



[ OFF ]

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FX0252 18FEB2023 CYYZ-KMEM MD11 N527FE RELEASE 1056 18FEB23  
OFF 1 LESTER B PEARSON INT-MEMPHIS INTL  
WX PROG 1809 1812 1815 OBS 1806 1806 1806

ATC C/S FX252 CYYZ/YYZ KMEM/MEM CRZ SYS CI 200  
18FEB2023 N527FE 1018/1038 1229/1237 GND DIST 722  
ZARIAH / CF6-80C2D1F STA 1136 AIR DIST 794  
CTOT:.... G/C DIST 706

MAXIMUM TOW 630522 LAW 440925 ZFW 461300 AVG WIND 286/078  
ESTIMATED TOW 451304 LAW 420820 ZFW 380069 AVG W/C M039  
AVG ISA P000  
AVG FF LB/HR 16404  
FUEL BIAS P00.0  
TKOF ALTN .....

ALTN KSTL  
FL STEPS CYYZ/0360/

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DISP RMKS NIL

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PLANNED FUEL

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FUEL ARPT FUEL TIME  
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TRIP MEM 30484 0151  
CONT 15 MIN 4101 0015  
ALTN STL 11919 0045  
FINRES 8769 0045  
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MINIMUM T/OFF FUEL 55273 0336  
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EXTRA 15962 0100  
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T/OFF FUEL 71235 0436  
TAXI YYZ 2000 0020  
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BLOCK FUEL YYZ 73235  
PIC EXTRA .....  
TOTAL FUEL .....  
REASON FOR PIC EXTRA .....

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FMC INFO:  
FINRES+ALTN 20688  
TRIP+TAXI 32484  
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NO TANKERING RECOMMENDED (P)

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I HEREWITH CONFIRM THAT I HAVE PERFORMED A THOROUGH SELF BRIEFING  
ABOUT THE DESTINATION AND ALTERNATE AIRPORTS OF THIS FLIGHT  
INCLUDING THE APPLICABLE INSTRUMENT APPROACH PROCEDURES, AIRPORT  
FACILITIES, NOTAMS AND ALL OTHER RELEVANT PARTICULAR INFORMATION.

DISPATCHER: GERALDINE COMPTON

PIC NAME: BLUE, DAVID

TEL: +1 800 555 0199

PIC SIGNATURE: .....



ALTERNATE ROUTE TO: FINRES 8769  
APT TRK DST VIA FL WC TIME FUEL  
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KSTL/30R 355 244 SELPH7 OHULO DCT BOOSH BOOSH3 400 M018 0045 11919  
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MEL/CDL ITEMS DESCRIPTION  
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ROUTING:

ROUTE ID: DEF RTE  
CYYZ/23 MIXUT6 GNTRY DCT WOOST DCT ROD DCT PXV BLUZZ3 KMEM/27  
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DEPARTURE ATC CLEARANCE:  
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OPERATIONAL IMPACTS  
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WEIGHT CHANGE UP 1.0	TRIP P 0021 LBS	TIME M 0000
WEIGHT CHANGE DN 1.0	TRIP M 0078 LBS	TIME P 0000
FL CHANGE UP FL1	TRIP M 0097 LBS	TIME P 0000
FL CHANGE DN FL1	TRIP M 0182 LBS	TIME M 0000
FL CHANGE DN FL2	TRIP P 0125 LBS	TIME M 0001
SPD CHANGE CI 0	TRIP M 0927 LBS	TIME P 0004
SPD CHANGE CI 200	TRIP P 0000 LBS	TIME P 0000

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ATIS:.  
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RVSM: ALT SYS LEFT:

STBY:

RIGHT:  
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-----TIMES  
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	ESTIMATED	SKED	ACTUAL
OUT	1018Z/0518L	1018Z/0518L	.....Z
OFF	1038Z/0538L	1038Z/0538L	.....Z
ON	1229Z/0629L	1128Z/0528L	.....Z
IN	1237Z/0637L	1136Z/0536L	.....Z
BLOCK TIME	0219	0118	.....

  
-----WEIGHTS  
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	EST	MAX	ACTUAL	
PAX	24		.....	
CARGO	113.7		.....	
PAYLOAD	117.9		.....	
ZFW	380.1	461.3	.....	
FUEL	73.2	93.3	.....	POSS EXTRA 20.1
TOW	451.3	471.4	LDG.....	
STAB TRIM			.....	
LAW	420.8	440.9	.....	

  
-----TERRAIN CLEARANCE CHECK  
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DD CHECK - TERRAIN CLEARANCE CHECK DISABLED

DP CHECK - TERRAIN CLEARANCE CHECK DISABLED  
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## FLIGHT LOG

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MOST CRITICAL MORA 03300 FEET AT WOOST//MXSHR 05 AT TOD

AWY POSITION IDENT FREQ	LAT LONG	EET TTLT	ETO ATO	FL MORA DIS	IMT ITT RDIS	MN TAS GS	WIND COMP SHR	OAT TDV TRP	EFOB AFOB	PBRN ABRN
LESTER B PE CYYZ	N4340.6 W07937.8	0000	...	31	233 222 722	446	M026		71.2	2.0
MIXUT6 MIXUT MIXUT	N4318.1 W08006.5	0007	...	31	234 224 691	.78 446	286/054 M026	M36 M05 336	65.3	7.9
MIXUT6 LETOR LETOR	N4311.7 W08015.1	0001 0008	...	32 9	253 243 682	.82 456	288/059 M029	M43 M06 336	64.7	8.6
MIXUT6 T O C	N4255.1 W08100.4	0005 0013	...	30 37	252 243 645	.82 471 420	285/066 M051 2	M56 P01 339	62.4	10.8
MIXUT6 PEMBA PEMBA	N4252.4 W08107.6	0000 0013	...	30 6	252 243 639	.84 484 431	284/067 M053 2	M56 P01 340	62.2	11.0
MIXUT6 NUGID NUGID	N4245.8 W08125.2	0002 0015	...	28 15	236 227 624	.84 484 431	284/067 M053 2	M56 P01 340	61.6	11.6
CLEVELAND FIR/UIR -KZOB	N4245.8 W08125.2	0000 0015	...	0	624					
MIXUT6 GNTRY GNTRY	N4230.6 W08147.4	0003 0018	...	28 22	231 222 602	.84 484 439	281/071 M045 4	M56 P01 342	60.8	12.4
DCT WOOST WOOST	N4141.7 W08247.4	0009 0027	...	33 66	222 214 536	.84 484 447	284/070 M037 2	M56 P01 345	58.5	14.8
INDIANAPOLIS FIR/UIR -KZID	N4044.0 W08338.8	0009 0036	...	70	466					
DCT ROSEWOOD ROD 117.50	N4017.3 W08402.6	0005 0041	...	33 32	238 231 434	.84 484 456	287/077 M028 4	M56 P01 347	54.9	18.3
DCT POCKET CITY PXV 113.30	N3755.7 W08745.7	0031 0112	...	26 224	209 205 210	.84 483 429	289/090 M054 1	M57 P00 362	46.8	26.4



AWY POSITION IDENT FREQ	LAT LONG	EET TTLT	ETO ATO	FL MORA DIS	IMT ITT RDIS	MN TAS GS	WIND COMP SHR	OAT TDV TRP	EFOB AFOB	PBRN ABRN
BLUZZ3				360	209	.84	284/090	M57	46.1	27.1
WISNA	N3736.5	0003	...	28	205	483	M025	P00		
WISNA	W08757.5	0115	...	21	189	458	1	378	....	....
MEMPHIS FIR/UIR										
-KZME	N3733.8	0000	...							
	W08759.2	0115	...	0	189					
BLUZZ3				360	209	.84	284/088	M57	44.9	28.3
SUDOE	N3705.2	0004	...	26	205	483	M025	P00		
SUDOE	W08816.4	0119	...	35	154	458	1	386	....	....
BLUZZ3				360	208	.84	281/087	M57	43.1	30.1
CASOT	N3616.4	0007	...	25	205	483	M028	P00		
CASOT	W08845.3	0126	...	54	100	455	4	382	....	....
BLUZZ3				360	207	.84	281/086	M57	43.0	30.2
T O D	N3613.7	0001	...	25	205	483	M028	P00		
	W08846.9	0127	...	3	97	455	5	382	....	....
BLUZZ3				234	229	.79	284/059	M28	42.4	30.8
SPKER	N3543.8	0007	...	25	226		M015	P04		
SPKER	W08904.2	0134	...	33	64	468		382	....	....
BLUZZ3				191	233	.72	281/039	M20	42.2	31.0
BLUZZ	N3536.1	0002	...	24	230		M024	P03		
BLUZZ	W08914.2	0136	...	11	53	424		382	....	....
BLUZZ3				153	229	.66	274/019	M11	42.0	31.2
COPEN	N3530.0	0003	...	24	226		M014	P05		
COPEN	W08923.4	0139	...	10	43	408		388	....	....
BLUZZ3									40.7	32.5
MEMPHIS INT	N3502.5	0012	...							
KMEM	W08958.6	0151	...	43					....	....

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WIND INFORMATION  
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## CLIMB

350 286/068 -57  
310 291/068 -52  
200 283/052 -29  
150 280/058 -18  
100 274/048 -10

## T O C

400 278/062 -55  
380 281/063 -56  
360 284/067 -56  
340 287/070 -57  
320 290/069 -54

## PEMBA

400 278/062 -55  
380 281/063 -56  
360 284/067 -56  
340 287/070 -57  
320 290/069 -54

## NUGID

400 278/062 -55  
380 281/063 -56  
360 284/067 -56  
340 287/070 -57  
320 290/069 -54

## GNTRY

400 276/063 -54  
380 278/066 -55  
360 281/072 -56  
340 284/078 -57  
320 286/076 -54

## WOOST

400 278/066 -54  
380 281/068 -55  
360 283/071 -57  
340 286/074 -58  
320 288/073 -54

## ROD

400 282/080 -55  
380 286/084 -56  
360 292/087 -56  
340 297/090 -56  
320 296/082 -53

## PXV

400 279/088 -59  
380 283/089 -60  
360 284/090 -57  
340 286/091 -54  
320 285/085 -49

## WISNA

400 279/088 -59  
380 283/089 -60  
360 284/090 -57  
340 286/091 -54  
320 285/085 -49

## SUDOE

400 280/089 -60  
380 283/090 -60  
360 284/088 -57  
340 284/086 -54  
320 284/081 -49

## CASOT

400 280/098 -60  
380 282/095 -59  
360 281/086 -57  
340 280/078 -54  
320 280/077 -49

## T O D

400 280/098 -60  
380 282/095 -59  
360 281/086 -57  
340 280/077 -54  
320 280/077 -49

## DESCENT

350 280/081 -55  
310 280/076 -46  
200 282/042 -21  
150 270/025 -11  
100 291/007 +00

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**[ ATC Flight Plan ]**-----  
ICAO FLIGHT PLAN  
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FF CZYZZQZX KZOBZQZX KZIDZQZX KZMEZQZX  
181056 CYULSBFP  
(FPL-FX252-IS  
-MD11/H-SDE1E2E3FGHIJ2J3J4J5M1RWXY/LB1D1  
-CYYZ1018  
-N0484F360 MIXUT6 GNTRY DCT WOOST DCT ROD DCT PXV BLUZZ3  
-KMEM0141 KSTL  
-PBN/A1B1C1D1L1O1S2 DOF/230218 REG/N527FE EET/KZOB0015 KZID0036  
KZME0115 CODE/A6A371 OPR/FX PER/D RMK/TCAS)



[ Additional Info ]

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D I S P A T C H   B R I E F I N G   I N F O      FX0252      CYYZ/KMEM





## [ Airport WX List ]

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CYYZ --> KMEM FX 252 / 18FEB2023  
LIDO/WEATHER SERVICE DATE : 18Feb2023 TIME : 10:56 UTC

## AIRMETs:

No Wx data available

## SIGMETs:

No Wx data available

## Tropical Cyclone SIGMETs:

No Wx data available

## Volcanic Ash SIGMETs:

No Wx data available

## Departure:

CYYZ/YYZ LESTER B PEARSON INTL

SA 181000 22008KT 15SM FEW220 M08/M11 A3018 RMK CI2 SLP234

FT 180840 1809/1912 23007KT P6SM SKC

BECMG 1812/1814 21015G25KT

FM181500 25017G27KT P6SM BKN025

BECMG 1822/1824 26008KT

FM190000 26008KT P6SM FEW030 SCT200

BECMG 1900/1902 22008KT

FM190800 20008KT P6SM BKN015 BKN180

RMK NXT FCST BY 181200Z

## Destination:

KMEM/MEM MEMPHIS INTL

SA 180954 00000KT 10SM CLR M01/M06 A3048 RMK AO2 SLP323

T10111056 \$

FT 180904 1809/1912 20003KT P6SM SKC

FM181500 16006KT P6SM FEW250

FM190000 18006KT P6SM BKN150

## Destination Alternates:

KSTL/STL ST LOUIS LAMBERT INTL

SA 181051 21008KT 10SM CLR M01/M09 A3038 RMK AO2 SLP296

T10061094 \$

FT 180857 1809/1912 19006KT P6SM SKC

FM181500 22011KT P6SM FEW250

FM190000 17012KT P6SM OVC090

AIRPORTLIST ENDED



[ NOTAM ]

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LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION  
**VALID: 2302181018 - 2302181622** STD(EOBT)+TRIP+ALTN+3HRS  
FX 252 /18FEB OFP-NR: 1  
ROUTE: CYYZ - KMEM ALTN: KSTL  
N0484F360 MIXUT6 GNTRY DCT WOOST DCT ROD DCT PXV BLUZZ3

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**DEPARTURE AIRPORT - DETAILED INFO**

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**CYYZ/YYZ LESTER B PEARSON INTL**

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+++++ AIRPORT +++++

**S0106/23**

RSC 05 6/6/6 DRY, DRY, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1035 - FEB 18 1835.  
RSC 23 6/6/6 DRY, DRY, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1035 - FEB 18 1835.  
RSC 06L 6/6/6 DRY, DRY, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1026 - FEB 18 1826.  
RSC 24R 6/6/6 DRY, DRY, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1026 - FEB 18 1826.  
RSC 06R 6/6/6 DRY, DRY, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1026 - FEB 18 1826.  
RSC 24L 6/6/6 DRY, DRY, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1026 - FEB 18 1826.  
RSC 15L 6/6/5 DRY, 25 PCT WET, 50 PCT WET. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1030 - FEB 18 1830.  
RSC 33R 5/6/6 50 PCT WET, 25 PCT WET, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1030 - FEB 18 1830.  
RSC 15R 6/6/6 DRY, DRY, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1038 - FEB 18 1838.  
RSC 33L 6/6/6 DRY, DRY, DRY. CHEMICAL RESIDUE PRESENT. VALID FEB 18 1038 - FEB 18 1838.  
ADDN NON-GRF/TALPA INFO:

**D0305/23**

**TWY D** BTN C4 AND E,  
**TWY D4** BTN C AND D,  
**TWY C2** BTN C AND D **CLSD**.

**D0273/23**

**TAXIWAY** CENTRE LINE LIGHTS MIXED TECHNOLOGY (INCANDESCENT AND LED) ON LOW VIS ROUTES STRAIGHT SECTIONS ONLY

**D0094/23**

LOW VIS PROC **TWY D6** NOT AUTH WHEN RVR LESS THAN 1200FT

**G2891/22**

OPR TRIAL OF NEW ANGLED **RWY** HOLD  
POSITION IN EFFECT ON **TWY D4** AND **TWY D5**,  
SOUTH OF **RWY 06L/24R**,  
REFER TO AIC 15/21

**D3626/22**

**TWY B** BTN **TWY J** AND **RWY 05/23** NOT AUTH TO ACFT WITH WINGSPAN GREATER THAN 213FT

**D3613/22**

AMEND PUBLICATIONS :  
APN TAXILANE NUMBER CHANGE:  
TAXILANE 11E RENAMED TO TAXILANE 11  
TAXILANE 13E RENAMED TO TAXILANE 12

**D3610/22**

ACFT UNABLE TO DEP **RWY 05** FM **TWY H6**  
SHALL ADVISE CLR DELIVERY ON INITIAL CTC

+++++ RUNWAY +++++

**D0162/23**

LAST 588FT **RWY 33L** NOT AVBL FOR TKOF DUE TO OBST NW OF **AD**.  
DECLARED DIST WITH **RWY 33L** TKOF LENGTH REDUCED:  
**RWY 33L** TORA 8500 TODA 8500 ASDA 8500 LDA 7912

**D3629/22**

LAST 1595FT **RWY 15L** NOT AVBL FOR TKOF AND LDG **RWY 15L**.  
ADVISE ATC IF FULL LENGTH REQUIRED AS PER PUB DECLARED DIST IN CAP  
FOR DEP CTC ATC ON CLR DELIVERY. FOR ARR CTC YYZ TERMINAL.  
DECLARED DIST:  
**RWY 15L** TORA 9291 TODA 9291 ASDA 9291 LDA 9291

+++++ APPROACH PROCEDURES +++++

**D0323/23**

**ILS GP RWY 23 U/S**

**D3436/22**

**ILS RWY 15R** APCH:  
ILS/DME MINIMA TO READ: 1052 (500) 1 1/4  
LOC/DME MINIMA TO READ: 1060 (508) 1 RVR 50  
MISSED APCH INSTRUCTION TO READ:  
CLIMB TO 1300 HDG 147 DEG THEN CLIMBING  
RIGHT TURN TO 3000 TO INTERCEPT OUTBOUND YYZ RDL 189 TO PETVO  
RNAV (GNSS) Z **RWY 15R** APCH:  
LPV MINIMA TO READ: 1051 (500) 1 1/4  
LNAV/VNAV MINIMA TO READ: 1051 (500) 1 1/4  
LNAV MINIMA TO READ: 1060 (509) 1 RVR 50  
DIST/ALT TABLE: LAST ALT TO READ 1.4/1060 INSTEAD OF 1.2/980  
MISSED APCH INSTRUCTION TO READ: CLIMB TO 1300 HDG 147 DEG THEN  
CLIMBING RIGHT TURN TO 3000 DIRECT TO PETVO  
**ILS RWY 33L** APCH:  
**ILS** MINIMA TO READ: 1048 (500) 1 1/4  
LOC/DME MINIMA TO READ: 1060 (512) 1 RVR 50  
DIST/ALT TABLE: LAST ALT TO READ 1.6/1060 INSTEAD OF 1.1/900  
MISSED APCH INSTRUCTION TO READ:  
CLIMB TO 1300 HDG 327 DEG CLIMBING LEFT TURN TO  
3000 HDG 257 DEG THEN INTERCEPT OUTBOUND YYZ RDL 287 TO IKDOT  
RNAV (GNSS) Z **RWY 33L** APCH:  
LPV MINIMA TO READ: 1046 (500) 1 1/4  
LNAV/VNAV MINIMA TO READ: 1046 (500) 1 1/4  
LNAV MINIMA TO READ: 1060 (514) 1 RVR 50  
DIST/ALT TABLE: LAST ALT TO READ 1.4/1060 INSTEAD OF 1.4/1040  
MISSED APCH INSTRUCTION TO READ:  
CLIMB TO 1300 HDG 327 DEG THEN CLIMBING  
LEFT TURN TO 3000 DIRECT TO IKDOT



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DESTINATION AIRPORT - DETAILED INFO

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KMEM/MEM          MEMPHIS INTL

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+++++ AIRPORT +++++

A1414/23    VALID: 18-FEB-23 1300 - 18-FEB-23 2030

MEM TWY P BTN TWY N AND TWY J CLSD

02/228

RWY 27 2000FT DIST REMAINING SIGN LGT U/S

02/227

RWY 09 6000FT DIST REMAINING SIGN LGT U/S

02/226

RWY 36C 2000FT DIST REMAINING SIGN LGT U/S

02/225

RWY 18C 9000FT DIST REMAINING SIGN LGT U/S

02/224

RWY 27 7000FT DIST REMAINING SIGN LGT U/S

02/223

RWY 09 1000FT DIST REMAINING SIGN LGT U/S

02/222

RWY 18L 4000FT DIST REMAINING SIGN LGT U/S

02/221

RWY 36R 5000FT DIST REMAINING SIGN LGT U/S

02/220

TWY H HLDG PSN SIGN WEST SIDE FOR RWY 18C/36C LGT  
U/S

02/217

RWY 18C 6000FT DIST REMAINING SIGN LGT U/S

02/216

RWY 36C 5000FT DIST REMAINING SIGN LGT U/S

01/473

TWY P HLDG PSN SIGN WEST SIDE FOR RWY 18L/36R LGT  
U/S

01/471

TWY D HLDG PSN SIGN WEST SIDE FOR APCH END RWY 18L  
LGT U/S

01/168

RWY 36L 4000FT DIST REMAINING SIGN LGT U/S

01/167

RWY 18R 5000FT DIST REMAINING SIGN LGT U/S

A0013/23

MON-FRI 1300-2100

MEM TWY V BTN TWY V3 AND TWY C CLSD

01/003

RWY 18R 1000FT DIST REMAINING SIGN LGT U/S

01/002

RWY 36L 8000FT DIST REMAINING SIGN LGT U/S

A8261/22

MEM TWY N BTN TWY M AND TWY M7 CLSD TO ACFT WINGSPAN MORE  
THAN 171.5FT EXC TAX SPEED LESS THAN 15MPH

**A3630/22**

AP RDO ALTIMETER UNREL. AUTOLAND, HUD TO TOUCHDOWN,  
ENHANCED FLT VISION SYSTEMS TO TOUCHDOWN, HEL OPS REQUIRING RDO  
ALTIMETER DATA TO INCLUDE HOVER AUTOPILOT MODES AND **CAT**  
A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT  
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND  
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVES 2021-23-12,  
2021-23-13

+++++ RUNWAY +++++

**A1407/23**

MEM **RWY 36C** PAPI U/S

+++++ APPROACH PROCEDURES +++++

**A8459/22**

MEM IAP MEMPHIS INTL, MEMPHIS, TN.

**ILS OR LOC RWY 18C**, AMDT 1D...

**ILS OR LOC RWY 18L**, AMDT 2D...

**ILS OR LOC RWY 36R**, AMDT 3D...

**ILS OR LOC RWY 9**, AMDT 27B...

**ILS RWY 36R** (CAT II-III), AMDT 3D...

**DME** REQUIRED EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM  
WITH GPS,

**HLI VORTAC OUT OF SERVICE.**

**A3629/22**

**ILS RWY 36C** (CAT II - III), AMDT 3F ...

**ILS RWY 36L** (CAT II - III), AMDT 14E ...

**ILS RWY 36R** (CAT II - III), AMDT 3D ...

PROCEDURE NA EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF  
COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS  
DIRECTIVES 2021-23-12, 2021-23-13

+++++ STAR +++++

**A5936/22**

WILDER ONE ARRIVAL. ALT TRANSITION STARTS AT MKL. ROUTE FM MKL TO  
WLDER IS NOT AUTH. REASON : MKL EXTENDED OUTAGE.

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**DESTINATION ALTERNATE AIRPORT(S)**

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**KSTL/STL ST LOUIS LAMBERT INTL**

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+++++ AIRPORT +++++

**02/100**

**TWY L** EDGE MARKINGS BTN **TWY E** AND **RWY 12R/30L** WEST  
SIDE NOT STD

**02/086**

APRON TXL C CL MARKINGS NOT STD BTN **TWY R** AND **TWY**

**Q**

**02/085**

**TWY T** DIRECTION MARKINGS BTN **TWY A** AND **TWY B** NOT  
STD

**02/084**

**TWY P** HLDG PSN MARKINGS FOR APCH END **RWY 24** NOT  
STD



02/083

TWY E2 HLDG PSN MARKINGS NOT STD

A0727/23

STL APRON TERMINAL TWO AIRLINE RAMP ACCESS 3 WIP MAINT S SIDE 75FT  
ADJ GATE E20 LGTD AND BARRICADED

A0726/23

STL TWY V2 CLSD

A0547/23

STL APRON TXL C EDGE LGT NOT STD

A0465/23

STL APRON CHARLIE PAD WIP OPN EXCAVATION S SIDE LGTD AND  
BARRICADED

A0458/23

STL APRON WIP CONST ABEAM C32 LGTD AND BARRICADED

A0350/23

STL TWY B BTN TWY T AND TWY U NORTH EDGE IRREGULAR SFC

A0349/23

STL TWY V BTN RWY 12R/30L AND TWY V2 WEST EDGE IRREGULAR SFC

A0337/23

STL TWY E RUNUP PAD WIP HVY EQPT SOUTHEAST EDGE LGTD AND  
BARRICADED

A0331/23

STL TWY F BTN TWY P AND TWY S NORTH EDGE IRREGULAR SFC

A0309/23

STL TWY P RUNUP PAD WEST EDGE IRREGULAR SFC

A0290/23

STL TWY E1 BTN TWY E AND RWY 12L/30R NORTHEAST EDGE IRREGULAR SFC

01/222

TWY R BTN TWY D AND TXL C EAST SIDE IRREGULAR SFC

01/204

TWY S HLDG PSN MARKINGS FOR APCH END RWY 12L SOUTH  
SIDE NOT STD

A0142/23

STL TWY K BTN RWY 12L/30R AND TWY E WEST SIDE IRREGULAR SFC

01/007

TWY V CL MARKINGS BTN APCH END RWY 24 AND TWY F  
NOT STD

A0005/23

STL TWY J EDGE LGT BTN TXL C AND TWY D NOT STD

A0004/23

STL TWY L BTN RWY 12R/30L AND TWY D SOUTHEAST SIDE IRREGULAR SFC

01/003

TWY S HLDG PSN MARKINGS FOR APCH END RWY 06 NOT  
STD

A0002/23

STL APRON TERMINAL TWO AIRLINE RAMP WIP MAINT 180FT NORTH GATE E20  
LGTD AND BARRICADED

A0001/23

STL TWY E2 CL LGT U/S

A0231/22

AP RDO ALTIMETER UNREL. AUTOLAND, HUD TO TOUCHDOWN,  
ENHANCED FLT VISION SYSTEMS TO TOUCHDOWN, HEL OPS REQUIRING RDO  
ALTIMETER DATA TO INCLUDE HOVER AUTOPILOT MODES AND CAT  
A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT  
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND  
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVES 2021-23-12,  
2021-23-13 F) SFC G) UNL



+++++ RUNWAY +++++

A0952/23

STL RWY 06/24 SAFETY AREA NOT STD W SIDE BTN RWY 12L/30R AND TWY F

A0951/23

STL RWY 06/24 SAFETY AREA NOT STD W SIDE BTN RWY 12R AND RWY 12L

A0907/23

STL RWY 06/24 SAFETY AREA BTN TWY V AND TWY F NOT STD W SIDE

A0906/23

STL RWY 12R/30L SAFETY AREA BTN RWY 06/24

AND TWY S NOT STD N SIDE

A0905/23

STL RWY 06/24 SAFETY AREA BTN RWY 12R AND

RWY 12L NOT STD E SIDE

A0759/23

STL RWY 06/24 SAFETY AREA NOT STD E SIDE BTN TWY F AND APCH END

RWY 24

A0758/23

STL RWY 11/29 SAFETY AREA NOT STD S SIDE BTN TWY A3 AND TWY A4

A0757/23

STL RWY 12L/30R SAFETY AREA NOT STD S SIDE BTN TWY P AND TWY E2

A0756/23

STL RWY 12R/30L SAFETY AREA S SIDE BTN TWY Q AND

TWY H NOT STD

A0754/23

STL RWY 12R/30L SAFETY AREA N SIDE BTN TWY H AND TWY G NOT STD

A0752/23

STL RWY 12R/30L SAFETY AREA S SIDE BTN TWY V AND RWY 06/24 NOT STD

A0288/23

STL RWY 12L/30R SAFETY AREA NOT STD N BTN TWY S AND RWY 6/24

A0205/23

STL RWY 12R/30L SAFETY AREA NOT STD N SIDE BTN APCH RWY 12R AND

TWY V

A0204/23

STL RWY 12R/30L SAFETY AREA NOT STD S BTN TWY J AND TWY H

A0003/23

STL RWY 12L/30R SAFETY AREA NOT STD E SIDE APCH END RWY30R

A6449/22

STL RWY 30R SEQUENCED FLG LGT U/S

A6192/22

STL RWY 30L BAK-14 ARST SYSTEM U/S

A5560/22

RWY 12R BAK-14 ARST SYSTEM U/S

+++++ SID +++++

A0826/23

STL SID ST LOUIS LAMBERT INTL,

ST LOUIS, MO.

PLESS FIVE DEPARTURE...

NASHVILLE TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE

RNAV SYSTEM WITH GPS,

BNA VOR OUT OF SERVICE.

A0695/23

STL SID ST LOUIS LAMBERT INTL,

ST LOUIS, MO.

ROTRY FIVE DEPARTURE (RNAV)...

BRADFORD TRANSITION: ROTRY TO SKUTR MOCA 2300.

ALL OTHER DATA REMAINS AS PUBLISHED.

**A0191/23**

STL ODP ST LOUIS LAMBERT INTL,  
ST LOUIS, MO.

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...  
TAKE-OFF MINIMUMS **RWY 12R**, 300-1 OR STANDARD WITH MINIMUM CLIMB OF  
308 FT PER NM TO 800. TAKEOFF OBSTACLE NOTES: **RWY 12R**, TEMPORARY  
CRANE, 4008 FT FROM DER, 708 FT RIGHT OF CENTERLINE, 133 AGL/740  
MSL (2021-ACE-4418-OE).

ALL OTHER DATA REMAINS AS PUBLISHED.

**A0190/23**

STL SID ST LOUIS LAMBERT INTL,  
ST LOUIS, MO.

GATEWAY ONE DEPARTURE...

LINDBERGH EIGHT DEPARTURE...

OZARK EIGHT DEPARTURE...

PLESS FIVE DEPARTURE...

TAKE-OFF MINIMUMS **RWY 12R**, 300-1 OR STANDARD WITH MINIMUM CLIMB OF  
308 FT PER NM TO 800. TAKEOFF OBSTACLE NOTES: **RWY 12R**, TEMPORARY  
CRANE, 4008 FT FROM DER, 708 FT RIGHT OF CENTERLINE, 133 AGL/740  
MSL (2021-ACE-4418-OE).

ALL OTHER DATA REMAINS AS PUBLISHED.

**A4651/21**

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...  
TAKE-OFF MINIMUMS **RWY 24**: 300-1 3/8 OR STANDARD WITH MINIMUM  
CLIMB OF 205 FT PER NM TO 800.

ALL OTHER DATA REMAINS AS PUBLISHED.

+++++ APPROACH PROCEDURES +++++

**A0430/23**

STL NAV ILS **RWY 12R** LOC/DME **U/S**

**A0189/23**

STL IAP ST LOUIS LAMBERT INTL,  
ST LOUIS, MO.

RNAV (RNP) Z **RWY 30L**, AMDT 1A...

RNP 0.15 DA 990/HAT 407 ALL CATS. VIS RVR 5000 ALL CATS.

RNP 0.30 DA 1046/HAT 463 ALL CATS. VIS RVR 5000 ALL CATS.

FOR **INOPERATIVE** ALS, INCREASE RNP 0.15 AND RNP 0.30 ALL CATS  
VISIBILITY TO 1 3/8 SM.

TEMPORARY CRANE, 740 MSL, 4282 FT SE OF APCH END **RWY 30L**  
(2021-ACE-4418-OE).

**A6028/22**

STL IAP ST LOUIS LAMBERT INTL,  
ST LOUIS, MO.

RNAV (GPS) **RWY 24**, AMDT 1C...

LNAV/VNAV DA 1015/481 ALL CATS, VIS 1 1/8 ALL CATS.

**A3213/22**

RNAV (GPS) **RWY 6**, AMDT 2...

LNAV/VNAV DA NA ALL CATS.

NOTE: **RWY 6** HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT  
AUTHORIZED.

**A3212/22**

**ILS OR LOC RWY 6**, AMDT 3...

S-ILS 6 DA NA ALL CATS.

**A3204/22**

RNAV (GPS) Y **RWY 12R**, AMDT 1D...

LPV DA 790/HAT 250; LNAV MDA 1020/HAT 480.

**A3205/22**

RNAV (GPS) Y **RWY 30L**, AMDT 2...

LPV DA 911/HAT 328.



**A0228/22**

ILS RWY 11 (CAT II - III), AMDT 1 ...

ILS RWY 12L (CAT II - III), AMDT 6C ...

ILS RWY 30R (CAT II - III), AMDT 12 ...

PROCEDURE NA EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVES 2021-23-12, 2021-23-13

**A4574/21**

RNAV (RNP) Z RWY 30L, AMDT 1A...

RNP 0.15 DA 987/HAT 404 ALL CATS; RNP 0.30 DA 1042/HAT 459 ALL CATS.

**A4573/21**

ILS OR LOC RWY 12R, AMDT 23...

S-ILS 12R DA 790/HAT 250 ALL CATS.

**A4572/21**

ILS OR LOC RWY 30L, AMDT 13...

S-ILS 30L DA 911/HAT 328 ALL CATS.

**A4571/21**

RNAV (GPS) Y RWY 30R, AMDT 2A...

LNAV/VNAV DA 914/HAT 309 ALL CATS; LNAV MDA 1020/HAT 415 ALL CATS.

**A4570/21**

RNAV (RNP) Z RWY 11, ORIG-B...

RNP 0.30 DA 917/HAT 299 ALL CATS, VISIBILITY ALL CATS 3/4.

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**EXTENDED AREA AROUND DEPARTURE**  
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**CZYZ TORONTO FIR**  
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+++++ FIR/UIR +++++

**G0033/23**

ALL ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECTLY OR INDIRECTLY OWNED, CHARTERED, LEASED, OPERATED OR OTHERWISE CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN FEDERATION OR OF BELARUS OR BY A CORPORATION OR ENTITY THAT IS INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION OR BELARUS, AND ALL OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE (AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BELARUSIAN AUTHORITIES ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL AIRSPACE (INCLUDING FLT WITHIN 12NM OF CANADA'S COASTS).

EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INFLIGHT EMERG.

ALL AUTH OBTAINED PRIOR TO 27 FEB 2022 FOR ACFT AND OPS SUBJECT TO THIS NOTAM ARE REVOKED.

HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER FLT SEEKING AN EXCEPTION TO THIS RESTRICTION MUST RECEIVE AUTH GRANTED AFTER 27 FEB 2022 FM THE MINISTER OF TRANSPORT TO OPERATE IN CANADA'S TERRITORIAL AIRSPACE. AFFECTED ACFT WISHING TO OBTAIN SUCH AN AUTH OR CLR INTO CANADA'S TERRITORIAL AIRSPACE MAY APPLY TO THE MINISTER OF TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAIL AT OPERATIONS.AVIATION(AT)TC.GC.CA.

**G2836/22**

LASER LGT OPS DISPLAY WILL TAKE PLACE

421637N 0830527W (APRX 6NM W CYQG AD) ,

GREEN LGT PROJECTED VERTICALLY,

POTENTIAL TO CREATE TEMPO EFFECTS TO VISION.

COCKPIT ILLUMINATION MAY OCCUR BEYOND THIS DIST



+++++ RESTRICTED AIRSPACE +++++

**M0234/23**

BLASTING ACT WILL TAKE PLACE WITHIN  
RADIUS 4NM CENTRED ON 481738N 842721W  
(APRX 13NM NNE HAWK JUNCTION (WATER)AD)  
SFC TO 4950FT AGL  
F) SFC G) 6350FT AMSL

**G2778/22**

MODEL ACFT ACT WILL TAKE PLACE WITHIN  
RADIUS 1NM CENTRE 430556N 795644W  
(APRX 4NM SSW HAMILTON **AD** (CYHM)) SR-SS  
F) SFC G) 700FT AGL

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**EXTENDED AREA AROUND DESTINATION**  
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**KZME                    MEMPHIS FIR/UIR**

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+++++ FIR/UIR +++++

**02/576    VALID: 18-FEB-23 1600 - 18-FEB-23 2200**

AIRSPACE COLUMBUS 3 MOA ACT 8000FT UP TO BUT NOT  
INCLUDING FL180

**02/577    VALID: 18-FEB-23 1600 - 18-FEB-23 2200**

AIRSPACE MERIDIAN 1 EAST MOA ACT 8000FT UP TO BUT  
NOT INCLUDING FL180

**02/184    VALID: 18-FEB-23 1400 - 19-FEB-23 2359**

AIRSPACE PJE WI AN AREA DEFINED AS 8NM RADIUS OF  
JSV SFC-11500FT DLY 1400-2359

**02/572    VALID: 18-FEB-23 1400 - 19-FEB-23 0200**

AIRSPACE MERIDIAN 2 WEST MOA ACT 8000FT UP TO BUT  
NOT INCLUDING FL180

**02/574    VALID: 18-FEB-23 1400 - 19-FEB-23 0200**

AIRSPACE MERIDIAN 2 EAST MOA ACT 8000FT UP TO BUT  
NOT INCLUDING FL180

**02/573    VALID: 18-FEB-23 1400 - 19-FEB-23 0200**

AIRSPACE MERIDIAN 1 WEST MOA ACT 8000FT UP TO BUT  
NOT INCLUDING FL180

**A0039/23**

ZME NAV GPS (FTPKLA GPS 23-08) (INCLUDING WAAS, GBAS,  
AND ADS-B) MAY NOT BE **AVBL** WI A 264NM RADIUS CENTERED AT  
311155N0930619W (AEX 261031) FL400-UNL,  
216NM RADIUS AT FL250,  
151NM RADIUS AT 10000FT,  
106NM RADIUS AT 4000FT AGL,  
54NM RADIUS AT 50FT AGL  
F) SEE TEXT G) SEE TEXT

**A0031/23**

ZME AL..ROUTE ZME.  
V54 TANNE, AL TO ROCKET (RQZ) **VORTAC**, AL MEA 3000.

**A0028/23**

ZME AR..ROUTE ZME.  
V54 MALVE, AR TO LITTLE ROCK (LIT) **VORTAC**, AR MEA 2100.

**A0021/23**

ZME AIRSPACE 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 58NM RADIUS OF 362929N0924103W. AP AIRSPACE AFFECTED MAY  
INCLUDE HRO, FLP, 4M1, BBG, PLK, FWB, AOV, UNO, BPK.  
F) 2000FT G) 5000FT.

**A0340/22**

ZME TN..ROUTE ZME ZTL.  
V67 CHOO CHOO (GQO) **VORTAC**, TN TO SHELBYVILLE (SYI) **VOR/DME**, TN  
MEA 4400.

**A0276/22**

RDO ALTIMETER UNREL WI MEMPHIS ARTCC AIRSPACE  
SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE  
OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT  
MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED  
EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE  
TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE  
2021-23-13 AND DOMESTIC NOTICE  
F) SFC G) 5000FT

**A0279/22**

V74 MALTS, OK TO FORT SMITH (FSM) **VORTAC**, AR MEA 3100.

**A0039/22**

ROUTE ZME.  
V527 HOT SPRINGS (HOT) **VOR/DME**, AR TO HIDER, AR MEA 4500  
SOUTHEASTBOUND.  
V527 HIDER, AR TO ROVER, AR DISREGARD MOCA 3200.

**A0229/21**

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

**10/203**

AIRSPACE UAS WI AN AREA DEFINED AS 361534N0940158W  
(6NM NE ASG) TO 361540N0940309W (5.1NM NE ASG) TO 361315N0940607W  
(2.4NM NE ASG) TO 361335N0941510W (4.6NM SE XNA) TO  
361355N0942000W (3.7NM SSW XNA) TO 361106N0942126W (5.8NM SW XNA)  
TO 360816N0942129W (7.3NM SE SLG) TO 360812N0943053W (3.1NM SSW  
SLG) TO 361030N0943220W (2.4NM SW SLG) TO 361036N0944125W (9.3NM  
WSW SLG) TO 360943N0944125W (9.3NM WSW SLG) TO 360942N0944658W  
(13.6NM WSW SLG) TO 360338N0945323W (8.8NM NE TQH) TO  
355406N0945336W (5.3NM ESE TQH) TO 354850N0945517W (5NM NEN 44M)  
TO 353821N0945924W (5.1NM SW 44M) TO 353732N0944855W (7.9NM SE  
44M) TO 353730N0944414W (8.9NM SW 1PP) TO 353821N0944414W (7.9NM  
SW 1PP) TO 353822N0942822W (10.8NM SE 1PP) TO 354436N0942926W  
(7.3NM ESE 1PP) TO 354422N0941351W (20NM E 1PP) TO 354316N0941354W  
(20NM ESE 1PP) TO 354107N0935720W (11.1NM NW 7M5) TO  
354433N0934627W (13.3NM NE 7M5) TO 354614N0934235W (16.3NM NE 7M5)  
TO 354554N0933422W (18.8NM NE 7M5) TO 355354N0933001W (16.7NM SE  
H34) TO 355442N0933218W (14.4NM SE H34) TO 355544N0934054W (10.3NM  
SE H34) TO 355629N0934400W (8.4NM SSE H34) TO 360015N0934447W  
(4.3NM SSE H34) TO 360236N0934608W (2.3NM SW H34) TO  
360653N0934613W (1NM NW H34) TO 361119N0934757W (6NM NNW H34) TO  
361353N0935048W (9NM NW H34) TO 361528N0935607W (9.6NM NE ASG) TO  
361518N0940113W (6NM NE ASG) TO POINT OF ORIGIN SFC-200FT AGL

**A0159/21**

ROUTE ZME ZFW.  
V532 AKINS, OK TO OKMULGEE (OKM) **VOR/DME**, OK MOCA 2300.

**A0141/21**

V18 MAGNOLIA (MHZ) **VORTAC**, MS R-094 TO FANEN INT, MS **DME** REQUIRED  
EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.  
MCB **VOR** R-014 **UNUSABLE**.



05/328

AIRSPACE AEROBATIC ACFT WI AN AREA DEFINED AS 1NM  
RADIUS OF BNA297025 SFC-3500FT AVOIDANCE ADZ DLY SR-SS

A0077/21

ROUTE ZME ZFW.

V397 MONROE (MLU) **VORTAC**, LA TO RUTTS, AR MOCA 1900.

A0058/21

V303, V532 BLURB, AR TO BLIMP, AR MEA 4100 NORTHWEST BOUND, 5000  
SOUTHEAST BOUND.

PGO **VORTAC** R-076/D54DME USUABLE 5000-17500.

A0057/21

V303 HOT SPRINGS (HOT) **VOR/DME**, AR TO BLURB, AR MEA 5000 NORTHWEST  
BOUND, 3500 SOUTHEAST BOUND.

PGO **VORTAC** R-076/D54DME USUABLE 5000 17500.

01/234

AIRSPACE UAS WI AN AREA DEFINED AS .6NM RADIUS OF  
321816N0905135W (5.2NM NE VKS) SFC-400FT AGL

+++++ RESTRICTED AIRSPACE +++++

02/563 **VALID: 18-FEB-23 0201 - 18-FEB-23 1159**

AIRSPACE R2104A ACT SFC-3000FT

12/408

AIRSPACE R3701A ACT SFC-5000FT

12/407

AIRSPACE R3702A ACT SFC-10000FT

12/406

AIRSPACE R3702B ACT 10000FT-FL220

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**EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)**  
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**KZKC KANSAS CITY FIR/UIR**

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+++++ FIR/UIR +++++

02/200

AIRSPACE UAS WI AN AREA DEFINED AS 7NM RADIUS OF  
384411N0885818W (5.4NM N SLO) SFC-400FT DLY 1400-2300

3/0687

KS..AIRSPACE WASHINGTON, KS..TEMPORARY FLIGHT  
RESTRICTIONS WI AN AREA DEFINED AS 2 NM RADIUS OF 395002N0965959W  
(PWE234042.7) SFC-2000FT AGL OIL LEAK. PURSUANT  
TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE  
IN EFFECT. ONLY RELIEF ACFT OPS UNDER **DIRECTION** OF DAVID  
MANN ARE AUTH IN THE AIRSPACE. DAVID MANN TEL 403-466-3597 IS IN  
CHARGE OF ON SCENE EMERG RESPONSE ACT.  
KANSAS CITY /ZKC/ ARTCC TEL 913-254-8500 IS THE FAA  
CDN FACILITY.

A0043/23

ZKC IL..ROUTE ZKC ZAU.

V67 SPINNER (SPI) **VORTAC**, IL TO BURLINGTON (BRL) **VOR/DME**, IA MOCA  
2300.

**A0027/23**

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS  
375430N1014710W (LAA100046.0) TO 382448N1004901W (GCK341030.0) TO  
375255N1001748W (DDC270013.9) TO 372908N1010847W (GCK207032.8) TO  
POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER  
DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES,  
SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG  
NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF  
COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS  
DIRECTIVE 2021-23-13

**A0029/23**

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS  
392827N0984727W (TKO221031.6) TO 403106N0933009W (LMN095021.7) TO  
404711N0914051W (OTM110032.7) TO 400015N0894556W (SPI339010.7) TO  
395954N0881637W (CMI178002.2) TO 395158N0880838W (CMI146011.8) TO  
382831N0880520W (BIB142032.4) TO 380752N0881416W (PXV296025.6) TO  
374323N0881927W (PXV242029.3) TO 373224N0884635W (CNG002032.0) TO  
370803N0903806W (FAM210037.6) TO 364110N0932335W (HRO335023.7) TO  
362654N0943915W (RZC291028.5) TO 361253N0952355W (TUL079018.9) TO  
360107N0953704W (TUL134013.5) TO 355222N0960256W (OKM313014.0) TO  
353815N0962433W (OKM255026.7) TO 352709N0970527W (IRW070026.0) TO  
352927N0973435W (IRW004008.1) TO 355442N0975300W (END171026.1) TO  
354932N0982924W (END217041.7) TO 363223N0970320W (PER152013.4) TO  
382026N0984155W (HYS128040.8) TO POINT OF ORIGIN SFC-5000FT AGL.  
HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE  
INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND  
**CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT  
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND  
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

**A0028/23**

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS  
392535N0985319W (TKO222037.0) TO 384308N0985600W (HYS106017.8) TO  
382657N0992118W (HYS179024.2) TO 385421N0995245W (HLC135026.7) TO  
POINT OF ORIGIN SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER  
DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES,  
SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG  
NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF  
COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS  
DIRECTIVE 2021-23-13

**A0030/23**

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS  
355045N1000218W (MMB184030.9) TO 361623N1011015W (MMB256062.6) TO  
365447N1012653W (GCK199069.5) TO 372516N1011849W (GCK212040.9) TO  
371745N1003442W (GCK158038.1) TO POINT OF ORIGIN SFC-5000FT AGL.  
HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE  
INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND  
**CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT  
USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND  
INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13

**01/259**

AIRSPACE HIGH SPEED ACFT WI AN AREA DEFINED AS  
100NM RADIUS OF ICT SFC-10000FT DLY SR-SS

**01/150**

AIRSPACE HIGH SPEED ACFT WI AN AREA DEFINED AS  
100NM RADIUS OF ICT SFC-10000FT DLY SR-SS

**01/052**

AIRSPACE HIGH SPEED ACFT WI AN AREA DEFINED AS  
MAP021060 TO FAM022028 TO FAM107045 TO FAM206035 TO MAP214060 TO  
MAP214053 TO MAP268035 TO MAP287044 TO MAP316036 TO MAP347040 TO  
MAP011049 TO POINT OF ORIGIN SFC-10000FT AVOIDANCE ADZ



01/051

AIRSPACE HIGH SPEED ACFT WI AN AREA DEFINED AS  
UIN357045 TO UIN077071 TO UIN079107 TO UIN093100 TO UIN112085 TO  
UIN171053 TO UIN217037 TO UIN253057 TO UIN280063 TO POINT OF  
ORIGIN SFC-10000FT AVOIDANCE ADZ

A0010/23

ZKC IA..ROUTE ZKC ZAU.  
V52 OTTUMWA (OTM) **VOR/DME**, IA TO LOAMY, MO NA EXCEPT FOR ACFT  
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.  
OTM **VOR/DME** R-140, 21NM TO COP **UNUSABLE**.

A0009/23

ZKC MO..ROUTE ZKC.  
V52 LOAMY, MO TO QUINCY (UIN) **VORTAC**, IL MEA 2700.  
OTM **VOR/DME** 1643 TOWER (17-001519).

A0346/22

ZKC OK..ROUTE ZKC.  
V14 TOTES, OK TO DROPS, OK MOCA 3100.

A0345/22

ZKC MO..ROUTE ZKC.  
V14, V88 VICHY (VIH) **VOR/DME**, MO TO STEER, MO MOCA 2400.

A0315/22

V74 MALTS, OK TO FORT SMITH (FSM) **VORTAC**, AR MEA 3100.

A0290/22

V173 SPINNER (SPI) **VORTAC**, IL TO PEOTONE (EON) **VORTAC**, IL MOCA  
2400.

A0161/22

V280 MITBEE (MMB) **VORTAC**, OK R-015 TO CARKO INT, KS MEA 4100.

A0119/22

V77 FLOSS INT, KS TO WILSY INT, KS MOCA 3000.

A0083/22

V190 MITBEE (MMB) **VORTAC**, OK R-049 TO CARON, OK MOCA 4100.

A0296/21

ROUTE ZKC ZDV.  
V132 RANSO INT, KS TO ORION INT, KS MOCA 4500.

A0288/21

V77 WICHITA (ICT) **VORTAC**, KS TO FLOSS INT, KS NA BELOW 4000.  
ICT **VORTAC** R-035 **UNUSABLE**.

A0248/21

V532 SALINA (SLN) **VORTAC**, KS TO COP MEA 6000.

A0207/21

ROUTE ZKC.  
V508 TOPEKA (TOP) **VORTAC**, KS TO RUGBB, KS MEA 2900.

A0205/21

ROUTE ZKC ZMP.  
V532 SALINA (SLN) **VORTAC**, KS TO LINCOLN (LNK) **VORTAC**, NE MOCA  
3100.

A0173/21

ROUTE ZKC.  
V132, V502 DISKS, KS TO HUTCHINSON (HUT) **VOR/DME**, KS MOCA 3400.

A0172/21

ROUTE ZKC.  
V502 BRAYMER (BQS) **VOR/DME**, MO TO KIRKSVILLE (IRK) **VORTAC**, MO MEA  
3000.

A0092/21

V17 GARDEN CITY (GCK) **VORTAC**, KS TO COFFE, KS MOCA 4700.

+++++ RESTRICTED AIRSPACE +++++

02/276

AIRSPACE R4501C ACT 2200FT-5000FT





02/275

AIRSPACE R4501D ACT 5000FT-12000FT

02/274

AIRSPACE R4501H ACT SFC-3200FT

02/273

AIRSPACE R4501E ACT 12000FT-FL180

02/272 **VALID: 18-FEB-23 0601 - 18-FEB-23 1259**

AIRSPACE R4501F ACT SFC-3200FT

02/350 **VALID: 18-FEB-23 0601 - 18-FEB-23 1229**

AIRSPACE R4501B ACT SFC-4300FT

02/351 **VALID: 18-FEB-23 0601 - 18-FEB-23 1229**

AIRSPACE R4501A ACT SFC-2199FT

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**AREA ENROUTE DEPARTURE - DESTINATION**  
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**KZOB CLEVELAND FIR/UIR**  
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+++++ FIR/UIR ++++++

**A0017/23**

ZOB WV..ROUTE ZOB ZDC.

V44 KEYER, WV CROSS KEYER AT 6000 WHEN USING **DME** FROM MGW **VORTAC** EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.MGW **VORTAC UNUSABLE** BELOW 6000 AT KEYER.**A0012/23**

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 24NM RADIUS OF 432038N0851002W. AP AIRSPACE AFFECTED MAY INCLUDE 6D6, 13C.

F) SFC G) 1000FT

**A0002/23**

ZOB WV..ROUTE ZOB ZDC.

V44 MORGANTOWN (MGW) **VOR/DME**, WV TO KEYER, WV MEA 5400.**A0229/22**

RDO ALTIMETER UNREL WI CLEVELAND ARTCC AIRSPACE

SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE 2021-23-13 AND DOMESTIC NOTICE

F) SFC G) 5000FT

**A0209/22**V252 GENESEO (GEE) **VOR/DME**, NY TO GIBBE, NY MEA 4500.**A0178/22**

ROUTE ZOB ZAU.

V6 GIPPER (GIJ) **VORTAC**, MI R-092 TO MODEM, IN MEA 5000.**A0079/21**

ROUTE ZOB.

V103 ATWOO INT, OH TO AKRON (ACO) **VOR/DME**, OH MEA 3100.**A0053/21**

ROUTE ZOB.

V117 BELLAIRE (AIR) **VOR/DME**, OH R-051 TO WISKE INT, WV NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.BSV **VOR** R-140 **UNUSABLE** AT WISKE INT.

**KZID INDIANAPOLIS FIR/UIR**

+++++ FIR/UIR +++++

**A0012/23**

ZID IN..ROUTE ZID.  
V53 HOUSE, IN MCA 10000 SOUTHEASTBOUND.  
IIU **VORTAC** R-332 AT 64NM **UNUSABLE** BELOW 10000.

**A0268/22**

ZID WV..ROUTE ZID.  
V44 PARKERSBURG (JPU) **VOR/DME**, WV R-241 TO YORK (YRK) **VORTAC**, KY  
R-062 NA SOUTHWESTBOUND EXCEPT FOR ACFT EQUIPPED WITH SUITABLE  
RNAV SYSTEM WITH GPS.

**11/182**

OBST STACK (ASN UNKNOWN) 383820N0834147W (5.9NM NE  
FGX) 830FT (299FT AGL) NOT LGTD

**A0257/22**

RDO ALTIMETER UNREL WI INDIANAPOLIS ARTCC AIRSPACE  
SFC-5000FT AGL. HEL OPS REQUIRING RDO ALTIMETER DATA TO INCLUDE  
OFFSHORE INSTRUMENT OPS, HOVER AUTOPILOT MODES, SAR AUTOPILOT  
MODES, AND **CAT** A/B/PERFORMANCE CLASS TKOF AND LDG NOT AUTHORIZED  
EXC FOR ACFT USING APPROVED ALTERNATIVE METHODS OF COMPLIANCE DUE  
TO 5G C-BAND INTERFERENCE PLUS SEE AIRWORTHINESS DIRECTIVE  
2021-23-13 AND DOMESTIC NOTICE  
F) SFC G) 5000FT

**A0190/22**

ROUTE ZID.  
V171 LOUISVILLE (IIU) **VORTAC**, KY MCA 7000 NORTHWESTBOUND.

**A0144/22**

ROUTE ZID.  
V310 LOUISVILLE (IIU) **VORTAC**, KY R-131 TO UNCKL, KY MEA 9000  
EXCEPT FOR AIRCRAFT WITH SUITABLE RNAV SYSTEM WITH GPS.

**A0135/22**

ROUTE ZID.  
V171 MCFEE INT, KY TO LOUISVILLE (IIU) **VORTAC**, KY MEA 9000 EXCEPT  
FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

**A0138/22**

ROUTE ZID.  
V51 LIVINGSTON (LVT) **VOR/DME**, TN R-350 TO LOUISVILLE (IIU) **VORTAC**,  
KY R-167 MEA 7000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV  
SYSTEM WITH GPS.

**A0054/21**

ROUTE ZID.  
V178 MAUDD, KY MCA 3400 EASTBOUND.

**A0053/21**

ROUTE ZID.  
V178 MCFEE, KY MCA 3400 WESTBOUND.

+++++ RESTRICTED AIRSPACE +++++

**02/271 VALID: 18-FEB-23 0501 - 18-FEB-23 1059**

AIRSPACE R3704A ACT SFC-10000FT

**12/477**

AIRSPACE R3404 ACT SFC-4100FT

**KZME MEMPHIS FIR/UIR**

Please see section EXTENDED AREA AROUND DESTINATION





[ Company NOTAM ]

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**CREW ALERT**

**SB007/14**

SUBJECT: AUTO COST INDEXES

WHEN PLANNING A COST INDEX, 2 OPTIONS ARE AVAILABLE. PILOTS MAY EITHER SELECT A SPECIFIC COST INDEX NUMBER FROM THE LIST, OR THEY MAY SELECT "AUTO". WHEN PLANNING AN "AUTO" COST INDEX, THE SYSTEM WILL REFERENCE THE SCHEDULED "TIME ENROUTE" OPTION AND ATTEMPT TO CHOOSE A COST INDEX WHICH CLOSELY MATCHES THIS VALUE. NOTE THAT THE "TIME ENROUTE" OPTION IS MEANT AS A GATE TO GATE TIME (AS INDICATED ON AN AIRLINE'S FLIGHT SCHEDULE, FOR EXAMPLE). IF A "TIME ENROUTE" OF 2:30 IS SELECTED, THE SYSTEM WILL SUBTRACT THE TAXI TIMES FROM THIS VALUE TO DETERMINE THE SCHEDULED AIR TIME. IT WILL THEN DETERMINE AND USE THE COST INDEX WHICH MATCHES THIS AIR TIME.

**SB003/13**

SUBJECT: FLIGHT RELEASE UNITS

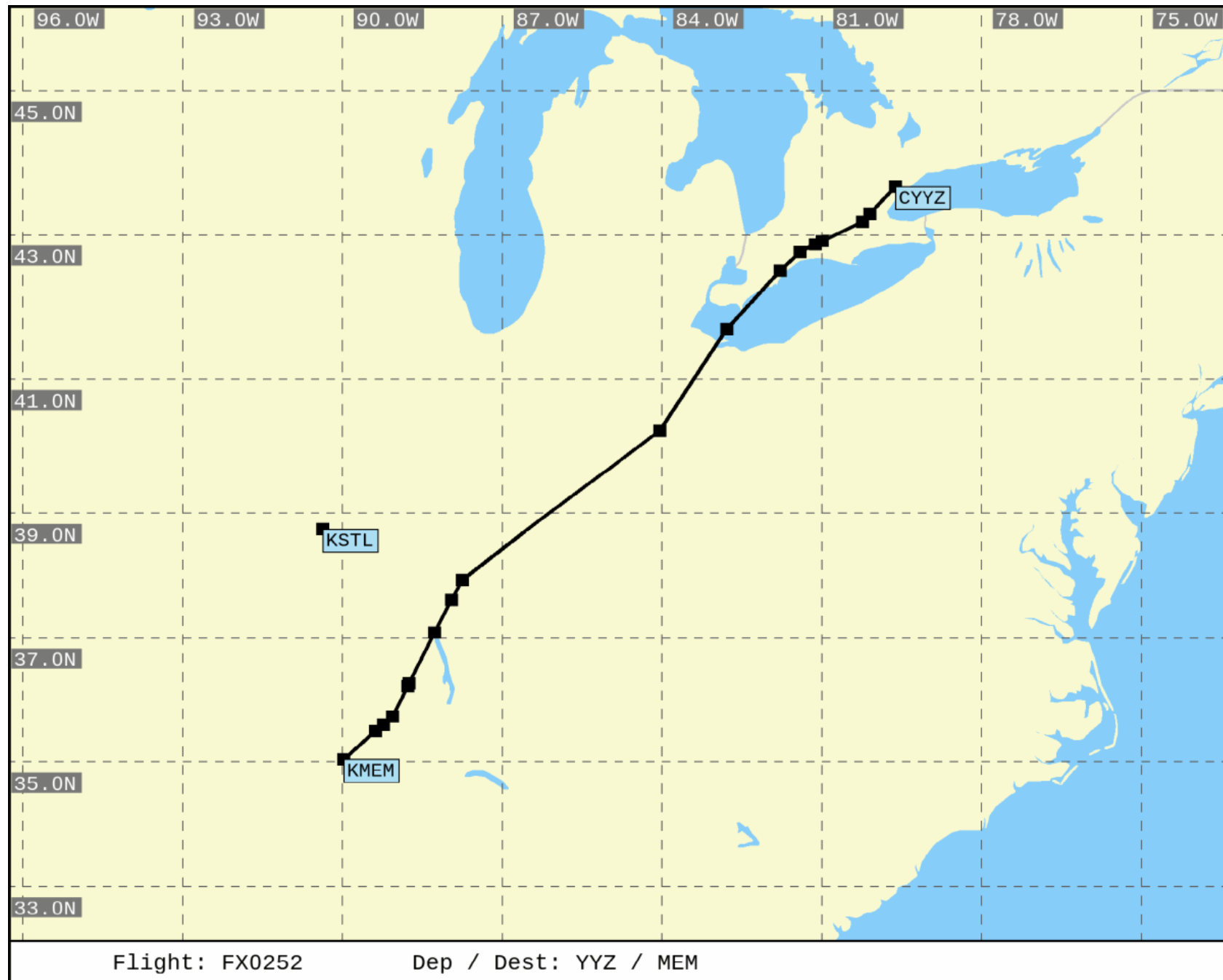
ALL FLIGHT CREW: PLEASE PAY SPECIAL ATTENTION TO THE UNITS SELECTION WHEN GENERATING A FLIGHT PLAN. FAILURE TO IDENTIFY THE CORRECT UNITS WHEN REFUELING PRIOR TO FLIGHT CAN RESULT IN DEPARTING WITH INSUFFICIENT FUEL AND/OR AN ERRONEOUS PAYLOAD.

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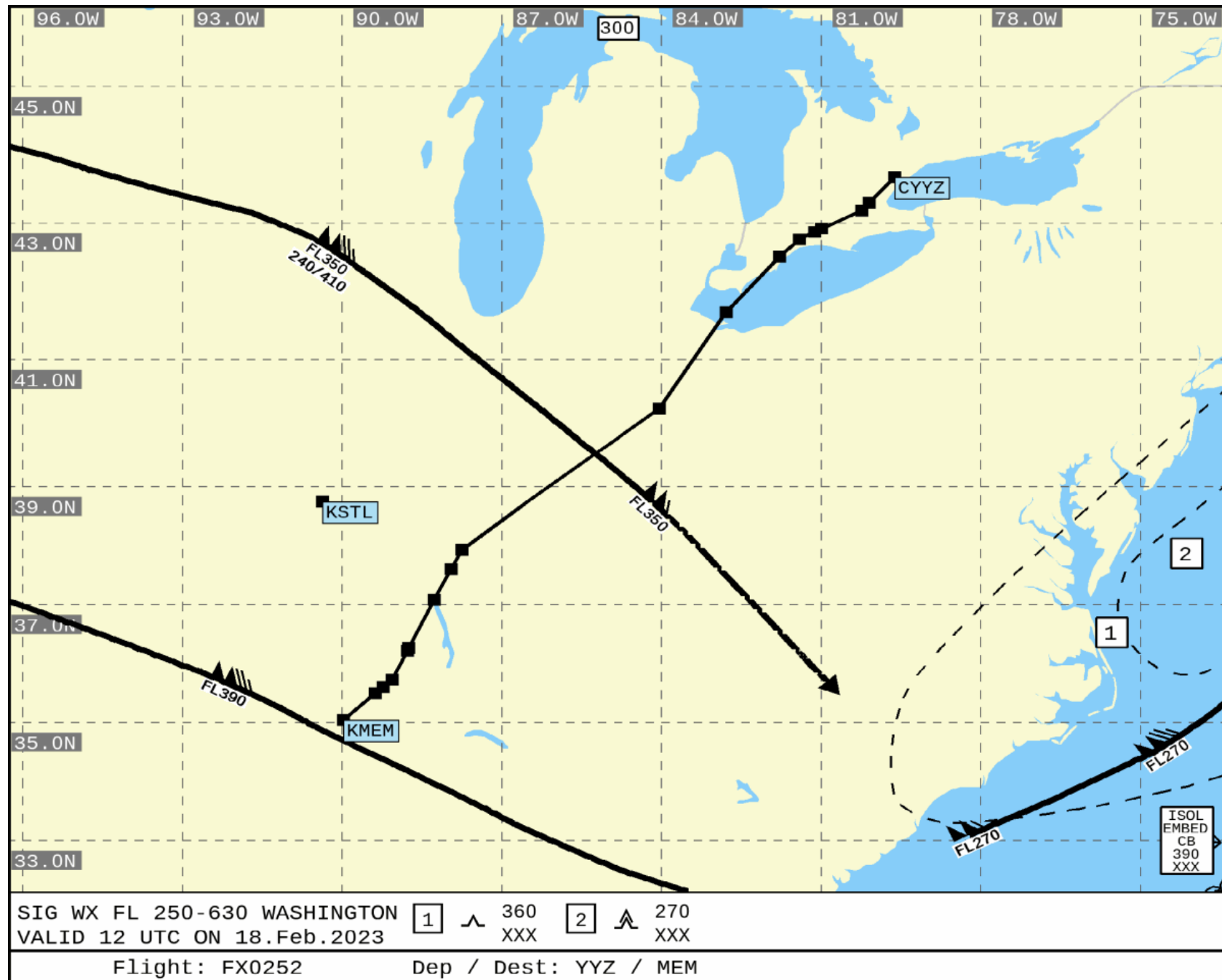
**CREW BULLETIN**

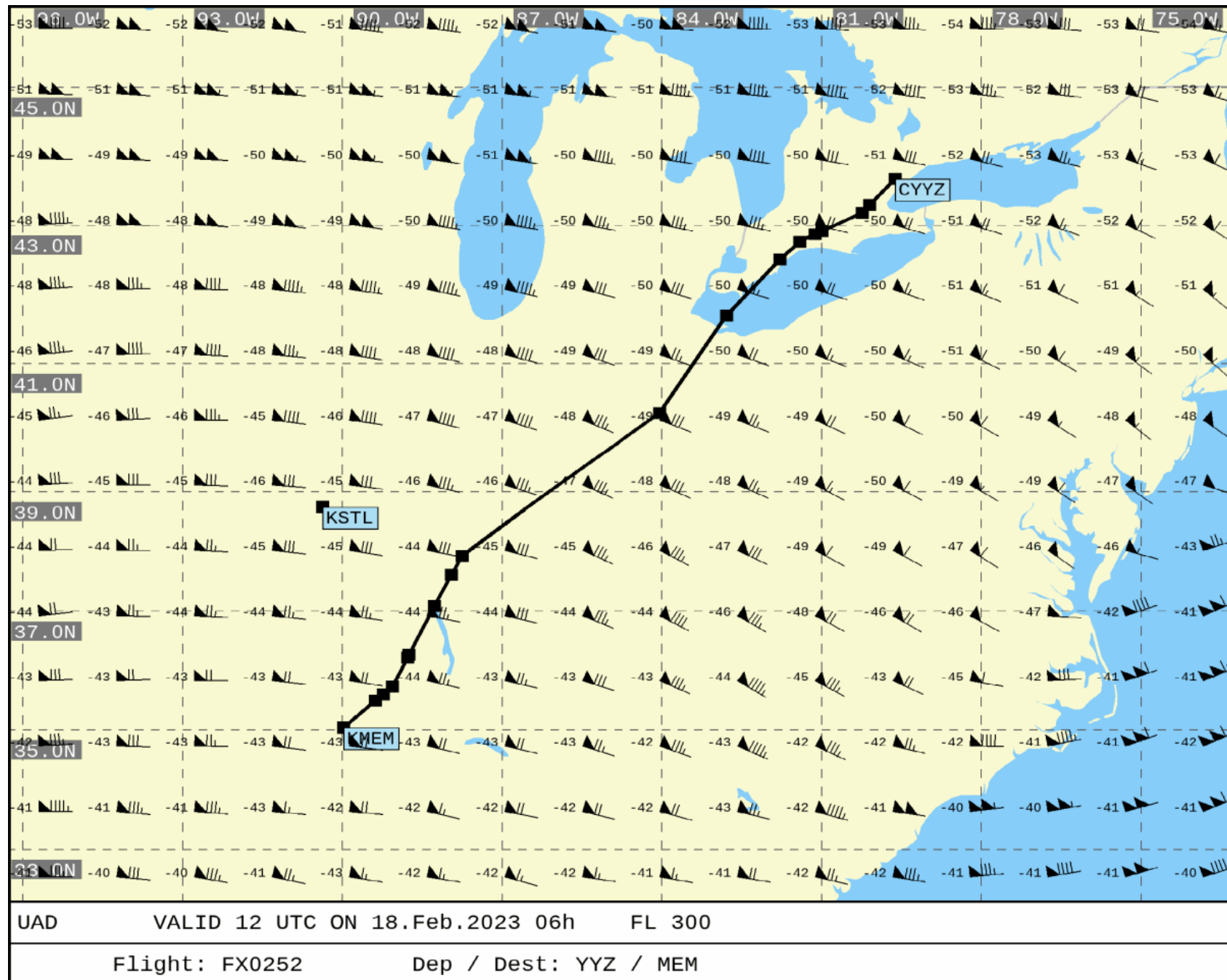
NIL

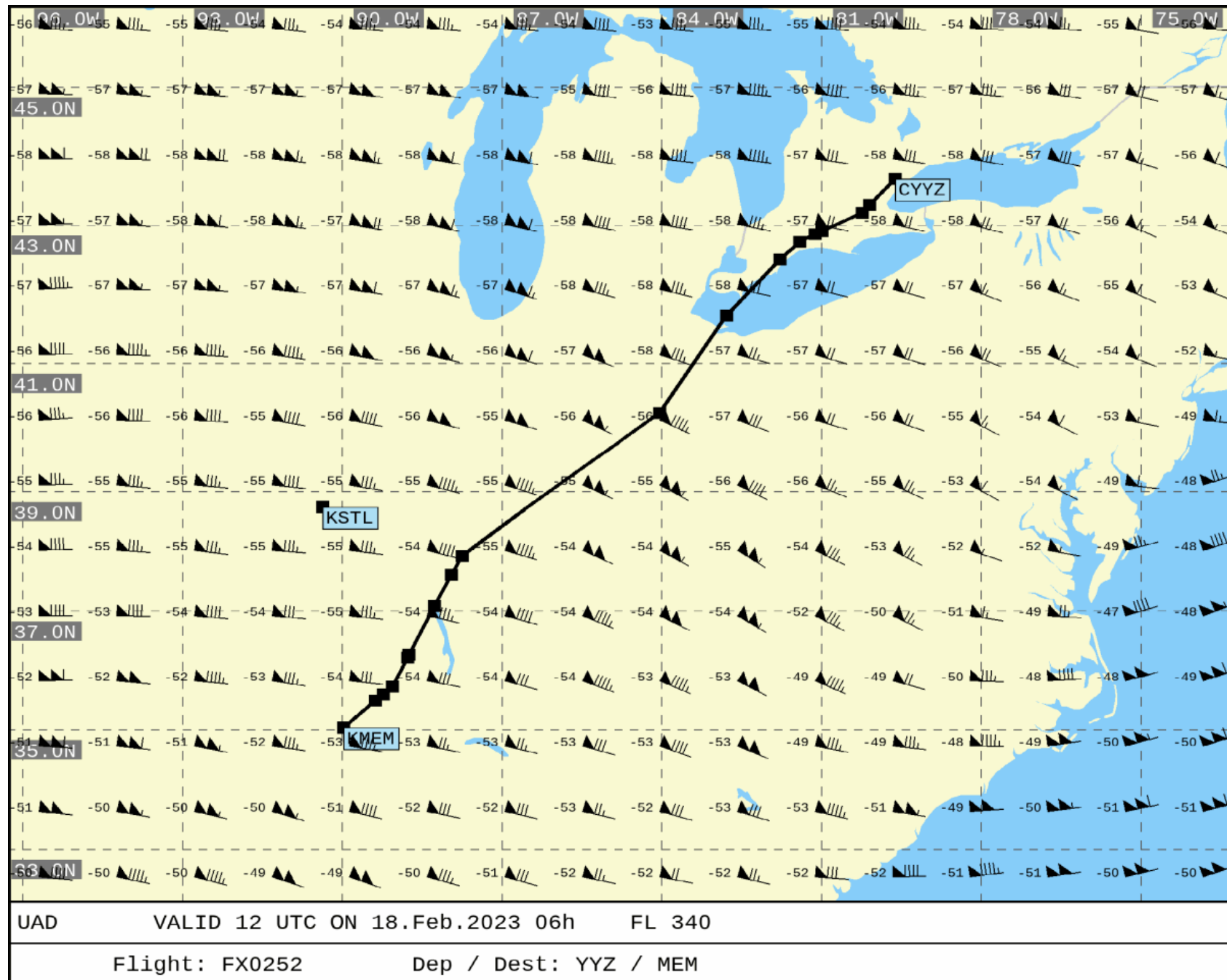
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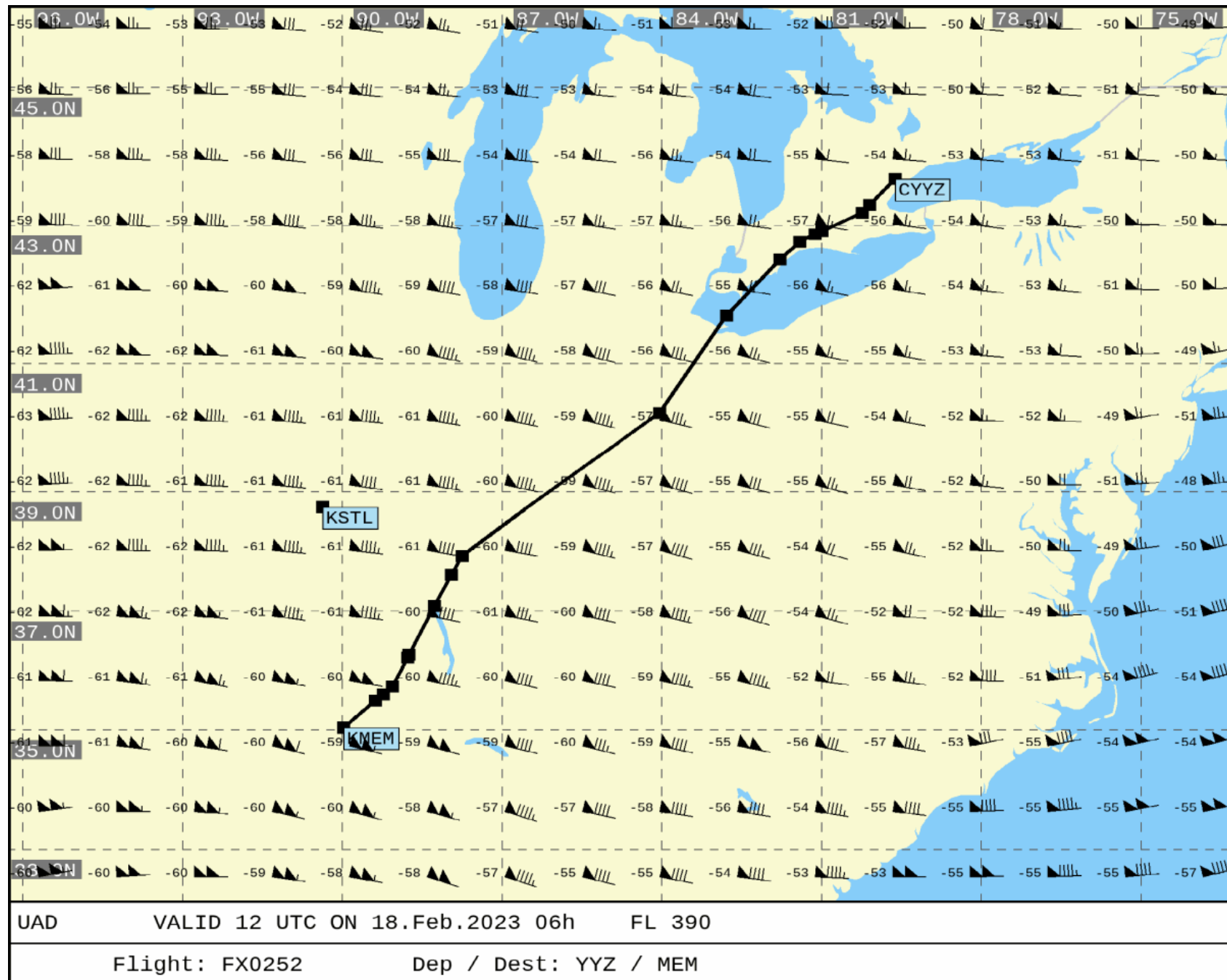


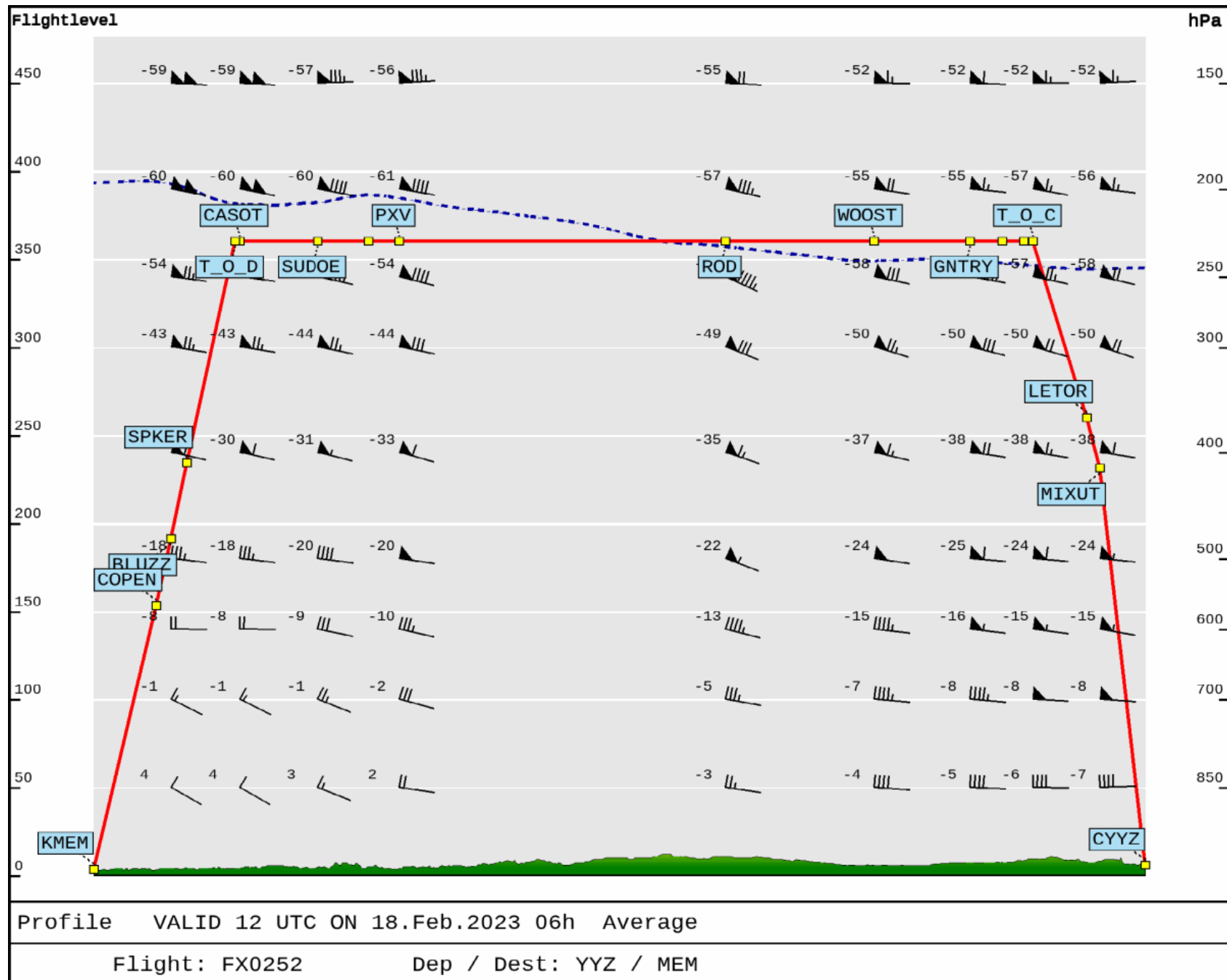
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