	26 06M024				
VEE	0M0	/	26093M079	0M02	/	26097M082	0M03	/	26099M084	0M08	/	26 06M092				
BOO	0M02	/	26096M076	0M02	/	26 00M082	0M03	/	26 02M082	0M07	/	26 M092				
HAN	0M02	/	26096M055	0M02	/	26 00M060	0M03	/	26 02M060	0M07	/	26 M069				
CLU	0M02	/	26096M042	0M02	/	26 00M047	0M03	/	26 02M047	0M07	/	26 M056				
P N	0M02	/	26096M05	0M02	/	26 00M056	0M03	/	26 02M056	0M07	/	26 M065				

Weather nformation

WXM-FLT ENY4 25/ GSO ORD RTE ALT CVG ZTL TOA 022
SKD 22/ 355Z

MAP FEATURES
NONE

GSO
0954Z 22005KT 0SM CLR 06/03 A30 0 RMK AO2 SLP 92
T00560033

ORD
095 Z 350 3KT 3/4SM R 0L/4000V5000FT -SN BR OVC007
M02/M02 A30 5 RMK AO2 SLP2 8 P0004 T 0 7 022

CVG
0952Z 8004KT 0SM OVC047 08/05 A3002 RMK AO2 SLP 62
T00830050

TRMNL S GMEC
NONE SSUED

CAT S GMEC
NONE SSUED

TSTM S GMEC
NONE SSUED

VASH S GMEC
NONE SSUED

C NG S GMEC
NONE SSUED

TRMNL S GMEC
NONE SSUED

GSO 0539Z 06/ 206 22005KT P6SM SKC
FM 800 22008G 7KT P6SM BKN250
FM 2300 2 006KT P6SM BKN 50

ORD TAF/

TAF KORD 0655Z 07/ 2 3 020 2KT 3SM -SN BKN008 OVC0 2
TEMPO 07/ 09 SM -SN BR OVC006
FM 0900 0 0 2G 8KT SM -SN BR OVC006
TEMPO 09/ 3 /2SM SN FZFG VV004
FM 500 360 5G25KT SM -SN BLSN BKN008 OVC0 2
FM 800 350 5G25KT 2SM -SN BLSN BKN0 2 OVC020

FM 2 00 340 7G25KT 5SM BLSN BKN020 OVC030
FM 20000 330 5G25KT P6SM SCT025 BKN040
FM 20400 320 4KT P6SM SCT040
FM 20900 320 3KT P6SM SKC

WS /CT

CVG 0904Z 09/ 2 2 6004KT P6SM OVC040
FM 900 28008KT P6SM VCSH OVC0 5
FM 2000 320 0KT 5SM -RA OVC006
FM 20 00 330 5G22KT SM -SN OVC004
FM 20500 330 4G22KT 3SM -SN OVC0 5
FM 20700 320 4G22KT P6SM VCSH BKN0 5 OVC025

NOTAMS

GSO NO/

- KGSO/GSO - P EDMONT TR AD NTL
-----/

RUNWAY -----

-RWY 05R/23L SAFETY AREA NOT STD EDGE
3 OCT 9/ 300 5NOV 9/2 00 KGSO A 529/ 9

TAX WAY -----

-TWY M HLDG PSN S GN FOR RWY 05R/23L LGT U/S
9 090 23- 9 52 00
09NOV 9/0 23 5NOV 9/2 00 KGSO /023

-TWY M3 CLSD
0 MAY 9/ 30 UFN KGSO A0634/ 9

OBSTACLE -----

-OBST TOWER LGT ASR 003758 360808.40N0795636.40W 2. NM N
GSO 3.2FT 97.2FT AGL U/S 9 020828-200 3 0400
02NOV 9/0828 3 JAN20/0400 KGSO /002

-OBST TOWER LGT ASR 296366 360725.50N0795422.20W 2.2NM NE
GSO 979.7FT 9 .9FT AGL U/S 9 030 639- 9 2052359EST
30OCT 9/ 639 05DEC 9/2359 KGSO 0/ 04

-OBST CRANE ASN 20 9-ASO- 0-NRA 360609N0795630W 0. NM NNW
GSO 95FT 290FT AGL FLAGGED AND LGTD
90827 00-2002292300
27AUG 9/ 00 29FEB20/2300 KGSO 08/066

-OBST CRANE ASN 20 9-ASO-9-NRA 360607N0795628W 0.0NM NE GSO
95FT 290FT AGL FLAGGED AND LGTD 90827 00-2002292300
27AUG 9/ 00 29FEB20/2300 KGSO 08/065

-OBST CRANE ASN 20 9-ASO-8-NRA 3606 0N0795625W 0. NM NNE
GSO 95FT 290FT AGL FLAGGED AND LGTD
90827 00-2002292300
27AUG 9/ 00 29FEB20/2300 KGSO 08/064

-OBST CRANE ASN 20 9-ASO-7-NRA 3606 N0795627W 0. NM NE GSO
95FT 290FT AGL FLAGGED AND LGTD 90827 00-2002292300
27AUG 9/ 00 29FEB20/2300 KGSO 08/063

-OBST CRANE ASN 20 9-ASO-3-NRA 3606 N0795627W 0. NM NE GSO
05FT 200FT AGL FLAGGED AND LGTD 9043020 7-20090 2 00
30APR 9/20 7 0 SEP20/2 00 KGSO 04/ 28

ORD NO/

- KORD/ORD - CH CAGO OHARE NTL
-----/

----- A RPORT -----

-ALL SFC W P SN REMOVAL

NOV 9/09 7 2NOV 9/ 200 KORD A 985/ 9

-ACFT REQUEST NG NO SE ABATEMENT RWY REQU RE 2HR PPR

773-686-2255

04NOV 9/ 754 7MAY20/ 00 KORD A 546/ 9

-AD AP WD FOR RWY 22L U/S 9 020630- 9 6 00

02NOV 9/0630 6NOV 9/ 00 KORD /073

-AP ABN U/S GREEN ONLY

29OCT 9/0759 3NOV 9/0759 KORD A 022/ 9

----- RUNWAY -----

-RWY 0C/28C CLSD 9 009- 9 200

NOV 9/ 009 NOV 9/ 200 KORD /378

-RWY 09R/27L CLSD

NOV 9/0457 NOV 9/ 200 KORD A 972/ 9

-RWY 04R/22L CLSD

NOV 9/0435 NOV 9/ 200 KORD A 970/ 9

-RWY 04L/22R CLSD

NOV 9/0435 NOV 9/ 200 KORD A 969/ 9

-RWY 0R/28L CLSD

NOV 9/0357 NOV 9/ 200 KORD A 966/ 9

-RWY 09L/27R CLSD

NOV 9/0356 NOV 9/ 200 KORD A 965/ 9

-RWY 0L 5/5/5 00 PCT WET

OBS AT 9 09 4.

NOV 9/09 4 2NOV 9/09 4 KORD A 984/ 9

-RWY 27R LEAD OFF LGT U/S

0 NOV 9/08 2 29NOV 9/ 200 KORD A 340/ 9

-RWY 09L LEAD OFF LGT U/S

0 NOV 9/08 2 29NOV 9/ 200 KORD A 34 / 9

-RWY 0C/28C CL MARK NGS OBSC 9 0 0803- 9 29 00

0 NOV 9/0803 29NOV 9/ 00 KORD /025

-RWY 04L/22R SAFETY AREA RREGULAR SFC NE END

3 OCT 9/ 733 30APR20/ 200 KORD A 242/ 9

-RWY 04L/22R SAFETY AREA RREGULAR SFC

SE S DE BTN TWY M AND TWY NN

3 OCT 9/ 73 30NOV 9/ 200 KORD A 24 / 9

-RWY 04L/22R SAFETY AREA RREGULAR SFC

NW S DE BTN TWY D AND TWY M

3 OCT 9/ 729 30APR20/ 200 KORD A 240/ 9

-RWY 09R/27L CL MARK NGS OBSC 9 03 4 3- 9 30 200
3 OCT 9/ 4 3 30NOV 9/ 200 KORD 0/ 77

-RWY 09R/27L SAFETY AREA RREGULAR SFC N S DE BTN TWY TT AND
TWY M
2 OCT 9/063 2 NOV 9/ 200 KORD A0436/ 9

-RWY 09R/27L SAFETY AREA RREGULAR SFC N S DE BTN TWY TT AND
TWY PP
6OCT 9/ 503 3 DEC 9/2359 KORD A0 90/ 9

-RWY 09L/27R CL MARK NGS OBSC 9 008 437- 9 209 200
08OCT 9/ 437 09DEC 9/ 200 KORD 0/269

----- APPROACH AND LAND NG -----

- LS RWY 22L GP U/S
05NOV 9/0 50 22NOV 9/2000 KORD A 557/ 9

- LS RWY 04R LOC/GP U/S
0 NOV 9/0 20 22NOV 9/2300 KORD A 3 0/ 9

-RNAV GPS RWY 09L, AMDT 3C...
LNAV MDA 80/HAT 5 2, V S CATS C/D RVR 5500.
D STANCE VDP .43 TO THR.
FOR NOP ALS, NCREASE LNAV/VNAV V S TO RVR 5500 AND LNAV
CATS C/D V S TO 3/8.
TEMPO CRANE, 2.52NM SW OF RWY 09L, 50FT AGL/870FT MSL
20 9-AGL-8526-OE .
6OCT 9/ 00 3DEC 9/2 08 KORD A0 00/ 9

- LS OR LOC RWY 0C, AMDT 2A...
S-LOC 0C ZURSO F X OBK R- 8 OUT OF TOLERANCE. ZURSO F X
M N MUMS RA SED FROM 00 TO 220 W THOUT DME OR RADAR..
09OCT 9/ 436 20OCT2 /2300 KORD A9744/ 9

- LS Z OR LOC Z RWY 0R, OR G-B...
S- LS 0R DA 889/HAT 209.
CHANGE ALS NOP NOTE TO READ: FOR NOP ALS, NCREASE S- LS
0R V S B L TY TO RVR 4000 ALL CATS, S-LOC 0R CAT C AND D
V S B L TY TO RVR 6000.
23JUL 9/ 745 23JUL2 / 745 KORD A470 / 9

-RNAV GPS RWY 9R, AMDT 4A...
LNAV/VNAV DA 070/HAT 4 0.
3MAY 9/ 947 3MAY2 / 946 KORD A987 / 9

-RNAV GPS RWY 4L, AMDT 2A...
LPV DA 94 /HAT 283, V S RVR 4500 ALL CATS.
NOTE: RWY 4L HEL COPTER V S B L TY REDUCT ON BELOW RVR 4000
NOT AUTHOR ZED.
04APR 9/ 729 04APR2 / 729 KORD A7398/ 9

- LS RWY 0L CAT AND , AMDT 9A ...
CORRECT M N MUM. CHANGE S- LS 0L CAT A/B/C/D TO
CAT RA 95, RVR 200, HAT 00, DA 772 MSL.
M N MUM W LL READ AS CAT RA 95/ 2 00 DA 772.
06MAR 9/ 425 UFN KORD A5760/ 9

-RNAV GPS RWY 0L, AMDT 5A...
LNAV/VNAV DA 06 /HAT 390.

----- DEPARTURE PROCEDURES -----

-TKOF MNMS AND OBST DEP PROC AMDT 2 ...

TKOF MNMS: RWY 09R, 300- OR STANDARD W TH MNM CL MB OF
 474FT PER NM TO 700. RWY 22R, STANDARD W TH MNM CL MB OF
 42 FT PER NM TO 800. RWY 27L, 300- OR STANDARD W TH MNM
 CL MB OF 2 9FT PER NM TO 800. ADD TKOF OBST NOTES: RWY 09R,
 CONST EQPT, 5 FT FM DER, 203FT R GHT OF CL, 0FT AGL/655FT
 MSL 20 8-AGL-3444-NRA . CONST EQPT BEG NN NG 20 FT FM DER,
 467FT R GHT OF CL, UP TO 25FT AGL/663FT MSL 20 7-AGL-9 30
 THRU 9 34-NRA . RWY 22R, CONST EQPT, 862FT FM DER, 62 FT
 R GHT OF CL, 45FT AGL/70 FT MSL 20 6-AGL- 0938-NRA . BATCH
 PLANT TOWER M SCELLANEOUS EQPT BEG NN NG 3600FT FM DER, 608FT
 R GHT OF CL, 90FT AGL/UP TO 752FT MSL 20 7-AGL- 0 43 THRU
 0 46-NRA . CONST EQPT BEG NN NG 282FT FM DER, 626FT R GHT
 OF CL, 45FT AGL/UP TO 703FT MSL 20 6-AGL- 09 2, 09 6,
 0920-NRA . RWY 27L, EQPT 3746FT FM DER, 335FT LEFT OF CL,
 00FT AGL/762FT MSL. CONST EQPT, BEG NN NG 707FT FM DER,
 685FT R GHT OF CL, 45FT AGL/705FT MSL 20 6-AGL- 0873 AND
 0874-NRA , RWY 27L, TEMPO CRANE, 2668FT FM DER, 796FT R GHT
 OF CL, 75FT AGL/742FT MSL 20 7-AGL-964 -NRA .
 ALL OTHER DATA REMA NS AS PUBL SHED.

30OCT 9/2 4 29NOV 9/2 3

KORD A 3 / 9

-OHARE F VE DEP...

TKOF MNMS: RWY 09R, 300- OR STANDARD W TH MNM CL MB OF
 474FT PER NM TO 700. RWY 22R, STANDARD W TH MNM CL MB OF
 42 FT PER NM TO 800. RWY 27L, 300- OR STANDARD W TH MNM
 CL MB OF 2 9FT PER NM TO 800.
 ADD TKOF OBST NOTES: RWY 09R, CONST EQPT, 5 FT FM DER,
 203FT R GHT OF CL, 0FT AGL/655FT MSL 20 8-AGL-3444-NRA .
 CONST EQPT, BEG NN NG 20 FT FM DER, 467FT R GHT OF CL,
 UP TO 25FT AGL/663FT MSL 20 7-AGL-9 30 THRU 9 34-NRA . RWY
 22R, BATCH PLANT TOWER M SCELLANEOUS EQPT, BEG NN NG 3600FT
 FM DER, 608FT R GHT OF CL, 90FT AGL/UP TO 752FT MSL
 20 7-AGL- 0 43 THRU 0 46-NRA . CONST EQU P BEG NN NG 282FT
 FM DER, 626FT R GHT OF CL, 45FT AGL/UP TO 703FT MSL
 20 6-AGL- 09 2, 09 6, 0920-NRA . RWY 27L, CONST EQPT,
 3746FT FM DER, 335FT LEFT OF CL, 00FT AGL/762FT MSL. CONST
 EQPT, BEG NN NG 707FT FM DER, 685FT R GHT OF CL, 45FT
 AGL/705FT MSL 20 6-AGL- 0873 AND 0874-NRA . ALL OTHER DATA
 REMA NS AS PUBL SHED.

30SEP 9/ 756 MAY20/ 756

KORD A9 97/ 9

----- NAV GAT ON -----

-GCO NAV DME NOT MNT 907 8 6 0- 9 23 2359

8JUL 9/ 6 0 3 DEC 9/2359

KORD 07/6 4

----- TAX WAY -----

-TWY ALL /8 N WET SN

OBS AT 9 0945.

NOV 9/0945 2NOV 9/0945

KORD A 988/ 9

-TWY JJ CLSD

NOV 9/0224 2NOV 9/ 200

KORD A 952/ 9

-TWY JJ CLSD

NOV 9/0223 2NOV 9/ 200

KORD A 95 / 9

-TWY L BTN TWY DD AND TWY K3 W P OPN EXCAVAT ON ADJ SOUTH S DE
0NOV 9/ 532 3NOV 9/2200 KORD A 946/ 9

-TWY A HLDG PSN S GN NORTHEAST S DE FOR RWY 09R/27L LGT U/S
9 070734- 9 4 200
07NOV 9/0734 4NOV 9/ 200 KORD /242

-TWY M BTN TWY D AND RWY 09R/27L CLSD
06NOV 9/ 858 20DEC 9/ 200 KORD A 690/ 9

-TWY E BTN TWY E AND TWY TT CLSD
06NOV 9/ 846 06DEC 9/ 200 KORD A 682/ 9

-TWY N SFC PA NTED HLDG PSN S GNS AT RWY 22L FADED
9 06 444- 9 2 2 200
06NOV 9/ 444 2DEC 9/ 200 KORD /205

-TWY TT BTN TWY D AND TWY E CLSD
06NOV 9/ 208 2NOV 9/000 KORD A 673/ 9

-TWY A 8 SAFETY AREA SOUTHWEST S DE RREGULAR SFC
05NOV 9/ 602 20NOV 9/2300 KORD A 59 / 9

-TWY T APCH AREA HLDG PSN S GN WEST S DE FOR APCH END RWY 09R
LGT U/S 9 0507 6- 9 2 00
05NOV 9/07 6 2NOV 9/ 00 KORD / 53

-TWY D BTN RWY 04L/22R AND TWY E W P RREGULAR SFC ADJ NORTH
SHOULDER
03NOV 9/ 705 22NOV 9/ 200 KORD A 498/ 9

-TWY M SAFETY AREA BTN RWY 04L/22R AND TWY M2 WEST S DE
RREGULAR SFC
03NOV 9/ 635 03DEC 9/ 600 KORD A 497/ 9

-TWY C EDGE MARK NGS BTN TWY C2 AND TWY M2 NORTHEAST S DE
REMOVED 9 03 6 - 9 203 600
03NOV 9/ 6 03DEC 9/ 600 KORD / 00

-TWY K3 BTN TWY L AND TWY N W P STEEL PLATES ADJ WEST S DE
02NOV 9/ 932 02DEC 9/ 200 KORD A 463/ 9

-TWY V7 CLSD
02NOV 9/ 438 5NOV 9/ 00 KORD A 460/ 9

-TWY A3 HLDG PSN S GN NORTHEAST S DE FOR APCH END RWY 04L LGT
U/S 9 0 0 6- 9 5 200
0 NOV 9/ 0 6 5NOV 9/ 200 KORD /033

-TWY YY BTN ENVOY RAMP AND TWY Z W P
RREGULAR SFC ADJ SOUTHEAST S DE
3 OCT 9/ 735 30NOV 9/2300 KORD A 243/ 9

-TWY BB BTN TWY BB2 AND TWY K W P CONST ADJ EAST S DE STEEL
PLATES
30OCT 9/ 9 8 9NOV 9/2300 KORD A 29/ 9

-TWY K3 BTN TWY N AND TWY L W P STEEL PLATES ADJ EAST EDGE
30OCT 9/ 636 7NOV 9/ 00 KORD A 26/ 9

-TWY V SFC PA NTED HLDG PSN S GNS FOR APCH END RWY 22L FADED

9 0280533- 9 282200
28OCT 9/0533 28NOV 9/2200 KORD 0/023

-TWY SS HLDG PSN MARK NGS AT RWY 09R APCH SOUTH S DE NOT STD
9 0230733- 9 202359
23OCT 9/0733 20NOV 9/2359 KORD 0/809

-TWY N N PAVEMENT RWY GUARD LGT FOR RWY 04R/22L U/S
6OCT 9/ 554 3 DEC 9/ 00 KORD A0 95/ 9

-TWY Z BTN TWY SS AND TWY J CLSD
02OCT 9/ 856 28NOV 9/ 200 KORD A9337/ 9

-TWY BB2 BTN TWY BB AND TXL K NONMOVEMENT AREA
02OCT 9/ 544 5MAY20/ 700 KORD A9328/ 9

-TWY BB BTN TWY BB AND TXL BB NONMOVEMENT AREA
02OCT 9/ 544 5MAY20/ 700 KORD A9327/ 9

-TWY Z BTN TWY J AND TWY K NONMOVEMENT AREA
0 OCT 9/ 726 5MAY20/ 700 KORD A9273/ 9

-TWY U BTN TWY BB AND TWY Z NONMOVEMENT AREA
0 OCT 9/ 726 5MAY20/ 700 KORD A9272/ 9

-TWY BB BTN TWY K AND TWY J NONMOVEMENT AREA
0 OCT 9/ 725 5MAY20/ 700 KORD A927 / 9

-TWY AA BTN TWY J AND TWY K NONMOVEMENT AREA
0 OCT 9/ 724 5MAY20/ 700 KORD A9270/ 9

----- OTHER -----

-TWY V N PAVEMENT RWY GUARD LGT AT APCH END RWY 22L U/S
0 NOV 9/ 0 6 29NOV 9/ 200 KORD A 368/ 9
CVG NO/

- KCVG/CVG - C NC NNAT /NORTHERN KENTUCKY NTL
-----/

----- RUNWAY -----

-RWY 27 PAP U/S
0 NOV 9/ 44 3NOV 9/2000 KCVG A3857/ 9

----- APPROACH AND LAND NG -----

- LS RWY 36L LOC/GP/DME UNUSABLE
06NOV 9/0005 22NOV 9/2200 KCVG A3928/ 9

-RNAV RNP Z RWY 36C, OR G-C...
RNP 0.24 DA 32 /HAT 470 ALL CATS.
RNP 0.30 DA 338/HAT 487 ALL CATS.
TEMPORARY CRANE 089FT MSL 29 6FT SE OF RWY 36C.
TEMPORARY CRANE 993FT MSL 5468FT S OF RWY 36C.
04NOV 9/ 549 26NOV 9/ 549 KCVG A389 / 9

-RNAV GPS Y RWY 36C, AMDT C...
LPV DA 35/HAT 284 ALL CATS, V S B L TY RVR 2400 ALL CATS.
FOR NOPERAT VE ALS, NCREASE ALL CATS V S B L TY TO RVR
4500. TEMPORARY CRANES, 73FT SE OF RWY 36C, 09FT AGL/
953FT MSL, 2907FT SE OF RWY 36C, 227FT AGL/ 089FT MSL AND
4850FT SOUTH OF RWY 36C, 08FT AGL/993FT MSL

20 9-ASO-3736-NRA, 20 9-ASO-3330-NRA, 20 9-ASO-378 -NRA .
04NOV 9/ 000 26NOV 9/0754 KCVG A3878/ 9

- LS RWY 36C CAT AND , AMDT4 C ...
PROCEDURE NA.
TEMPORARY CRANES, 73FT SE OF RWY 36C, 09FT AGL/ 953FT MSL,
2907FT SE OF RWY 36C, 227FT AGL/ 089FT MSL AND 4850FT SOUTH
OF RWY 36C, 08FT AGL/993FT MSL 20 9-ASO-3736-NRA,
20 9-ASO-3330-NRA, 20 9-ASO-378 -NRA
04NOV 9/ 000 26NOV 9/0754 KCVG A3877/ 9

- LS OR LOC RWY 36C, AMDT 4 C...
S- LS DA 35/HAT 284 ALL CATS, V S B L TY RVR 2400 ALL
CATS. FOR NOPERAT VE ALS, NCREASE ALL CATS V S B L TY TO
RVR 4500. TABBO F X M N MUMS: S-LOC 36C NA
TEMPORARY CRANES, 73FT SE OF RWY 36C, 09FT AGL/ 953FT MSL,
2907FT SE OF RWY 36C, 227FT AGL/ 089FT MSL AND 4850FT SOUTH
OF RWY 36C, 08FT AGL/993FT MSL 20 9-ASO-3736-NRA,
20 9-ASO-3330-NRA, 20 9-ASO-378 -NRA .
04NOV 9/ 000 26NOV 9/0754 KCVG A3876/ 9

----- DEPARTURE PROCEDURES -----

-BLUEGRASS FOUR DEPARTURE...
C NC NNAT F VE DEPARTURE...
RHOMM FOUR DEPARTURE...
WH TEWATER N NE DEPARTURE...
TAKEOFF M N MUMS: RWY 8C: 300- OR STANDARD W TH M N MUM
CL MB OF 355FT PER NM TO 200.
TAKEOFF OBSTACLE NOTES: RWY 8C: TEMPORARY CRANE 4809FT FROM
DER, 630FT LEFT OF CENTERL NE, 08 FT AGL/993FT MSL.
ALL OTHER DATA REMA NS AS PUBL SHED.
04NOV 9/ 549 26NOV 9/ 549 KCVG A3890/ 9

-TAKEOFF M N MUMS AND OBSTACLE DEPARTURE PROCEDURES AMDT
... TAKEOFF M N MUMS: RWY 8C, 300- OR STANDARD W TH
M N MUM CL MB OF 355FT PER NM TO 200.
TAKEOFF OBSTACLE NOTES: RWY 8C, TEMPORARY CRANE 4809FT FROM
DER, 630FT LEFT OF CENTERL NE, 08FT AGL/993FT MSL.
ALL OTHER DATA REMA NS AS PUBL SHED.
04NOV 9/ 549 26NOV 9/ 549 KCVG A3889/ 9

-WH TEWATER N NE DEPARTURE...
CAD Z TRANS T ON FROM BO LER BTV VORTAC TO CAD Z MOCA 2400.
ALL OTHER DATA REMA NS AS PUBL SHED.
04DEC 8/ 908 04DEC2 / 908 KCVG A3725/ 8

----- TAX WAY -----

-TWY N CLSD BTN TXL N SPOT 65 AND SOUTH MA NT HANGAR RAMP
SCHEDULE: DA LY 200-2300
2NOV 9/ 200 6NOV 9/2300 KCVG A397 / 9

-TWY N BTN SOUTH MA NT HANGAR RAMP AND TXL N SPOT 65 CLSD EXC
ACFT W NGSPAN LESS THAN 7 FT AND TA L HGT LESS THAN 60FT
NOV 9/0056 2NOV 9/ 200 KCVG A3978/ 9

-TWY S BTN TWY J AND TWY S8 CLSD TO ACFT W NGSPAN MORE THAN
8FT AND TA L HGT MORE THAN 45FT
0NOV 9/ 559 5NOV 9/2200 KCVG A3965/ 9

-TWY N BTN SOUTH MA NT HANGAR RAMP AND TXL N SPOT 65 NORTH

EDGE RREGULAR SFC
06NOV 9/22 3 5NOV 9/2200 KCVG A3932/ 9

-TWY N SOUTH EDGE RREGULAR SFC
6OCT 9/ 90 6NOV 9/ 90 KCVG A3695/ 9

----- GENERAL -----

-A RSPACE BLAST NG W AN AREA DEF NED AS .25NM RAD US OF
CVG062002 SFC-250FT AGL DLY 2 00-2200 9 2 00- 9 52200
NOV 9/2 00 5NOV 9/2200 KCVG /08

-A RSPACE BLAST NG W AN AREA DEF NED AS .25NM RAD US OF
CVG062002 SFC-250FT AGL DLY 800- 900 9 800- 9 5 900
NOV 9/ 800 5NOV 9/ 900 KCVG /082

ZTL NO/

- KZTL/ZTL - ATLANTA
-----/

----- ARR VAL PROCEDURES -----

-STANLY APP 9.55/306.9 U/S
22MAY 9/ 548 3 DEC 9/0200 KZTL A0 82/ 9

-SVC STANLY APP CLSD 9052 250- 9 23 0200
2 MAY 9/ 250 3 DEC 9/0200 KZTL 05/489

----- NAV GAT ON -----

-Q52 CHOPZ, GA TO COLZ , NC NOT AUTH.
26NOV 8/ 657 26NOV20/ 657 KZTL A0322/ 8

----- A RSPACE -----

-ROUTE
V70 ALLENDALE ALD VOR, R-248 TO COP NA EXCEPT FOR ACFT
EQU PPED W TH SU TABLE RNAV SYSTEM W TH GPS.
ALD VOR UNUSABLE ALL ALT TUDES.
30AUG 9/ 509 30AUG2 / 502 KZTL A0288/ 9

-V35 GLADE SPR NG GZG VOR/DME, VA TO STACY, VA MEA 6500.
09MAY 9/ 835 09MAY2 / 835 KZTL A0 66/ 9

-ROUTE ZTL.
V97 W LMS NT, GA TO GRANT NT, GA MEA 6000.
V97 PRATZ NT, GA MCA 6000.
PZD DME UNUSABLE R-359 UNUSABLE BELOW 6000.
08APR 9/ 759 08APR2 / 75 KZTL A0 20/ 9

-V3 MADOL TO NELLO MEA 7500 SB.
HCH VOR/DME RESTR CTED BEYOND 55NM.
4MAR 9/20 0 4MAR2 / 953 KZTL A0084/ 9

-V53 W DER NT, SC TO W LLS NT, SC NOT AUTH EXCEPT FOR
A RCRAFT EQU PPED
W TH SU TABLE RNAV SYSTEM W TH GPS.
29JAN 9/ 949 29JAN2 / 949 KZTL A003 / 9

-V37 GREAT NT, SC TO R CHE NT, SC MEA 6000.
29JAN 9/ 9 9 29JAN2 / 9 9 KZTL A0029/ 9

-V3 GRD VORTAC TO CAE VORTAC MEA 2400

29JAN 9/ 9 29JAN2 / 9 KZTL A0028/ 9

-V3 AWSON, GA MRA 6000.
27DEC 8/ 908 27DEC20/ 908 KZTL A0363/ 8

-V4 7 AWSON, GA MRA 6000.
27DEC 8/ 905 27DEC20/ 905 KZTL A0362/ 8

-V5 AWSON, GA MRA 6000.
27DEC 8/ 904 27DEC20/ 903 KZTL A036 / 8

-ROUTE ZTL.
V97 NELLO, GA MCA 0000 NORTHBOUND.
27DEC 8/ 7 5 27DEC20/ 7 5 KZTL A0357/ 8

-V5 NELLO MCA 7000 EB.
27DEC 8/ 7 4 27DEC20/ 7 4 KZTL A0355/ 8

-ROUTE ZTL.
V4 7 NELLO, GA MCA 7000 EASTBOUND.
27DEC 8/ 7 27DEC20/ 7 KZTL A0353/ 8

-V 33 STOVE, VA MCA 2 00 NB.
6NOV 8/ 604 6NOV20/ 604 KZTL A03 6/ 8

-V 33 MULBE, NC MCA 5900 NORTHBOUND.
6NOV 8/ 602 6NOV20/ 60 KZTL A03 4/ 8

----- GENERAL -----

-A RSPACE NUMEROUS ACFT W AN AREA DEF NED AS 25NM RAD US OF
AUO SFC-6000FT 90827 758- 9 2 60200
27AUG 9/ 758 6DEC 9/0200 KZTL 08/755

-A RSPACE A RDROP W AN AREA DEF NED AS 3NM E THER
S DE OF A L NE FM RMG358027 TO RMG346009 SFC- 800FT MON TUE
THU 2200-0330 902 82200-200 0 0330
8FEB 9/2200 0 JAN20/0330 KZTL 02/365

-A RSPACE A RDROP W AN AREA DEF NED AS 3NM E THER S DE OF A
L NE FM RMG358027 TO RMG346009 SFC- 800FT MON TUE THU
430-2000 902 8 430- 9 23 2000
8FEB 9/ 430 3 DEC 9/2000 KZTL 02/364

----- OBSTACLE -----

-OBST W ND TURB NE FARM W AN AREA DEF NED AS .2NM RAD US OF
360733N0842054W 5.2NM SW JAU 373 FT 395FT AGL NOT LGTD
9 0252227- 9 260600
25OCT 9/2227 26NOV 9/0600 KZTL 0/584

-OBST TOWER LGT ASR UNKNOWN 3 3437.52N08 203073.86W 39NM N
SAV 235FT 200FT AGL OUT OF SERV CE 90603 923- 9 2032359
03JUN 9/ 923 03DEC 9/2359 KZTL 06/069
Z D NO/

- KZ D/Z D - ND ANAPOL S
-----/

----- COMMUN CAT ON -----

-COM CPDLC AVBL EN ROUTE W TH KUSA 908 5 55- 9 23 2359
5AUG 9/ 55 3 DEC 9/2359 KZ D 08/3 8

----- A RSPACE -----

-V35 GZG VOR/DME TO STACY MEA 6500.
09MAY 9/ 837 09MAY2 / 836 KZ D A0068/ 9

-ROUTE Z D. V 78 MCFEE, KY MCA 3400 WESTBOUND.
09APR 9/ 725 09APR2 / 725 KZ D A0049/ 9

-V47 CVG VORTAC TO M ZZA MEA 3000.
20FEB 9/ 943 20FEB2 / 943 KZ D A0032/ 9

-V 5 HAZARD AZQ VOR/DME, KY TO CHARLESTON HVQ VORTAC, WV
MEA 6000.
29JAN 9/ 934 29JAN2 / 933 KZ D A00 3/ 9

-ROUTE Z D.
V59 SOFTY, WV TO BECKLEY BKW VORTAC, WV NA BKW VOR R- 6
UNUSABLE.
08JAN 9/ 603 08JAN2 / 603 KZ D A0004/ 9

-ROUTE Z D ZDC.
V258 BECKLEY BKW VORTAC, WV TO ZOOMS, WV NA BKW VOR R- 3
UNUSABLE.
08JAN 9/ 602 08JAN2 / 602 KZ D A0003/ 9

-V 78 SL NK TO BLF VOR/DME GNSS MEA 5800.
7DEC 8/2249 7DEC20/2249 KZ D A0 65/ 8

-V 33 P NEE, WV MCA 3000 SOUTHBOUND
6NOV 8/ 608 6NOV20/ 608 KZ D A0 46/ 8

----- GENERAL -----

-A RSPACE BUCKEYE MOA ACT 5000FT-FL 80 9 400- 9 930
NOV 9/ 400 NOV 9/ 930 KZ D / 84

-KY..ROUTE Z D.
V 78 MAUDD, KY MCA 3400 EASTBOUND.
90409 725-2 0409 725EST
09APR 9/ 725 09APR2 / 725 KZ D 9/9550

----- WARN NG -----

-A RBORNE TO GROUND LASER
ACT W LL BE CONDUCTED W AN AREA DEF NED AS 40NM RAD US OF
390540. 7N083 440. 5W BUCKEYE MOA . AVO D
A RBORNE HAZARD BY 5NM LATERALLY AND 000FT VERT CALLY.
TH S BEAM S NJUR OUS TO P LOTS/A RCREWS AND PASSENGERS
EYES. ND ANAPOL S /Z D/ ARTCC, TELEPHONE 3 7-247-2242, S
THE FAA COORD NAT ON FAC L TY.
SCHEDULE: DA LY 300-2 00
FL200 / FL300
29AUG 9/ 300 3 AUG20/2 00 KZ D A0 32/ 9

----- OBSTACLE -----

-OBST TOWER LGT ASR UNKNOWN 404843.5N0843 7.74W 5.6NM SE
VNW 24FT 329FT AGL U/S 90925 329-200 0 2359
25SEP 9/ 329 0 JAN20/2359 KZ D 09/5 6
ZAU NO/

- KZAU/ZAU - CH CAGO

-----/-----
----- A RSPACE -----

-V8 GAREN, N TO TWERP, OH MOCA 2400.
0OCT 9/2028 OCT2 /2028 KZAU A0 40/ 9

-V96 FORT WAYNE FWA VORTAC, N TO TWERP, OH MOCA 2400.
0OCT 9/2028 OCT2 /2028 KZAU A0 39/ 9

-V96 FORT WAYNE FWA VORTAC, N TO TWERP, OH MOCA 2400.
0OCT 9/2028 OCT2 /2028 KZAU A0 38/ 9

-V69 PNT VOR/DME TO JOT VOR/DME MOCA 2300.
27SEP 9/2 0 27SEP2 /2 0 KZAU A0 30/ 9

-V262 MOT F TO JOT VOR/DME MOCA 2300.
27SEP 9/2 0 27SEP2 /2 0 KZAU A0 3 / 9

-V586 PNT VOR/DME TO JOT VOR/DME MOCA 2300.
27SEP 9/2 0 27SEP2 /2 0 KZAU A0 29/ 9

-V 73 J LLY TO RA LS MOCA 2400.
03JUL 9/2020 02JUL2 /2020 KZAU A0097/ 9

-V67 SP NNER SP VORTAC, L TO BURL NGTON BRL VOR/DME, A
MOCA 2300.
20JUN 9/22 8 30JAN20/22 4 KZAU A0085/ 9

-V 93 MUSKY, M TO PULLMAN PMM VOR/DME, M NOT AUTH EXCEPT
FOR ACFT EQU PPED W TH SU TABLE RNAV SYSTEM W TH GPS.
22MAY 9/ 342 22MAY2 / 342 KZAU A0059/ 9

-V450 RABEE, W TO MOTAN, M MEA 3500.
MKG VOR MKG R-3 3 UNUSABLE BELOW 3500 BEYOND 25NM TO COP..
0 MAY 9/ 847 0 MAY2 / 847 KZAU A0054/ 9

-ROUTE ZAU.
V 93 CLOCK, M TO WH TE CLOUD H C VOR/DME, M MEA 4000.
09APR 9/ 523 09APR2 / 522 KZAU A0044/ 9

-ROUTE ZAU.
V 93 PULLMAN PMM VOR/DME, M TO CLOCK, M NA EXC FOR ACFT
EQU PPED W TH SU TABLE RNAV SYSTEM W TH GPS.
09APR 9/ 520 09APR2 / 520 KZAU A0043/ 9

-ROUTE ZAU.
V285 V CTORY V O VOR/DME, M TO WH TE CLOUD H C VOR/DME,
M MEA 4000.
09APR 9/ 5 3 09APR2 / 5 3 KZAU A0042/ 9

-V2 5 JYBEE, M TO WH TE CLOUD H C VOR/DME, M NA.
04APR 9/ 3 2 04APR2 / 3 2 KZAU A0038/ 9

-ROUTE ZAU.
V84 NORTHBROOK OBK VOR/DME, L R-08 TO PAPP NT, L MOCA
2000.
26MAR 9/ 722 26MAR2 / 722 KZAU A0035/ 9

-V24 GLARS TO JVL VOR/DME MOCA 2400.
29JAN 9/2046 29JAN2 /2046 KZAU A0023/ 9

-ROUTE ZAU ZOB.
V8 GAREN, N TO TWERP, OH MOCA 2400.
25JAN 9/ 638 25JAN2 / 637 KZAU A002 / 9

-V8 RABBT TO COP MEA 4500.
GSH VORTAC UNUSABLE.
09JAN 9/ 959 09JAN2 / 959 KZAU A00 4/ 9

-ROUTE
V 26, V92 BAGEL, N TO EDGEE, OH MEA 5000.
GSH VORTAC UNUSABLE.
09JAN 9/ 958 09JAN2 / 958 KZAU A00 2/ 9

-ROUTE ZAU ZMP.
V27 MUSKEGON MKG VORTAC, M R-353 TO WELKO, M NA.
08JAN 9/ 700 08JAN2 / 659 KZAU A0007/ 9

-ROUTE ZAU ZOB.
V450 MUSKEGON MKG VORTAC, M R-095 TO CFCCV, M NA.
08JAN 9/ 656 08JAN2 / 656 KZAU A0005/ 9

-J233 RK VORTAC TO ALO VOR/DME MAA
27000 EXC FOR ACFT EQU PPED W TH SU TABLE
RNAV SYSTEM W TH GPS.
9DEC 8/ 552 9DEC20/ 552 KZAU A0 09/ 8

-V55 PULLMAN PMM VOR/DME, M TO YULNU, M NOT AUTH.
07DEC 8/ 4 5 07DEC20/ 4 2 KZAU A0 07/ 8

-ROUTE ZAU ZMP.
J89 BADGER BAE VORTAC, W TO DULUTH DLH VORTAC, MN NA
EXCEPT FOR A RCRAFT EQU PPED W TH SU TABLE RNAV SYSTEM W TH
GPS. BAE VORTAC UNUSABLE.
26NOV 8/ 83 26NOV20/ 83 KZAU A0 02/ 8

----- GENERAL -----

-ROUTE ZAU ZOB.
V8 GAREN, N TO TWERP, OH MOCA 2400.
9 0 02028-2 0 2028EST
0OCT 9/2028 OCT2 /2028 KZAU 9/443

-A RSPACE AEROBAT C ACFT W AN AREA DEF NED AS 2NM RAD US OF
BDF05903 8.4NM NE VYS SFC-5500FT AVO DANCE ADZ SAT SUN
400- 700 90608 400-200405 700
08JUN 9/ 400 05APR20/ 700 KZAU 06/048

----- OBSTACLE -----

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 5.85NM RAD US OF
43005 N0934045W 5.6NM S FXY 636FT 400FT AGL NOT LGTD
9 05 357- 9 2052359EST
05NOV 9/ 357 05DEC 9/2359 KZAU /032

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 7NM RAD US OF
4 7 N0900723W 8.7NM NW EZ 320FT 492FT AGL NOT LGTD
9 030 649- 9 22359EST
30OCT 9/ 649 2NOV 9/2359 KZAU 0/2 0

-OBST TOWER LGT ASR 307864 4 0646.30N09 2620.40W 0.49NM
NNE MPZ 030FT 3 5FT AGL U/S 9 0 8 9 6- 9 2 2359
8OCT 9/ 9 6 2 NOV 9/2359 KZAU 0/ 26

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 3.7NM RAD US OF
4 35 N0884 42W 0NM NW DTG 42FT 389FT AGL NOT LGTD
9 0 7 0 7- 9 72359
7OCT 9/ 0 7 7NOV 9/2359 KZAU 0/ 4

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 4.78NM RAD US OF
432709N0952609W 5.6NM SSE OTG 932FT 400FT AGL NOT LGTD
9 0 6 620- 9 6 700
6OCT 9/ 620 6NOV 9/ 700 KZAU 0/ 2

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 7NM RAD US OF
40 32 N0875347W 2.0NM ESE T P 287FT 492FT AGL NOT LGTD
9 0082 39- 9 2359
08OCT 9/2 39 NOV 9/2359 KZAU 0/06

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 4.5NM RAD US OF
40325 N0872847W 2.9NM NNW 50 62FT 389FT AGL NOT LGTD
906302 25- 9 23 2359
30JUN 9/2 25 3 DEC 9/2359 KZAU 06/2 0

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 4.5NM RAD US OF
403339N087 726W 3NM NNW 50 83FT 422FT AGL NOT LGTD
906302 24- 9 23 2359
30JUN 9/2 24 3 DEC 9/2359 KZAU 06/209

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 4.5NM RAD US OF
403436N0872257W .0NM NNW 50 250FT 3970FT AGL NOT LGTD
906302 23- 9 23 2359
30JUN 9/2 23 3 DEC 9/2359 KZAU 06/208

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 4.5NM RAD US OF
403645N087 50 W .9NM NNW 50 230FT 397FT AGL NOT LGTD
906302 2 - 9 23 2359
30JUN 9/2 2 3 DEC 9/2359 KZAU 06/207

-OBST W ND TURB NE FARM W AN AREA DEF NED AS 3NM RAD US OF
4 4230N0890244W 4.9NM SE C82 22 FT 305FT AGL NOT LGTD
905 7 423- 9 23 2359
7MAY 9/ 423 3 DEC 9/2359 KZAU 05/082

----- OTHER -----

-LASER LGT RESEARCH W AN AREA DEF NED AS 40 003N880934W OR
THE CHAMPA GN/CM /VORTAC 034 DEGREE RAD AL 0NM. LASER LGT
BEAMS W LL BE TERM NATED F NON-PART C PAT NG ACFT ARE
DETECTED ENTER NG THE AFFECTED AREA. LASER LGT BEAMS MAY BE
NJUROUS TO P LOTS/PASSENGERS EYES W 40000FT AGL VERT CALLY
AND 054FT LATERALLY OF THE L GHT SOURCE. FLASH BL NDNESS OR
COCKP T LLUM NAT ON MAY OCCUR BEYOND THESE D STANCES.
CH CAGO /ZAU/ ARTCC TELEPHONE [REDACTED] S THE FAA CDN
FAC L Y.
SCHEDULE: 0500-0900
SFC / FL4 0
2APR 9/0500 0 APR20/0900 KZAU A0045/ 9

P LOT REPORTS

UA /OV MCW 70030/TM 0753/FL370/TP B738/TB CONT MOD
UA /OV 0 NE CVG/TM 0300/FLDURD/TP CRJ2/SK B053 BKN T058

F ELD COND T ONS

GSO 04 6
/FC

* GSO F ELD REPORT *

DATE NOV 9 T ME 0522 LOCAL

EX ST NG TAA SEE NOTAMS

RWY STATUS COND T ONS REMARKS
23L /05R OPEN DRY
23R /05L OPEN DRY
4 /32 OPEN DRY
RAMP/TXWY SURFACE DRY

SPEC AL ADV SOR ES
PCA CART OPERAT ONAL
AA CREWS MUST PERFORM POST FL GHT NSPECT ONS FOR RON
AA CREWS-CALL MOC FOR MTR WR TEUPS ON AC
**POWER OUT AUTH OFF HARD STAND BETWEEN GATES 48/50 **

OPS RAD O FREQ [REDACTED] OPS PHONE CS [REDACTED]
AT S FREQ [REDACTED] AT S PHONE [REDACTED]
MA NT FREQ NONE MA NT PHONE *
PHONE PATCH FREQ * PATCH PHONE [REDACTED]
ACARS FREQ * GROUND PWR YES GROUND A R NO

REMARKS
***** AE GATE 50 GSO *****
JET BR DGE OK
JETBR DGE DOOR CODE [REDACTED]
PCA CART OK
GPU AC-- OK
A R START-OK
DE CERS- OK
MOB LE STA RS-OK
GSO RAMP S UNCONTROLLED *****
T MCO HGR MA NT NFO - RF8 00 GSO

UPDATED 0402/ NOV L GO NS

ORD 04 6
/FC

* ORD F ELD REPORT *

DATE NOV 9 T ME 0422 LOCAL

EX ST NG TAA SEE NOTAMS

RWY STATUS COND T ONS REMARKS
04L /22R CLOSED
04R /22L CLOSED
09L /27R CLOSED
09R /27L CLOSED WET
0L /28R OPEN WET RWYCC 0L 5/5/5
0C /28C CLOSED WET
0R /28L CLOSED WET
RAMP/TXWY SURFACE WET

SPECIAL ADVISORIES
JETBRIDGE CODE 32 FOR RAMP ACCESS.
USE MAIN POWER ON PUSHBACK/TAXI FOR ALL INNER GATES
CS ACCESS-8
2 ENGINE POWEROUT REQUIRED FOR FLIGHTS OFF G 9/G20/G2

OPS RADIO FREQ YFC FREQ OPS PHONE [REDACTED]
ATS FREQ 35.40 ATS PHONE [REDACTED]
MAINT FREQ [REDACTED] MAINT PHONE [REDACTED]
PHONE PATCH FREQ NONE PATCH PHONE NONE
ACARS FREQ N/A GROUND PWR YES GROUND AIR YES

REMARKS
K TRAFFIC FREQ 3.87 OUTBND L-S DE FREQ 30.72
Y TRAFFIC FREQ 29.67 T5 NTL RAMP 29.05
H TRAFFIC FREQ 28.97 G S GNATURE FREQ 30.37
ENY NBOUND FREQ [REDACTED] ENY OUTBOUND FREQ [REDACTED]
L20-24 TFC FREQ 3.70 ENY MAINT [REDACTED]
BRD ACT V TY 27R APPCH END
B757 2L DOOR: K5 K9 K3 K5 K9 K8 K6 K2 H B H 5
B787-8 AND 787-9 L DOOR: H 5
PCA OTS K8
KVA OTS K6 K6 K9 L2A H 2
***FOR H 8 DPTRS - CTC 28.97 FOR PUSHBACK CLEARANCE ***

UPDATED 024/ NOV [REDACTED]

CVG 046
/FC
* CVG FELD REPORT *

DATE NOV 9 TIME 0522 LOCAL

EXISTING TAA SEE NOTAMS

RWY STATUS CONDITIONS REMARKS
8L /36R OPEN DRY 6/6/6
8C /36C OPEN DRY 6/6/6
8R /36L OPEN DRY 6/6/6
09 /27 OPEN DRY 6/6/6
RAMP/TXWY SURFACE DRY

SPECIAL ADVISORIES
CVG NOW OPERATING OUT OF TERM B GATES B 8, B20, B22, B24, B26
DECKING DS FREQ 29.07 PAD 3
***NEW DOOR CODE [REDACTED] 08MAY 9 TERMINAL [REDACTED] JETWAY DOOR
***NEW OPS NUMBER [REDACTED]

OPS RADIO FREQ 3.60 OPS PHONE [REDACTED]
ATS FREQ 34.375 ATS PHONE 859-767-820
MAINT FREQ MOC MAINT PHONE [REDACTED]
PHONE PATCH FREQ 3.60 PATCH PHONE [REDACTED]
ACARS FREQ 3.60 GROUND PWR YES GROUND AIR YES

REMARKS
*CVG OPERATES TERM 3 GATES B 8, 20, 22, 24, 26
*DECK TRUCK 22.875 PAD 3
*DL RAMP TOWER 30.9 //CTC FOR AC PUSH//
*CVG DOOR COMBO OPS [REDACTED] JETBRIDGE [REDACTED]

*****A RSTART AVA LABLE*****
AA OPERAT NG OUT OF CONCOURSE B AS OF MAY 20 8
*** LARGE FLOCK OF B RDS N THE V C N TY OF THE A RPORT

UPDATED 032 / NOV [REDACTED]

ZTL 0422
F ELD COND T ONS DATA NOT AVA LABLE

Z D 0422
F ELD COND T ONS DATA NOT AVA LABLE

ZAU 0422
F ELD COND T ONS DATA NOT AVA LABLE
END DATA

DE C NG COND T ONS

GSO 04 6
/D

* GSO DE C NG REPORT *

DATE NOV 9 T ME 0522 LOCAL

DE C NG N EFFECT NO A RCRAFT TYPE RJ/S
DE C NG LOCAT ONS TYPE FLU D N USE
PR MARY OFF GATES TYPE DOW UCAR PG
SECONDARY OFF GATES TYPE 4 CLAR ANT SAFEW NG
PRE-TAKEOFF CHECK S TES RAMP
ANT C PATED DE CE/OFF T ME 0 M N

REMARKS

FOR DE C NG CONTACT RAMP [REDACTED]
ALSO CONTACT OPERAT ONS [REDACTED] 3/3 TRUCKS OPERAT ONAL
ALSO TKT COUNTER [REDACTED] 0875 GALS TYPE 600 GAL TYPE
DE CE / ANT - CE PERFORMED OFF GATE AFTER PUSH BACK

COORD NATOR LEAD ON DUTY CS PHONE [REDACTED]

F ight Attendant nformation

ENY FL GHT ATTENDANT FL GHT PLAN NFORMAT ON NOV 9

WELCOME ABOARD AMER CAN EAGLE FL GHT 4 25 TO ORD .

YOUR FL GHT CREW FOR TH S FL GHT S:

CAPTA N [REDACTED]
F RST OFF CER [REDACTED]

FROM GSO TO ORD OUR FLY NG T ME W LL BE 0 HR 54 M N AT AN
ALT TUDE OF 36,000 FEET.

ORD WEATHER COND T ONS

L GHT SNOW SHOWERS M ST CLOUDY

TEMP 29 F -2 C

END