



[OFF]

FX341 11DEC2022 KIND-KDEN DC10 N312FE RELEASE 0147 11DEC22
OFF 1 INDIANAPOLIS INTL-DENVER INTL
WX PROG 1100 1103 1106 OBS 1018 1018 1018

ATC C/S FX341 KIND/IND KDEN/DEN CRZ SYS M.82
11DEC2022 N312FE 0147/0157 0420/0426 GND DIST 850
DC-10-30 / STA 0421 AIR DIST 1030
CTOT:.... G/C DIST 846

MAXIMUM TOW 555000 LAW 411000 ZFW 391000
ESTIMATED TOW 457863 LAW 411000 ZFW 376147
AVG WIND 264/077
AVG W/C M075
AVG ISA M002
AVG FF LB/HR 19614
FUEL BIAS P00.0
TKOF ALTN

ALTN KCOS
FL STEPS KIND/0340/

DISP RMKS PAYLOAD/CARGO LIMITED BY MLW
NOTICE: SID OR FIX "PLEASE" NOT FOUND
ERROR: FIX OR AIRWAY "CHECK" NOT FOUND
ERROR: FIX OR AIRWAY "SIMBRIEF" NOT FOUND
ERROR: FIX OR AIRWAY "ROUTING" NOT FOUND
NOTICE: STAR OR FIX "INFORMATION" NOT FOUND
ERROR: FIX OR AIRWAY "FOR" NOT FOUND

PLANNED FUEL

FUEL	ARPT	FUEL	TIME
TRIP	DEN	46863	0223
CONT 15 MIN		4904	0015
ALTN	COS	8551	0020
FINRES		14760	0100
MINIMUM T/OFF FUEL		75078	0359
EXTRA		6638	0020
T/OFF FUEL		81716	0419
TAXI	IND	3000	0010
BLOCK FUEL	IND	84716	
PIC EXTRA		.....
TOTAL FUEL		.....
REASON FOR PIC EXTRA		.....

FMC INFO:
FINRES+ALTN 23311
TRIP+TAXI 49863

NO TANKERING RECOMMENDED (P)

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: COURTNEY SIMS

PIC NAME: B, DAVID

TEL: +1 800 555 0199

PIC SIGNATURE:



ALTERNATE ROUTE TO: FINRES 14760
APT TRK DST VIA FL WC TIME FUEL

KCOS/17L 181 63 DCT LUFSE V389 ADANE DCT BRK 130 P000 0020 8551
DCT

MEL/CDL ITEMS DESCRIPTION

ROUTING:

ROUTE ID: DEF RTE
KIND/23R PLEASE INFORMATION KDEN/16R

DEPARTURE ATC CLEARANCE:
.
.
.

OPERATIONAL IMPACTS

WEIGHT CHANGE UP 1.0	TRIP P 0102 LBS	TIME P 0000
WEIGHT CHANGE DN 1.0	TRIP M 0169 LBS	TIME M 0000
FL CHANGE UP FL1	NOT AVAILABLE	
FL CHANGE DN FL1	TRIP M 0094 LBS	TIME M 0003
FL CHANGE DN FL2	TRIP M 0601 LBS	TIME M 0007
SPD CHANGE CI 0	NOT AVAILABLE	
SPD CHANGE CI 400	NOT AVAILABLE	

-----
ATIS:.
.-----
RVSM: ALT SYS LEFT:

STBY:

RIGHT:

-----TIMES

	ESTIMATED	SKED	ACTUAL
OUT	0147Z/2047L	0147Z/2047L	.....Z
OFF	0157Z/2057L	0157Z/2057L	.....Z
ON	0420Z/2120L	0415Z/2115L	.....Z
IN	0426Z/2126L	0421Z/2121L	.....Z
BLOCK TIME	0239	0234	.....

-----WEIGHTS

	EST	MAX	ACTUAL	
PAX	0		.....
CARGO	104.0		.....
PAYLOAD	104.0		.....
ZFW	376.1	391.0	.....
FUEL	84.7	84.7	.....	POSS EXTRA 0.0
TOW	457.9	457.9	LDG.....	
STAB TRIM			.....
LAW	411.0	411.0	.....

-----TERRAIN CLEARANCE CHECK

DD CHECK - TERRAIN CLEARANCE CHECK DISABLED

DP CHECK - TERRAIN CLEARANCE CHECK DISABLED



FLIGHT LOG

MOST CRITICAL MORA 08000 FEET AT TOD///MXSHR 03 AT TOC

AWY	FL	IMT	MN	WIND	OAT	EFOB	PBRN			
POSITION	LAT	EET	ETO	MORA	ITT	TAS	COMP	TDV	AFOB	ABRN
IDENT	LONG	TTLT	ATO	DIS	RDIS	GS	SHR	TRP		
FREQ										
INDIANAPOLI	N3943.0	...	31	281					81.7	3.0
KIND	W08617.7	0000	...	276			M105			
				850	369				....	....
DCT			340	279	.82	260/108	M53	71.5	13.2	
T O C	N3951.1	0013	...	70	275	474	M105	P00		
	W08758.6	0013	...	82	768	369	3	363	....	....
KANSAS CITY FIR/UIR										
-KZKC	N3950.2	0000	...							
	W08808.8	0013	...	0	768					
MINNEAPOLIS FIR/UIR										
-KZMP	N3954.0	0052	...							
	W09637.4	0105	...	342	426					
DENVER FIR/UIR										
-KZDV	N3955.1	0016	...							
	W09901.6	0121	...	114	312					
DCT			340	258	.82	265/073	M55	40.8	43.9	
T O D	N3957.9	0036	...	80	265	472	M072	M02		
	W10303.7	0157	...	238	74	400	3	364	....	....
DCT									34.9	49.9
DENVER INTL	N3951.7	0026	...							
KDEN	W10440.4	0223	...	74					....	....

-----
WIND INFORMATION

CLIMB			T O C			T O D			DESCENT
350	261/103	-53	380	262/090	-55	380	284/072	-60	350 287/068 -57
310	255/111	-47	360	261/099	-54	360	286/069	-58	310 280/054 -49
200	275/065	-24	340	261/108	-53	340	288/067	-55	200 266/035 -22
150	275/056	-11	320	257/110	-49	320	283/058	-51	150 279/029 -10
100	266/035	-04	300	253/112	-45	300	277/050	-47	100 274/011 +01



[ATC Flight Plan]

ICAO FLIGHT PLAN

FF KZIDZQZX KZKCZQZX KZMPZQZX KZDVZQZX
110147 CYULSBFP
(FPL-FX341-IS
-DC10/H-SDE1E2E3FGHIJ2J3J4J5M1RWXY/LB1D1
-KIND0147
-N0472F340 PLEASE INFORMATION
-KDEN0213 KCOS
-PBN/A1B1C1D1L1O1S2 DOF/221211 REG/N312FE EET/KZKC0007 KZMP0105
KZDV0121 PER/D RMK/TCAS)



[Additional Info]

D I S P A T C H B R I E F I N G I N F O FX341 KIND/KDEN



[Airport WX List]

KIND --> KDEN FX341 / 11DEC2022
LIDO/WEATHER SERVICE DATE : 11Dec2022 TIME : 01:47 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:

KIND/IND INDIANAPOLIS INTL

SA 110111 25009KT 7SM BKN009 OVC013 05/03 A3015 RMK AO2
T00500033 \$
FT 110059 1101/1206 00000KT P6SM VCSH OVC015
FM110330 27003KT 5SM BR OVC007
FM110600 VRB03KT 3SM BR OVC007
TEMPO 1108/1112 2SM BR OVC011
FM111500 33005KT 5SM BR OVC015
FM112100 34005KT P6SM OVC028
FM112300 VRB04KT P6SM OVC035

Destination:

KDEN/DEN DENVER INTL

SA 110053 19009KT 10SM FEW220 03/M13 A2999 RMK AO2 SLP172
T00331133
FT 110057 1101/1206 20009KT P6SM SCT220
FM111600 VRB06KT P6SM BKN220
FM112100 05007KT P6SM SCT220
FM120400 19011KT P6SM SCT220

Destination Alternates:

KCOS/COS CITY OF COLORADO SPRINGS MUN

SA 110054 10006KT 10SM CLR 02/M13 A3008 RMK AO2 SLP214 T00171133
FT 102320 1100/1124 18012KT P6SM FEW180 FEW250
FM110200 03007KT P6SM FEW180 BKN250
FM111300 33007KT P6SM SCT180 BKN250
FM111700 19010KT P6SM FEW180 SCT250
FM112000 22012G22KT P6SM FEW090 SCT180 BKN250

AIRPORTLIST ENDED



[NOTAM]

LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION
VALID: 2212110147 - 2212110747 STD(EOBT)+TRIP+ALTN+3HRS
FX341 /11DEC OFP-NR: 1
ROUTE: KIND - KDEN ALTN: KCOS
N0472F340 PLEASE INFORMATION

=====

DEPARTURE AIRPORT - DETAILED INFO

KIND/IND INDIANAPOLIS INTL

+++++ AIRPORT +++++

A4730/22

IND **TWY D** BTN FEDEX RAMP ACCESS NUMBER 5 AND FEDEX RAMP ACCESS
NUMBER 7 **CLSD**

A4731/22

IND APRON FEDEX RAMP ACCESS NUMBER 6 **CLSD**

A4543/22

TWY D ELEVATED **RWY** GUARD LGT **U/S**

A4542/22

TWY D2, D3, D4, D5, D6, D7 **CLSD**

A4540/22

TWY C BTN **TWY C1** AND **TWY R** **CLSD**

A4535/22

TWY U **CLSD**

A4541/22

TWY C2, C3, C4, C7 **CLSD**

A4363/22

RWY 05R **RVRR** **U/S**

A0141/22

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 +++++

A4544/22

TWY C ELEVATED **RWY** GUARD LGT **U/S**

A4534/22

RWY 05R/23L **CLSD**

A4364/22

RWY 23L **RVRT** **U/S**

A4362/22

RWY 23L **RVRM** **U/S**

A4361/22

RWY 05R **RVRM** **U/S**

A4360/22

RWY 23L **RVRR** **U/S**

A4358/22

RWY 05R **RVRT** **U/S**



A4350/22
RWY 05R ALS U/S
A4349/22
RWY 23L ALS U/S
A4346/22
RWY 23L PAPI U/S
A4339/22
RWY 05R PAPI U/S

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

A4366/22
ILS RWY 23L U/S
A4344/22
ILS RWY 05R CAT II/III NA
A4345/22
ILS RWY 05R U/S
A0139/22
ILS RWY 05L (SA CAT I), AMDT 5A ...
ILS RWY 05R (SA CAT I), AMDT 7A ...
ILS RWY 23R (SA CAT I - II), AMDT 6 ...
ILS RWY 05L (CAT II - III), AMDT 5A ...
ILS RWY 05R (CAT II - III), AMDT 7A ...
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

=====

DESTINATION AIRPORT - DETAILED INFO

=====

KDEN/DEN DENVER INTL

+++++ AIRPORT +++++

12/143
TWY WC HLDG PSN SIGN SOUTH SIDE FOR RWY 16R/34L
LGT U/S
12/006
TWY D12 HLDG PSN SIGN SOUTH SIDE FOR RWY 16R/34L
LGT U/S
11/614
COM REMOTE TRANS/REC 133.3 U/S
A9530/22
DEN AD AP BIRD ACT 2NM WEST OF RWY 07
A9486/22
DEN AD AP WILDLIFE HAZARD INCREASED MIGRATORY WATERFOWL
A9016/22
DEN TWY R8 BTN TWY R AND TWY EF CLSD TO ACFT WINGSPAN MORE THAN
135FT
A8739/22
CONCOURSE ALPHA NORTH PURPLE TXL BTN GATE A33 AND GATE A25
CLSD TO ACFT WINGSPAN MORE THAN 157FT
A8638/22
/IHS/ NDB U/S

**A5877/22**

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

+++++ SID +++++

A8835/22

DENVER TWO DEPARTURE...
PIKES TWO DEPARTURE...
PLAINS ONE DEPARTURE...
ROCKIES FIVE DEPARTURE...
YELLOWSTONE FOUR DEPARTURE...
TAKE-OFF MINIMUMS **RWY 26**, 300-1 1/8 WITH MINIMUM CLIMB OF 465FT
PER NM TO 5700. TEMPORARY CRANE 4198FT FROM DER, 1549FT RIGHT OF
CENTERLINE, 197FT AGL/5548FT MSL (2022-ANM-1722-NRA).
ALL OTHER DATA REMAINS AS PUBLISHED.

A8832/22

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...
TAKE-OFF MINIMUMS **RWY 26**, 300-1 1/8 WITH MINIMUM CLIMB OF 465FT
PER NM TO 5700. ADD TAKEOFF OBSTACLE NOTE: **RWY 26**, TEMPORARY CRANE
4214FT FROM DER, 741FT LEFT OF CENTERLINE, 150FT AGL/ 5498FT MSL
(2021-ANM-1339-NRA). TEMPORARY CRANE 4198FT FROM DER, 1549FT RIGHT
OF CENTERLINE, 197FT AGL/5548FT MSL (2022-ANM-1722-NRA)..
ALL OTHER DATA REMAINS AS PUBLISHED.

A8831/22

DIVERSE VESTOR AREA (RADAR VECTORS), ORIG ...
RWY 26, REQUIRES MINIMUM CLIMB OF 465 FT PER NM TO 5700. TEMPORARY
CRANE 4198FT FROM DER, 1549FT RIGHT OF CENTERLINE, 197FT
AGL/5548FT MSL (2022-ANM-1722-NRA). ALL OTHER DATA REMAINS AS
PUBLISHED

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

A9892/22

DEN IAP DENVER INTL, DENVER, CO.
RNAV (GPS) Y **RWY 8**, AMDT 1C...
LPV DA# 5771/HAT 417 ALL CATS. VISIBILITY ALL CATS RVR 4000. LNAV
MDA 5860/ HAT 506 ALL CATS, VISIBILITY CATS A/B RVR 4000, CATS C/D
RVR 5000. VDP 1.24 NM TO RW08. CHANGE INOP NOTE TO READ: FOR
INOPERATIVE MALSR, INCREASE LNAV **CAT** C/D VISIBILITY TO 1 3/8 SM.
DISREGARD NOTE: #RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD
TO DA. TEMPORARY CRANES UP TO 5503 MSL BEGINNING 4220FT W OF **RWY 8**
(2021-ANM-1339 THRU 1342-NRA). TEMPORARY CRANE 4198FT FROM DER,
1549FT RIGHT OF CENTERLINE, 197FT AGL/5548FT MSL
(2022-ANM-1722-NRA), TEMPORARY CRANE 5482 MSL 4675FT W OF **RWY 8**
(2022-ANM-2196-NRA).

**A9891/22**

DEN IAP DENVER INTL, DENVER, CO.

ILS OR LOC RWY 8, AMDT 5A...

S-ILS 8** DA 5771/HAT 417 ALL CATS. VISIBILITY ALL CATS RVR 4000.
S-LOC 8 MDA 5840/HAT 486 ALL CATS, VISIBILITY CATS A/B RVR 4000,
CATS C/D RVR 5000. VDP AT I-FUI 1.13 DME; DISTANCE VDP TO THLD
1.25 MILES. DISREGARD NOTE: ** RVR 1800 AUTHORIZED WITH USE OF FD
OR AP OR HUD TO DA. CHANGE INOP NOTE TO READ: FOR **INOPERATIVE**
MALSR, INCREASE S-LOC 8 **CAT** A/B VISIBILITY TO RVR 5500 AND **CAT** C/D
VISIBILITY TO 1 3/8. TEMPORARY CRANES UP TO 5503 MSL BEGINNING
4220FT W OF **RWY 8** (2021-ANM-1339 THRU 1342-NRA). TEMPORARY CRANE
4198FT FROM DER, 1549FT RIGHT OF CENTERLINE, 197FT AGL/5548FT MSL
(2022-ANM-1722-NRA).

A9872/22

DEN IAP DENVER INTL, DENVER, CO.

ILS OR LOC RWY 16L, AMDT 3A...

ILS OR LOC RWY 16R, AMDT 1A...

ILS OR LOC RWY 17L, AMDT 4A...

ILS OR LOC RWY 17R, AMDT 3B...

ILS OR LOC RWY 25, AMDT 3A...

ILS OR LOC RWY 34L, AMDT 2C...

ILS OR LOC RWY 34R, AMDT 3A...

ILS OR LOC RWY 8, AMDT 5A...

ILS RWY 34L (SA **CAT I**), AMDT 2B...

ILS RWY 34R (SA **CAT I**), AMDT 3A...

ILS RWY 34L (CAT II AND III), AMDT 2B...

ILS RWY 34R (CAT II AND III), AMDT 3A...

ALTERNATE MINIMUMS NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS,

FQF **VORTAC** UNMONITORED.

A9723/22

DEN IAP DENVER INTL, DENVER, CO.

RNAV (RNP) Z **RWY 17R**, ORIG-C...

RNP 0.10 DA 5776/HAT 384 ALL CATS. VISIBILITY ALL CATS RVR 4000.

FOR **INOPERATIVE** MALSR, INCREASE RNP 0.10 ALL CATS VISIBILITY TO 1
3/8 MILE AND RNP 0.30 ALL CATS VISIBILITY TO 1 5/8 MILE. TEMPORARY
CRANES, UP TO 5605 MSL BEGINNING 1501FT SW OF **RWY 17R**
(2020-ANM-1601/1602/1603/1604-NRA).

A9722/22

DEN IAP DENVER INTL, DENVER, CO.

RNAV (GPS) Y **RWY 17R**, AMDT 1C...

LPV DA 5742/HAT 350 ALL CATS, VISIBILITY ALL CATS RVR 3000. CHANGE
NOTE TO READ: FOR **INOPERATIVE** MALSR, INCREASE LPV ALL CATS
VISIBILITY TO RVR 5500, LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2
MILE AND LNAV **CAT** C/D TO 1 1/2 MILE. TEMPORARY CRANES UP TO 5605
MSL BEGINNING 1501FT SW OF **RWY 17R**
(2020-ANM-1601/1602/1603/1604-NRA).

A9721/22

DEN IAP DENVER INTL, DENVER, CO.

ILS OR LOC RWY 17R, AMDT 3B...

S-ILS 17R, DA 5719/HAT 327 ALL CATS, VISIBILITY ALL CATS RVR 2600.

S-LOC 17R, MDA 5880/HAT 488 ALL CATS, VISIBILITY CATS C/D RVR

5000. VDP AT I-ACX 1.18 DME; DISTANCE TO THLD 1.35NM.

CHANGE NOTE TO READ: FOR INOP ALS, INCREASE S-ILS 17R VISIBILITY
ALL CATS TO RVR 5000 AND S-LOC 17R CATS C/D VISIBILITY TO 1 3/8
SM. TEMPORARY CRANES UP TO 5605 MSL BEGINNING 1501FT SW OF **RWY 17R**
(2020-ANM-1601/1602/1603/1604-NRA), TEMPORARY CRANES UP TO 5452
MSL BEGINNING 2.11NM N OF **RWY 17R** (2021-ANM-374/375/376/377-NRA).

**A9252/22**

DEN IAP DENVER INTL, DENVER, CO.
RNAV (RNP) Z **RWY 34R**, ORIG-C...
RNP 0.10 DA 5906/ HAT 552 ALL CATS, VISIBILITY ALL CATS RVR 6000.
RNP 0.20 DA 6037/ HAT 683 ALL CATS, VISIBILITY ALL CATS 1 1/2. RNP
0.30 DA 6074/ HAT 720 ALL CATS, VISIBILITY ALL CATS 1 5/8. CHANGE
INOP NOTE TO READ: FOR **INOPERATIVE** ALSF, INCREASE RNP 0.10 ALL
CATS VISIBILITY TO 1 5/8 MILE, RNP 0.20 AND RNP0.30 ALL CATS
VISIBILITY TO 2 MILES. TEMPORARY CRANES 5625 MSL BEGINNING 3778FT
SE OF **RWY 34R** (2020-ANM-1605/1606/1607/1608-NRA), CRANES UP TO
5260 MSL 6685FT SE OF **RWY 34R** (2020-ANM-2198/2199/2200/2201-NRA).

A9251/22

DEN IAP DENVER INTL, DENVER, CO.
RNAV (GPS) Y **RWY 34R**, AMDT 2B...
LNAV/VNAV DA 5993/ HAT 639 ALL CATS, VISIBILITY ALL CATS 1 3/8.
LNAV MDA 5960/ HAT 606 ALL CATS, VISIBILITY **CAT** C/D 1 3/8.
TEMPORARY CRANES 6685FT SE OF **RWY 34R**, UP TO 5620FT MSL
(2020-ANM-2198, 2199, 2200, 2201-NRA).

A9250/22

DEN IAP DENVER INTL, DENVER, CO.
RNAV (GPS) Y **RWY 25**, AMDT 1B...
LNAV/VNAV DA 5837/ HAT 482 ALL CATS, VISIBILITY ALL CATS RVR 4000.
LNAV MDA 5920/ HAT 565 ALL CATS, VISIBILITY CATS C/D 1 1/4 SM.
CHANGE INOP NOTE TO READ: FOR **INOPERATIVE** MALSR, INCREASE
LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM, LNAV CATS A/B
VISIBILITY TO 1 SM, CATS C/D TO 1 5/8 SM. TEMPORARY CRANES 5625
MSL BEGINNING 4634FT N OF RWY25
(2020-ANM-1605/1606/1607/1608-NRA), ADDITIONAL TEMPORARY CRANES,
4225FT NE OF **RWY 25**, UP TO 5620FT MSL (2020-ANM-2198, 2199, 2200,
2201-NRA).

A9249/22

DEN IAP DENVER INTL, DENVER, CO.
RNAV (RNP) Z **RWY 35L**, ORIG-C...
RNP 0.30 DA 6012/HAT 578 ALL CATS. VISIBILITY RNP 0.30 1 1/4 ALL
CATS. FOR **INOPERATIVE** ALSF, INCREASE VISIBILITY RNP 0.30 TO 1 5/8
ALL CATS. TEMPORARY CRANE 5650FT MSL 1.21NM SOUTHWEST OF **RWY 35L**
(2021-ANM-7971-OE).

A9248/22

DEN IAP DENVER INTL, DENVER, CO.
RNAV (GPS) Y **RWY 35L**, AMDT 2B...
LNAV/VNAV DA 5960/HAT 526 ALL CATS. LNAV MDA 5960/HAT 526 ALL
CATS. VISIBILITY LNAV/VNAV RVR 5500 ALL CATS. VISIBILITY LNAV CATS
C/D RVR 5500. VDP 1.42 NM TO RW35L. TEMPORARY CRANE 5650FT MSL
1.21NM SOUTHWEST OF **RWY 35L** (2021-ANM-7971-OE).

A5876/22

ILS RWY 34L (SA **CAT I**), AMDT 2C ...
ILS RWY 34R (SA **CAT I**), AMDT 3A ...
ILS RWY 35L (SA **CAT I**), AMDT 5B ...
ILS RWY 35R (SA **CAT I**), AMDT 3A ...
ILS RWY 34L (CAT II - III), AMDT 2C ...
ILS RWY 34R (CAT II - III), AMDT 3A ...
ILS RWY 35L (CAT II - III), AMDT 5B ...
ILS RWY 35R (CAT II - III), AMDT 3A ...
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

A6486/21

ILS OR LOC RWY 35L, AMDT 5B...
S-LOC 35L MDA 5780/HAT 346 ALL CATS.



+++++ STAR +++++

A9007/22

DEN STAR DENVER INTL, DENVER, CO. LONGZ TWO ARR (RNAV)
LBERT TRANSITION NA.

=====

DESTINATION ALTERNATE AIRPORT(S)

=====

KCOS/COS CITY OF COLORADO SPRINGS MUN

+++++ AIRPORT +++++

A2770/22

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

+++++ SID +++++

A4086/22

COS ODP CITY OF COLORADO SPRINGS MUNI,
COLORADO SPRINGS, CO.
DIVERSE VECTOR AREA (RADAR VECTORS) AMDT 2 ...
RWY 35L, REQUIRES A MINIMUM CLIMB OF 258FT PER NM TO 7200. ADD
TAKEOFF OBSTACLE NOTE: **RWY 35L**, TEMPORARY CRANE 3.82NM FROM DER,
1419FT LEFT OF CENTERLINE, 320FT AGL/6927FT MSL
(2021-ANM-7424-OE). ALL OTHER DATA REMAINS AS PUBLISHED.

A4085/22

COS ODP CITY OF COLORADO SPRINGS MUNI,
COLORADO SPRINGS, CO.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 12A...
TAKE-OFF MINIMUMS **RWY 35L**, STANDARD WITH A MINIMUM CLIMB OF 258FT
PER NM TO 7200. ADD TAKEOFF OBSTACLE NOTE: **RWY 35L**, TEMPORARY
CRANE 3.82NM FROM DER, 1419FT LEFT OF CENTERLINE, 320FT AGL/6927FT
MSL (2021-ANM-7424-OE). ALL OTHER DATA REMAINS AS PUBLISHED.

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

A4123/22

COS IAP CITY OF COLORADO SPRINGS MUNI,
COLORADO SPRINGS, CO.
ILS OR LOC RWY 35R, AMDT 2A...
NDB RWY 35L, AMDT 28...
RNAV (GPS) **RWY 31**, AMDT 2A...
RNAV (GPS) Y **RWY 35L**, AMDT 1B...
RNAV (GPS) Y **RWY 35R**, AMDT 4A...
CIRCLING **CAT D** MDA 7280/HAA 1093. TEMPORARY CRANE 6927FT MSL
3.82NM NORTHWEST OF **RWY 17R** (2021-ANM-7424-OE).

**A3917/22**

COS IAP CITY OF COLORADO SPRINGS MUNI,
COLORADO SPRINGS, CO.

ILS OR LOC RWY 35L AMDT 40 ...

CIRCLING **CAT** D MDA 7280/HAA 1093. TEMPORARY CRANE 6927FT MSL
3.82NM NORTHWEST OF **RWY 17R** (2021-ANM-7424-OE)

A3916/22

COS IAP CITY OF COLORADO SPRINGS MUNI,
COLORADO SPRINGS, CO.

ILS OR LOC RWY 17L, AMDT 3C...

HUMPE FIX MINIMUMS, CIRCLING **CAT** D MDA 7280/HAA 1093. TEMPORARY
CRANE 6927FT MSL 3.82NM NORTHWEST OF **RWY 17R** (2021-ANM-7424-OE).

A3915/22

COS IAP CITY OF COLORADO SPRINGS MUNI,
COLORADO SPRINGS, CO.

RNAV (GPS) Y **RWY 17R**, AMDT 3A...

LPV DA NA. CIRCLING **CAT** D MDA 7280/HAA 1093. TEMPORARY CRANE
6927FT MSL 3.82NM NORTHWEST OF **RWY 17R** (2021-ANM-7424-OE).

A3829/22

ILS RWY 35L CAT I, AMDT 40 ...

ILS RWY 35R CAT I, AMDT 2A ...

NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 6400 MSL.

A3828/22

ILS RWY 35L (SA **CAT** II), AMDT 40 ...

PROCEDURE NA.

A2769/22

ILS RWY 17L (SA **CAT** I - II), AMDT 3C ...

ILS RWY 35L (SA **CAT** II), AMDT 40 ...

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

=====
EXTENDED AREA AROUND DEPARTURE
=====

KZID **INDIANAPOLIS FIR/UIR**

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

A0280/22

ZID 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 394821N0821716W. AP AIRSPACE AFFECTED MAY
INCLUDE CDI, CYO, I23, I40, I86, RZT, VTA, ZZV.
F) 1000FT G) 2000FT

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.

A0267/22

ZID WV..ROUTE ZID.

V59 PARKERSBURG (JPU) **VOR/DME**, WV R-176 TO BECKLEY (BKW) **VOR/DME**,
WV R-359 NA SOUTHBOWN 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.

A0032/21

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

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

12/440 VALID: 11-DEC-22 0600 - 12-DEC-22 0600

AIRSPACE R3401A ACT SFC-FL220

12/417 VALID: 11-DEC-22 0501 - 11-DEC-22 1059

AIRSPACE R3704A ACT SFC-10000FT

12/438 VALID: 11-DEC-22 0401 - 11-DEC-22 0559

AIRSPACE R3401A ACT SFC-FL220

10/085

AIRSPACE R3404 ACT SFC-4100FT



=====
EXTENDED AREA AROUND DESTINATION
=====

KZDV DENVER FIR/UIR

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

A0430/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 19.4NM
RADIUS OF 435254N1015343W (PHP211014.6) 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

A0431/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
373945N1080401W (ETL146024.4) TO 373601N1072953W (DRO010029.4) TO
362204N1070119W (TAS242055.8) TO 361131N1072806W (RSK123045.2) TO
360631N1075345W (RSK152039.6) TO 364032N1084509W (RSK248031.8) 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

A0432/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
420412N0990510W (ONL207029.9) TO 420012N0990123W (ONL198031.8) TO
412628N0990142W (CUZ087029.8) TO 413528N0993725W (CUZ017007.1) TO
420247N0992446W (CUZ012036.0) 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

A0434/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
360012N1082349W (GUP022039.2) TO 354740N1093934W (GUP283042.9) TO
361039N1094428W (GUP301059.7) TO 362628N1083919W (RSK222032.6) 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

A0433/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
431004N1053459W (DDY069030.8) TO 423540N1051956W (IIP212006.8) TO
422724N1065652W (DDY206048.2) TO 431333N1065419W (DDY275028.7) 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

**A0435/22**

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
413036N1060202W (LAR292017.5) TO 422227N1042811W (IIP106038.1) TO
422347N1031944W (TST171009.8) TO 414713N1031349W (BFF107013.0) TO
405609N1042055W (CYS118025.3) TO 392421N1030321W (TXC145019.0) TO
374123N1044655W (PUB197039.9) TO 391249N1054639W (BJC204051.4) TO
375125N1073305W (ETL096035.2) TO 390024N1085922W (JNC236009.7) TO
395042N1082447W (EKR224026.1) TO 400449N1061329W (RLG051011.0) 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

A0436/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 17.8NM
RADIUS OF 414638N1071439W (CKW070015.2) 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

A0437/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 18.8NM
RADIUS OF 441702N1053028W (GCC149004.1) 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

A0438/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
412040N1025842W (SNY348014.9) TO 412414N1011930W (LBF298033.7) TO
404137N1013721W (HCT284035.0) TO 393655N1024340W (TXC090023.1) TO
404058N1034515W (GLL060038.0) 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

A0439/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
405309N1011459W (LBF236024.8) TO 413144N1010254W (TDD200030.9) TO
411422N0995932W (CUZ215020.1) TO 404007N0990309W (HSI271028.6) TO
401451N0990234W (HSI226035.3) TO 395923N0992127W (TKO273051.7) TO
404533N1003225W (LBF141019.8) 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

A0440/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 18.9NM
RADIUS OF 383356N1093353W (JNC216046.7) 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

**A0441/22**

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 19.2NM RADIUS OF 425855N1023341W (TST039041.7) 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

A0445/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 374013N1111534W (PGA358045.3) TO 360309N1102613W (TBC081040.6) TO 354403N1115122W (GCN119019.6) TO 362507N1113009W (TBC313021.1) TO 372445N1115249W (BCE114026.1) 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

A0444/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 19.1NM RADIUS OF 420109N1003400W (TDD063007.2) 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

A0443/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 18.4NM RADIUS OF 442322N1042215W (GCC078050.4) 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

A0442/22

ZDV AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 390106N0994016W (HYS289021.1) TO 393513N0993822W (HLC046033.6) TO 394730N0991217W (TKO259043.6) TO 392747N0984825W (TKO221032.6) 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

A0401/22

DLY 1300-0500

ZDV SVC CHEYENNE APP **CLSD** FOR RADAR ADVISORY CTC DENVER ARTCC AT 125.9/284.7

A0294/22

V235 OILLY, WY MCA 11200 SOUTHWESTBOUND.

A0293/22

V235 BORGG, WY TO OILLY, WY MEA 11500.

2/1974

CO..AIRSPACE BROOMFIELD, CO.. TEMPORARY FLIGHT RESTRICTIONS WI AN AREA DEFINED AS A 1.25NM RADIUS OF 395630N1052136 (BJC269010.3) SFC-9000 FT MSL. TO PROVIDE A SAFE ENVIRONMENT FOR BLASTING OPS. PURSUANT TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT. KIEWIT BARNARD CONST, 406-539-2290 IS IN CHARGE OF THE OPS. DENVER /D01/ TRACON TEL 303-342-1590 (OPTION 1) IS THE FAA CDN FACILITY. DLY SR-SS 2205111200-2305112359EST.

**02/097**

AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER
SIDE OF A LINE FM HGO193026 TO HGO206018 TO HGO260010 TO HGO274010
TO HGO269023 SFC-9000FT AVOIDANCE ADZ DLY 1700-0500

02/098

AIRSPACE AIRDROP WI AN AREA DEFINED AS 3NM EITHER
SIDE OF A LINE FM HGO358021 TO HGO337012 TO HGO259010 TO HGO248012
TO HGO177019 SFC-9000FT AVOIDANCE ADZ DLY 1700-0500

A0406/21

ROUTE ZDV.

V216 HILL CITY (HLC) **VORTAC**, KS R-234 TO ORION INT, KS MOCA 4500.**A0407/21**

ROUTE ZDV ZKC.

V132 RANSO INT, KS TO ORION INT, KS MOCA 4500.

A0343/21

ROUTE ZDV.

V368 RATTLESNAKE (RSK) **VORTAC**, NM TO BRAZO INT, NM MEA 14000.RSK **VORTAC** UNSAT SIGNAL AT 13000.**A0189/21**

ROUTE ZDV.

V108 TRUEL, CO TO RED TABLE (DBL) **VOR/DME**, CO MOCA 14000.**A0170/21**

ZDV UT..ROUTE ZDV ZLC.

J196 BRYCE CANYON (BCE) **VORTAC**, UT TO RIFMN, UT MEA 36000.BCE **VORTAC** R-033 D160 36000-45000.**A0110/21**V17 GARDEN CITY (GCK) **VORTAC**, KS TO COFFE, KS MOCA 4700.**A0108/21**

ZDV.

V211 BRAZO, NM MRA 14000 AT BRAZO WHEN USING **DME**.DRO **DME UNUSABLE** BELOW 14000 AT BRAZO.

F) SEE TEXT G) SEE TEXT

A0057/21

ROUTE ZDV.

V356 FIDLE INT, CO TO ELORE INT, CO NA EXCEPT FOR ACFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS.

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

12/724

AIRSPACE R2601A ACT SFC-12499FT

12/359AIRSPACE R2601B ACT 12500FT UP TO BUT NOT
INCLUDING FL225

=====
EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)
=====

KZDV DENVER FIR/UIR

Please see section EXTENDED AREA AROUND DESTINATION



=====
AREA ENROUTE DEPARTURE - DESTINATION
=====

KZKC KANSAS CITY FIR/UIR

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

2/3073

KS..AIRSPACE WASHINGTON, KS..TEMPORARY FLIGHT
RESTRICTIONS WI AN AREA DEFINED AS 3NM RADIUS OF 395024N0970000W
(PWE234042.5) SFC-2000FT AGL OIL LEAK. PURSUANT
TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE
IN EFFECT. ONLY RELIEF AIRCRAFT OPERATIONS UNDER **DIRECTION** OF
DAVID MANN ARE AUTHORIZED IN THE AIRSPACE. DAVID MANN TELEPHONE
403-466-3597 IS IN CHARGE OF ON SCENE EMERGENCY RESPONSE ACTIVITY.
KANSAS CITY /ZKC/ ARTCC TELEPHONE 913-254-8500 IS THE FAA
COORDINATION FACILITY. EFFECTIVE 2212102030 UTC UNTIL 2212200001
UTC.

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.

A0328/22

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

A0329/22

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

**A0330/22**

ZKC AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 360405N1003647W (MMB235039.2) TO 361955N1011740W (DHT064062.3) TO 364453N1005526W (MMB286055.9) TO 363423N1001354W (MMB299021.9) 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

A0331/22

RDO ALTIMETER UNREL WI AN AREA DEFINED AS 17.8NM RADIUS OF 375809N1005016W (GCK288006.1) 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
F) SEE TEXT G) SEE TEXT

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.

01/219

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

12/345

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 DLY SR-SS

12/346

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 DLY SR-SS

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.

08/043

AIRSPACE UAS WI AN AREA DEFINED AS 2NM RADIUS OF 381210N0973419W (3.5NM W 47K) SFC-400FT AGL THU FRI MON TUE WED SR-SS

**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.**A0046/21**V67 SPINNER (SPI) **VORTAC**, IL TO BURLINGTON (BRL) **VOR/DME**, IA MOCA 2300.**A0017/21**

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**.**A0018/21**

ROUTE ZKC.

V52 LOAMY, MO TO QUINCY (UIN) **VORTAC**, IL MEA 2700.OTM **VOR/DME** 1643 TOWER (17-001519).**A0016/21**

ROUTE ZKC ZMP.

V551 SALINA (SLN) **VORTAC**, KS TO MANKATO (TKO) **VORTAC**, KS MEA 6000.

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

12/418 VALID: 11-DEC-22 0601 - 12-DEC-22 0600

AIRSPACE R4501H ACT SFC-3200FT

12/420 VALID: 11-DEC-22 0601 - 11-DEC-22 1259

AIRSPACE R4501F ACT SFC-3200FT

12/442 VALID: 11-DEC-22 0601 - 12-DEC-22 0600

AIRSPACE R4501A ACT SFC-2199FT

12/443 VALID: 11-DEC-22 0601 - 12-DEC-22 0600

AIRSPACE R4501B ACT SFC-4300FT

12/439 VALID: 11-DEC-22 0401 - 11-DEC-22 0600

AIRSPACE R4501B ACT SFC-4300FT

12/437 VALID: 11-DEC-22 0301 - 11-DEC-22 0600

AIRSPACE R4501A ACT SFC-2199FT

12/407 VALID: 11-DEC-22 0000 - 11-DEC-22 0600

AIRSPACE R4501F ACT SFC-3200FT

12/322 VALID: 10-DEC-22 0601 - 11-DEC-22 0600

AIRSPACE R4501H ACT SFC-3200FT



KZMP

MINNEAPOLIS FIR/UIR

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

2/2728 VALID: 11-DEC-22 0600 - 18-DEC-22 0559

PART 1 OF 2 ND..AIRSPACE GRAND FORKS AFB,
ND..TEMPORARY FLIGHT
RESTRICTIONS.

DECEMBER 11-17, 2022 LOCAL. PURSUANT TO 49 USC 40103(B)(3),
THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE
DEFINED IN THIS NOTAM AS 'NTL DEFENSE AIRSPACE'. ANY PERSON WHO
KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING OPS IN THIS
AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC
40103(B)(3). PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROC MAY
BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW
ENFORCEMENT/SECURITY PERSONNEL.

PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL ACFT
FLT OPS ARE PROHIBITED: WI AN AREA DEFINED AS 480100N0972331W
(GFK285009.1) TO 475430N0972331W (GFK243008.8) TO 475430N0972701W
(GFK246011) TO 480100N0972701W (GFK280011.3) TO THE POINT OF
ORIGIN SFC-2400FT MSL

EFFECTIVE 2212110600 UTC (0000 LOCAL 12/11/22) UNTIL 2212180559
UTC (2359 LOCAL 12/17/22).

WI AN AREA DEFINED AS 480840N0972230W (GFK317013.7) TO
474640N0972230W (GFK207013.1) THEN CLOCKWISE ON A 11 NM ARC
2212110600-2212180559

END PART 1 OF 2

PART 2 OF 2 ND..AIRSPACE GRAND FORKS AFB,
ND..TEMPORARY FLIGHT

CENTERED ON 475740N0972230W (GFK264007.7) TO THE POINT OF ORIGIN
2400FT MSL-FL180

EFFECTIVE 2212110600 UTC (0000 LOCAL 12/11/22) UNTIL 2212180559
UTC (2359 LOCAL 12/17/22).

EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED
BY ATC:

1. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
BE ON A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC
CONTROL (ATC) FACILITY.
2. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE AT
ALL TIMES WHILE IN THE TFR.
3. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.
4. MINNEAPOLIS CENTER, PHONE 651-463-5580, IS THE
FAA COORDINATION FACILITY.

2212110600-2212180559

END PART 2 OF 2

12/050

AIRSPACE UNMANNED ROCKET WI AN AREA DEFINED AS 2NM
RADIUS OF GEP032030.52 (10NM S ROS) SFC-FL210



2/8869 VALID: 04-DEC-22 0600 - 11-DEC-22 0559

PART 1 OF 2 ND..AIRSPACE GRAND FORKS AFB,
ND..TEMPORARY FLIGHT
RESTRICTIONS.

DECEMBER 4-10, 2022 LOCAL. PURSUANT TO 49 USC 40103(B)(3),
THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE
DEFINED IN THIS NOTAM AS 'NTL DEFENSE AIRSPACE'. ANY PERSON WHO
KNOWINGLY OR WILLFULLY VIOLATES THE RULES CONCERNING OPS IN THIS
AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC
40103(B)(3). PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROC MAY
BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW
ENFORCEMENT/SECURITY PERSONNEL.

PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL ACFT
FLT OPS ARE PROHIBITED: WI AN AREA DEFINED AS 480100N0972331W
(GFK285009.1) TO 475430N0972331W (GFK243008.8) TO 475430N0972701W
(GFK246011) TO 480100N0972701W (GFK280011.3) TO THE POINT OF
ORIGIN SFC-2400FT MSL

EFFECTIVE 2212040600 UTC (0000 LOCAL 12/04/22) UNTIL 2212110559
UTC (2359 LOCAL 12/10/22).

WI AN AREA DEFINED AS 480840N0972230W (GFK317013.7) TO
474640N0972230W (GFK207013.1) THEN CLOCKWISE ON A 11 NM ARC
2212040600-2212110559

END PART 1 OF 2

PART 2 OF 2 ND..AIRSPACE GRAND FORKS AFB,
ND..TEMPORARY FLIGHT

CENTERED ON 475740N0972230W (GFK264007.7) TO THE POINT OF ORIGIN
2400FT MSL-FL180

EFFECTIVE 2212040600 UTC (0000 LOCAL 12/04/22) UNTIL 2212110559
UTC (2359 LOCAL 12/10/22).

EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED
BY ATC:

1. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
BE ON A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC
CONTROL (ATC) FACILITY.

2. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE AT
ALL TIMES WHILE IN THE TFR.

3. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.

4. MINNEAPOLIS CENTER, PHONE 651-463-5580, IS THE
FAA COORDINATION FACILITY.

2212040600-2212110559

END PART 2 OF 2

A0380/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
490006N1031009W (ISN019050.5) TO 490006N1003419W (MOT019052.8) TO
484431N0994112W (DVL314048.7) TO 461622N0995313W (BIS120043.5) TO
455241N1010227W (BIS184055.3) TO 460711N1031012W (DIK186047.4) 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

A0382/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 19.4NM
RADIUS OF 482607N0985445W (DVL353019.2) 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

**A0381/22**

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
424639N0925933W (MCW136024.1) TO 414033N0932751W (DSM023016.5) TO
411033N0933512W (DSM163016.0) TO 405648N0933302W (LMN035028.3) TO
404736N0942130W (LMN297021.3) TO 414113N0942619W (DSM286038.5) TO
420806N0941318W (DSM322049.1) TO 422110N0945600W (SPW161050.0) TO
425138N0942939W (SPW115035.9) TO 432933N0931820W (MCW357023.9) TO
432314N0931010W (MCW016018.9) TO 432115N0925334W (MCW045024.7) TO
424527N0923026W (ALO338013.0) 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

A0383/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
394148N0974018W (TKO093027.9) TO 401053N0972158W (TKO051046.9) TO
401119N0951014W (STJ313017.7) 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

A0384/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 18.9NM
RADIUS OF 405324N0982249W (GRI201006.4) 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

A0385/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
454520N0860615W (ESC087041.3) TO 462513N0862658W (SAW088039.4) TO
464907N0855503W (SAW069067.0) TO 462433N0843601W (SSM273011.8) TO
455031N0833757W (SSM144044.5) TO 451608N0830358W (APN069023.6) TO
434743N0824506W (MBS077059.7) TO 433459N0845912W (MOP263011.1) TO
434055N0870119W (BAE056064.7) 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

A0388/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS
450439N0951138W (DWN262031.4) TO 451024N0990104W (ABR235031.1) TO
463556N0983305W (JMS161020.7) TO 470326N0993512W (JMS278037.9) TO
475856N0993356W (DVL246027.4) TO 475831N0980604W (DVL097033.6) TO
471159N0971617W (FAR318031.9) TO 482439N0945509W (ROX126040.7) TO
462710N0901055W (IWD205005.3) TO 473027N0885642W (CMX319027.6) TO
471619N0872627W (CMX083043.0) TO 454920N0860744W (ESC081040.7) TO
452028N0865951W (ESC170023.2) TO 433938N0870836W (BAE054059.5) TO
435821N0873316W (OSH089043.3) TO 441252N0890340W (OSH300025.6) TO
440659N0901815W (DLL323041.2) TO 431007N0911620W (ODI168045.5) TO
432246N0931008W (MCW016018.5) 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

**A0387/22**

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 435550N0983509W (MHE287025.5) TO 440212N0973350W (MHE049025.8) TO 430429N0973234W (YKN321011.7) TO 430401N0981417W (YKN281038.5) 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

A0386/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 403524N0990249W (HSI261028.2) TO 402549N0985731W (HSI240026.3) TO 401646N0990304W (HSI229034.5) 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

A0389/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 423858N0982538W (ONL037015.7) TO 424503N0974509W (YKN235019.1) TO 422100N0972730W (OFK349021.8) TO 423009N0955900W (SPW216052.5) TO 415854N0945611W (OVR028060.7) TO 410734N0944129W (LMN307045.7) TO 401850N0964934W (PWE279029.2) TO 411720N0974859W (OLU238023.5) TO 412927N0990133W (CUZ081029.8) TO 420034N0990110W (ONL198031.4) TO 420415N0990428W (ONL206029.5) TO 420052N0985153W (ONL186028.5) TO 420131N0981355W (ONL133033.5) 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

A0390/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 17.8NM RADIUS OF 442901N1002929W (PIR280015.1) 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

A0391/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 61NM RADIUS OF 434454N0960325W (FSD070032.0) 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

A0392/22

ZMP AIRSPACE RDO ALTIMETER UNREL WI AN AREA DEFINED AS 18.9NM RADIUS OF 460155N0992349W (ABR304056.7) 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

**A0393/22**

RDO ALTIMETER UNREL WI AN AREA DEFINED AS
490031N0975016W (GFK329068.4) TO 485929N0960325W (ROX295016.5) TO
473845N0963856W (GFK121028.5) TO 473037N0971928W (GFK183027.3) TO
481459N0975247W (GFK294033.0) 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
F) SEE TEXT G) SEE TEXT

A0371/22

SUN SAT 1300-0500
MINOT APP **CLSD** CTC MINNEAPOLIS ARTCC ON 127.6

2/0127

MT..ROUTE ZMP ZLC.
J70 LEWISTOWN (LWT) **VOR/DME**, MT TO DICKINSON (DIK) **VORTAC**, ND MEA
21000. LWT **VOR/DME** RESTRICTION.

A0264/22

ROUTE ZMP ZLC.
J70 LEWISTOWN (LWT) **VOR/DME**, MT TO DICKINSON (DIK) **VORTAC**, ND MEA
21000.
LWT **VOR/DME** RESTRICTION.

A0242/22

V2 ALEXANDRIA (AXN) **VOR/DME**, MN TO TLBAT, MN MEA 6000.

A0239/22

V71 HOT SPRINGS (HOT) **VOR/DME**, AR TO SPARO, AR MEA 5000.

A0227/22

V218, V505 SQUEAK, MN MCA 10000 NORTHBOUND.
INL **VOR** R-176 RESTRICTIONS.

08/211

AIRSPACE UAS WI AN AREA DEFINED AS 480829N0971609W
(9.6NM SE D06) TO 480836N0972327W (9.5NM S D06) TO 480736N0972917W
(10.3NM SSW D06) TO 480514N0973522W (14.4NM SW D06) TO
481610N0995042W (9.8NM SE RUG) TO 483200N0994600W (8.3NM SE 2H9)
TO 484600N0993600W (6.3NM S 06D) TO 485336N0992513W (7.4NM E 06D)
TO 485439N0971530W (1.7NM S PMB) TO POINT OF ORIGIN SFC-FL280

08/202

AIRSPACE UAS WI AN AREA DEFINED AS 485439N0971530W
(2NM S PMB) TO 484942N0964014W (10NM NE HCO) TO 483722N0961709W
(10NM NE 23D) TO 482554N0960458W (18.6NM NW 3G2) TO
480627N0955538W (10NM ENE TVF) TO 475746N0971617W (3.5NM W GFK) TO
POINT OF ORIGIN 11000FT-FL180

A0218/22

ROUTE ZMP.
V78 WATERTOWN (ATY) **VORTAC**, SD TO CLAPS INT, MN MOCA 3600.

A0186/22

ROUTE ZMP.
V71 BAYAF INT, SD TO COP MEA 6000.
PIR **VORTAC** MEA INCREASE SIGNAL STRENGTH.

A0170/22

ROUTE ZMP.
V171 ROLAG, MN TO APRIW, MN NA EXCEPT FOR ACFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS.
AXN **VOR/DME** R-314 **UNUSABLE** BEYOND 48 NM.

A0157/22

V413 IRONWOOD (IWD) **VOR/DME**, MI TO EAU CLAIRE (EAU) **VORTAC**, WI
CHANGE CHANGE-OVER POINT TO READ 45 NM FROM IWD AND 68 NM FROM
EAU.

**06/089**

AIRSPACE PJE WI AN AREA DEFINED AS 2NM RADIUS OF
90IA SFC-14000FT

A0045/22

ZMP.

V510 ALEXANDRIA (AXN) **VOR/DME**, MN TO SIYON, MN DUAL MEA 6500
EASTBOUND, 5000 WESTBOUND; SIYON, MN TO DAYLE, MN MEA 6500; CHANGE
DAYLE MCA TO READ V510 6500W.

A0007/22

V129 EAU CLAIRE (EAU) **VORTAC**, WI R-176 TO NODINE (ODI) **VORTAC**, MN
MEA 4700.

EAU **VORTAC** R-176 **UNUSABLE** BELOW 4700.

A0006/22

ROUTE ZMP.

V129 EAU CLAIRE (EAU) **VORTAC**, WI R-341 TO COP MEA 6000.

EAU **VORTAC** R-341 **UNUSABLE** BEYOND 40 NM BELOW 6000.

A0004/22

ROUTE ZMP.

V26 EAU CLAIRE (EAU) **VORTAC**, WI R-088 FROM 40 NM TO COP MEA 7500.

EAU **VORTAC** R-088 **UNUSABLE** BEYOND 40 NM BELOW 7500.

A0169/21

V561 JAMESTOWN (JMS) **VOR/DME**, ND TO PIERRE (PIR) **VORTAC**, SD MOCA
3800.

A0159/21

ROUTE ZMP ZKC.

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

A0137/21

ROUTE ZMP.

V505 ALMAY, MN TO PRAGS, MN MOCA 2800.

A0136/21

..ROUTE ZMP.

V505 GUMBO, IA TO FORT DODGE (FOD) **VORTAC**, IA MEA 3100.

A0116/21

ROUTE ZMP.

V172 WUNOT, IA TO LINDE, IA MOCA 3900.

A0016/21

V561 PIERRE (PIR) **VORTAC**, SD TO JAMESTOWN (JMS) **VOR/DME**, ND MOCA
3500.

A0005/21

V551 SALINA (SLN) **VORTAC**, KS TO MANKATO (TKO) **VORTAC**, KS MEA 6000.

KZDV**DENVER FIR/UIR**

Please see section EXTENDED AREA AROUND DESTINATION



[Company NOTAM]

=====

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.

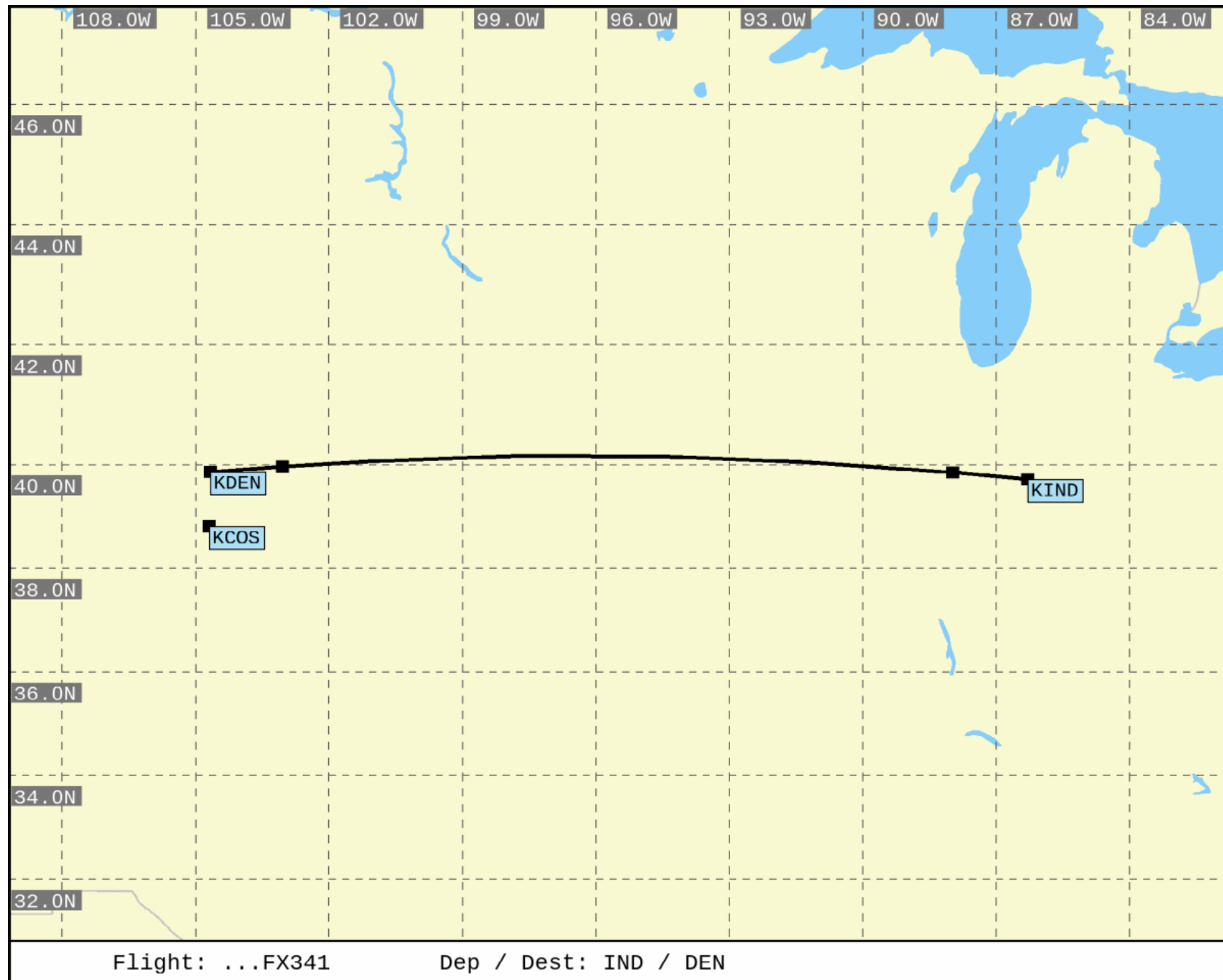
=====

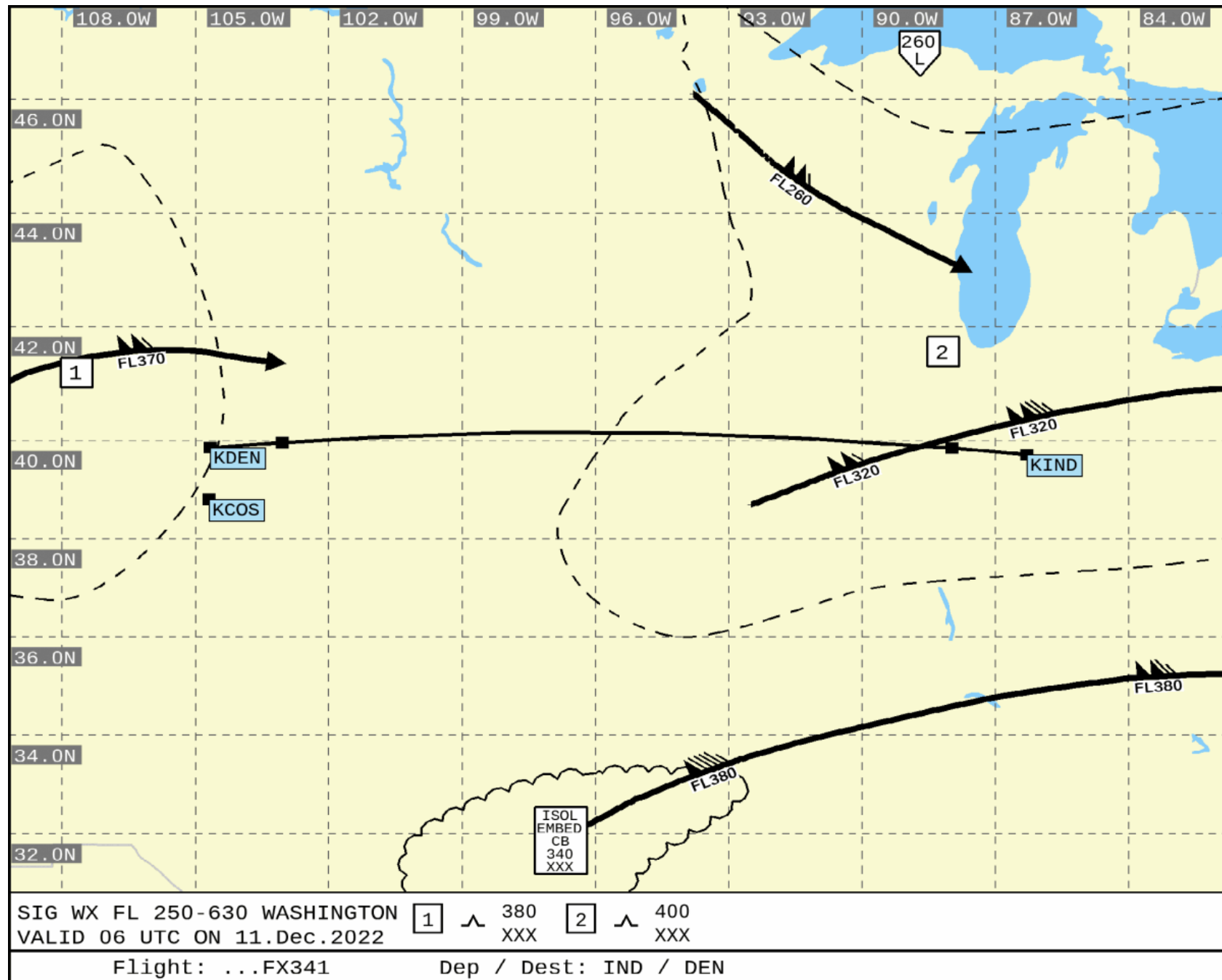
CREW BULLETIN

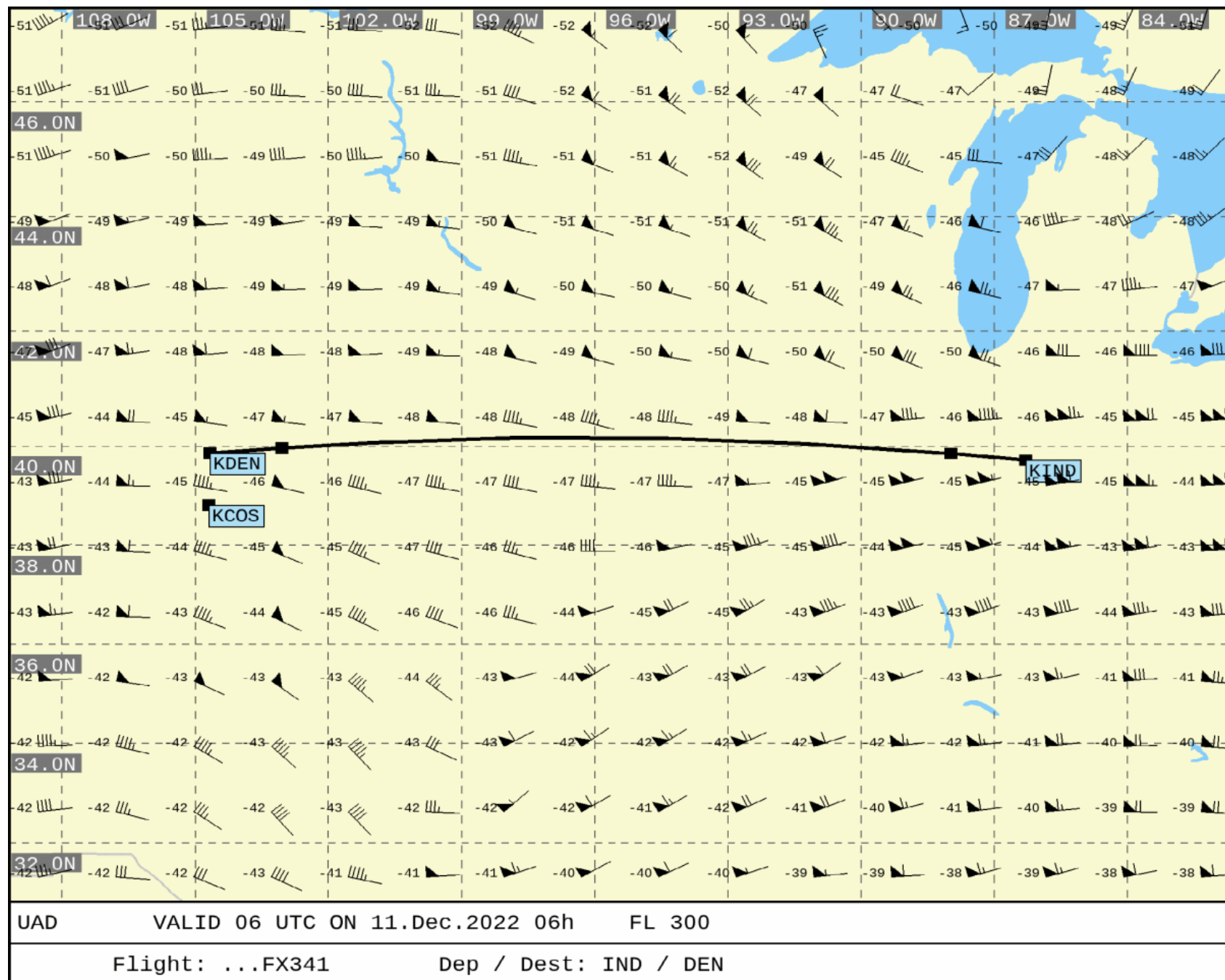
=====

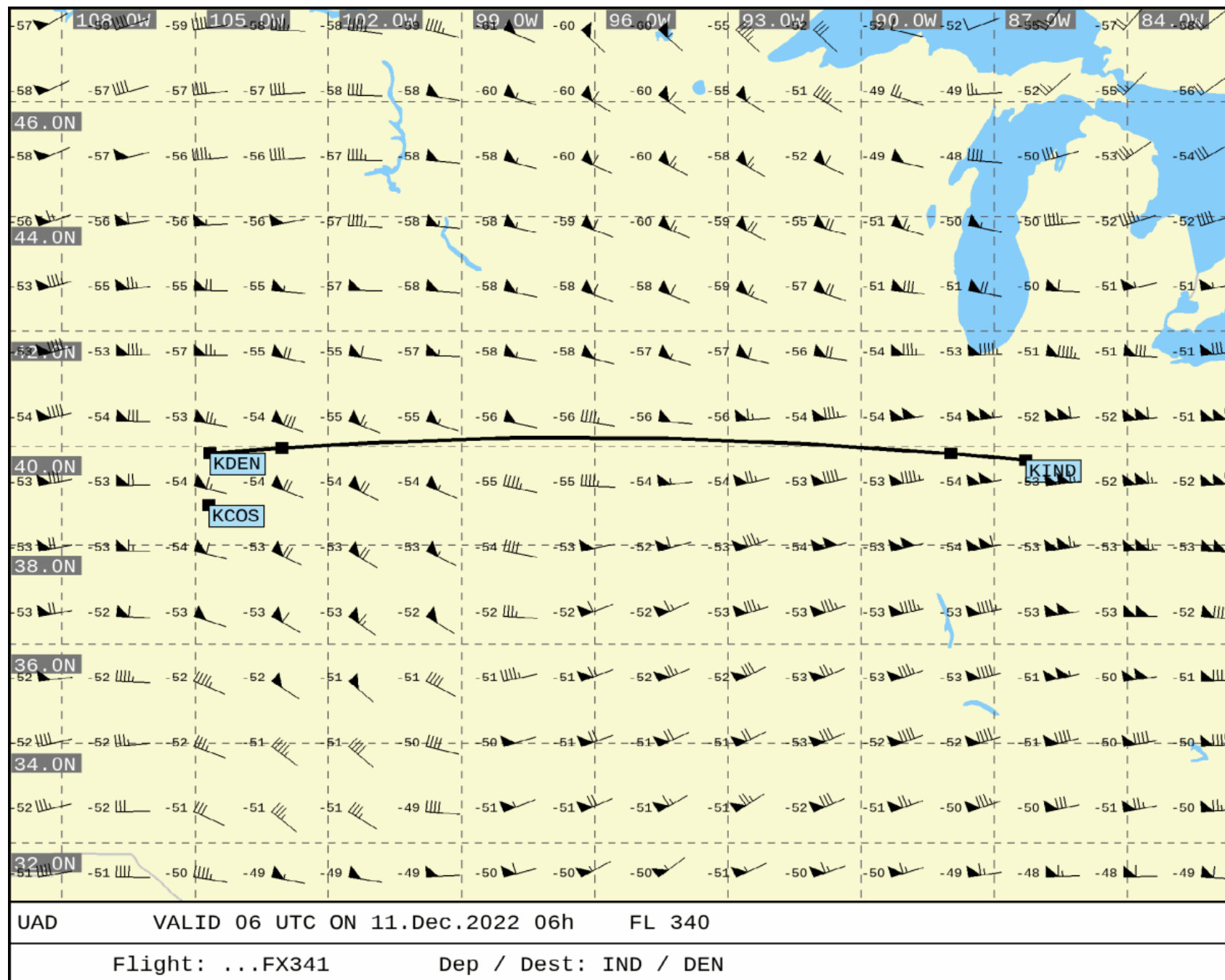
NIL

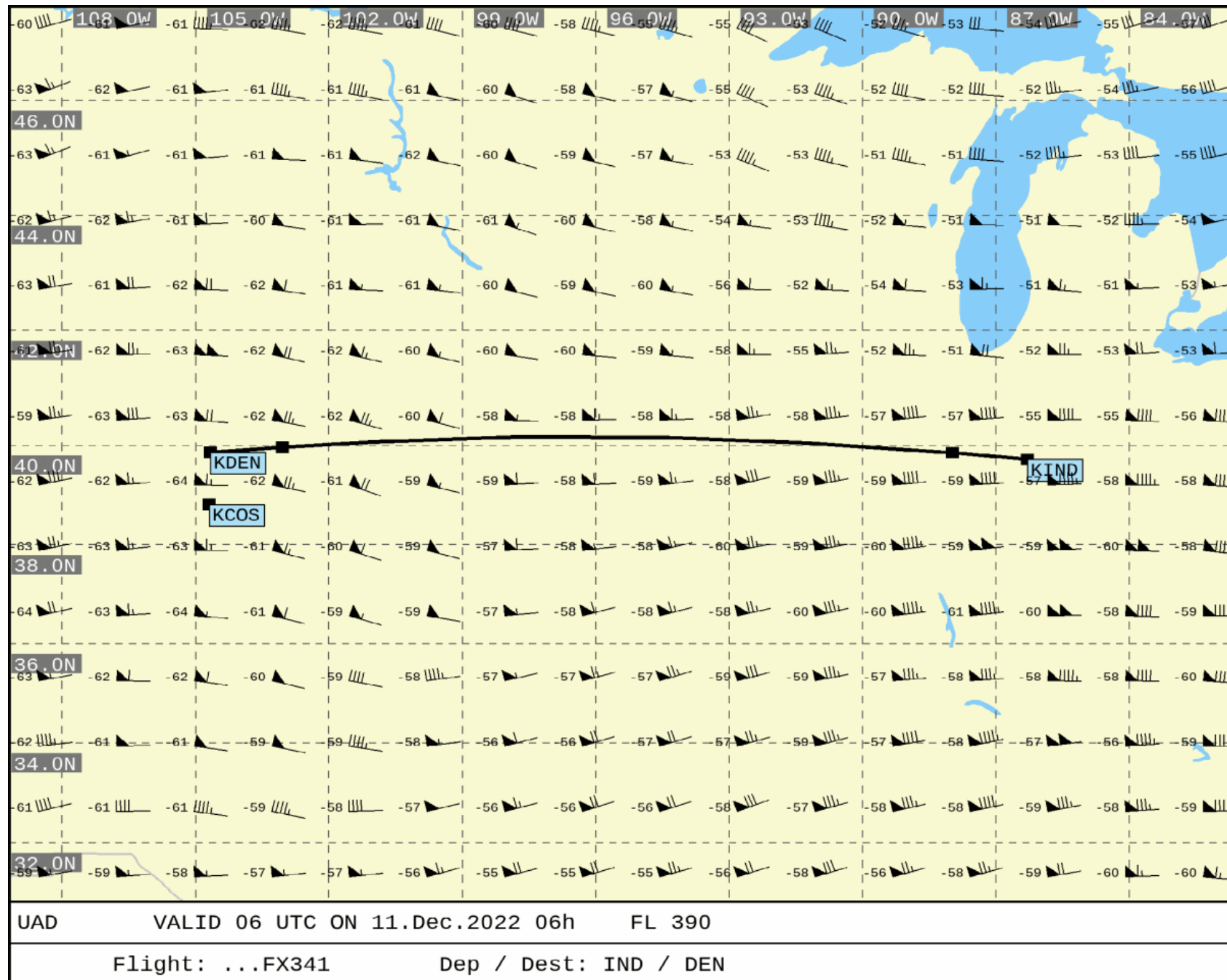
===== END OF LIDO-NOTAM-BULLETIN =====

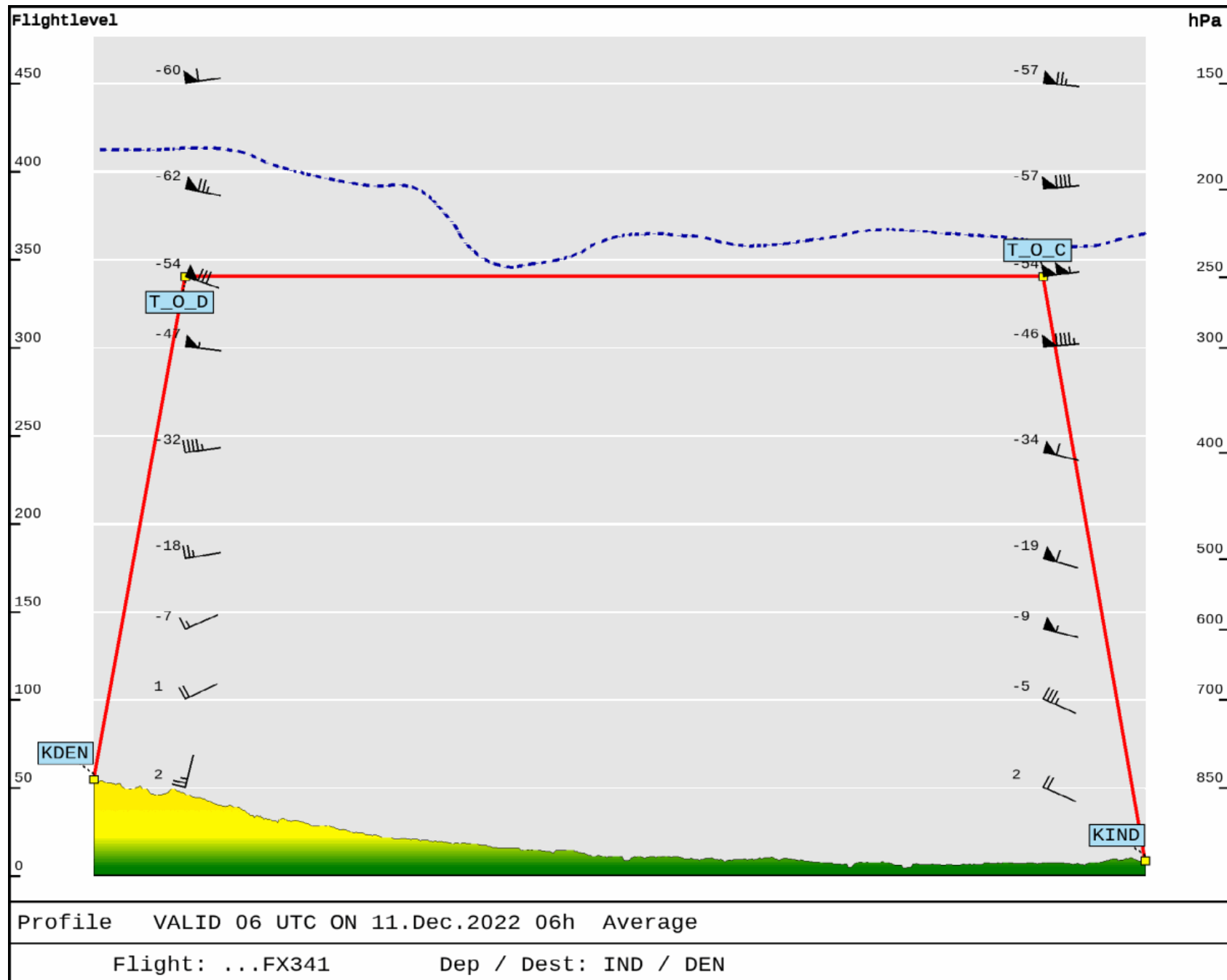














End of Document: Total Number of Pages: 37