

RADIO FIX AND HOLDING DATA RECORD

NAME: AZUMO

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412727.94N/0870017.27W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	KNOX	OXI	VOR/DME	H	297.00	297.00	18.00	18.00		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V340	1				IN (US)
STAR	FISSK (RNAV)			KMDW	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REQUIRED CHARTING: REMOVED "CONTROLLER", ADDED "CONTROLLER LOW"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Dec 22, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BOCAH

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415100.78N/0872015.49W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
FISSK (RNAV)
PANGG (RNAV)

FAC

PAT

AIRPORT IDENT
KMDW
KMDW

CITY
CHICAGO
CHICAGO

STATE
IL (US)
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/20/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Dec 22, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CTLER

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413328.39N/0875336.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
FISSK (RNAV)
PANGG (RNAV)

FAC

PAT

AIRPORT IDENT
KMDW
KMDW

CITY
CHICAGO
CHICAGO

STATE
IL (US)
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/27/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/16/2013

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE: *Digitally signed by*

JASON KRETSCHMER

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MDW TOWER, ORD APP CON
OTHER:

Dec 22, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DROSE

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 403139.41N/0860328.82W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FIX NAME CHANGED FROM BVDEE TO DROSE

FIX USE:

USE TYPE
STAR

USE TITLE
FISSK (RNAV)

FAC

PAT

AIRPORT IDENT
KMDW

CITY
CHICAGO

STATE
IL (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

NAME: CHANGED FROM "BVDEE" TO "DROSE"

FIX USE: REMOVED "OTHER" ADDED "FISSK (RNAV) STAR"

REQUIRED CHARTING: ADDED "STAR"

REMARKS: ADDED "FIX NAME CHANGED FROM BVDEE TO DROSE"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Dec 22, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FISSK

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410257.00N/0862558.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E		WP	110.91	290.91	R	8	3400	18000	11	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-000392)	410808.99N/0861448.98W	1380	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
USED TEMPLATE 11 FOR HOLDING, ATC REQUEST 8NM LEGS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FISSK (RNAV)		1	KMDW	CHICAGO	IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

CONTROLLING OBSTRUCTIONS: PAT 1 AIRSPEED CHANGED FROM "230" TO "200"; COORDINATES UPDATED FROM "410809.00N/0861449.00W" TO "410808.99N/0861448.98W"; ELEVATION UPDATED FROM "1391" TO "1380" - CONTROLLER REMAINS THE SAME, RECEIVED A NEW SURVEY

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER

Dec 22, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GOTNE

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 405740.58N/0860252.95W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
FISSK (RNAV)

FAC

PAT

AIRPORT IDENT
KMDW

CITY
CHICAGO

STATE
IL (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REQUIRED CHARTING: REMOVED "CONTROLLER", ADDED "CONTROLLER LOW" AND "CONTROLLER HIGH"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Dec 22, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: STASH

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414615.08N/0861923.31W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E		WP	090.00	270.00	R	10	6000	10000	15	15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001499)	414457.60N/0860710.50W	1300	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FISSK (RNAV)		1	KMDW	CHICAGO	IL (US)
STAR	PANGG (RNAV)		1	KMDW	CHICAGO	IL (US)
STAR	ERNNY (RNAV)			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

HOLDING: ADDED PATTERN 1 WITH ASSOCIATED CONTROLLING OBSTACLE, RESTRICTION, AND REMARK
FIX USE: ADDED "FISSK (RNAV)" AND "PANGG (RNAV)" STARS

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Dec 22, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: STERE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415100.76N/0871935.35W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP

IAP

USE TITLE

RNAV (GPS) Z RWY 22L

RNAV (RNP) Y RWY 22L

FAC

PAT

AIRPORT IDENT

KMDW

KMDW

CITY

CHICAGO

CHICAGO

STATE

IL (US)

IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

FIX USE: REMOVED "FISSK (RNAV)" AND "PANGG (RNAV)" STARS

REQUIRED CHARTING: REMOVED "STAR"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

Dec 22, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TACTT

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415100.82N/0872616.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP	RNAV (GPS) Z RWY 22L
IAP	RNAV (RNP) Y RWY 22L
STAR	FISSK (RNAV)
STAR	PANGG (RNAV)

FAC

PAT

AIRPORT IDENT

CITY

STATE

KMDW	CHICAGO
KMDW	CHICAGO
KMDW	CHICAGO
KMDW	CHICAGO

IL (US)
IL (US)
IL (US)
IL (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

FIX USE: ADDED "FISSK (RNAV)" AND "PANGG (RNAV)" STARS
REQUIRED CHARTING: ADDED "STAR"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Dec 22, 2022

QUALITY
14
CHECKED