

RADIO FIX AND HOLDING DATA RECORD

NAME: GERMN

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414206.60N/0871506.58W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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: 1

DATE OF REVISION: 07/24/2014

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVED 3.5 NM NORTH EAST (FIX NAME RETAINED AT ATC REQUEST).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/22/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 07/24/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: GIPPER VORTAC

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414607.00N/0861906.43W

TYPE:

AIRSPACE DOCKET: 22-AGL-20

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	GIPPER	GIJ	VORTAC	H						45000

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 ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	N	GIJ	VORTAC	000.87	180.87	L	1	2300 10000	4 9
2	W	GIJ	VORTAC	281.93	101.93	R	1	2400 10000	4 9
3	W	GIJ	VORTAC	270.00	090.00	R	1 1/2	18000 45000	16 29
4	E		WP	090.00	270.00	R		8000 10000	15 15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001350)	415251.00N/0861813.00W	1250	5D
2	200	TOWER (18-001917)	414435.00N/0863125.00W	1180	5D
4	230	TOWER (18-001490)	414457.60N/0860710.50W	1300	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

PATTERN 4: EVALUATED AT 10 DME LEG LENGTH AT ATC REQUEST.

ASSIGNED FACILITY MAG VAR: 00E 1965

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CICERO			KMDW	CHICAGO	IL (US)
DP	MIDWAY			KMDW	CHICAGO	IL (US)
DP	O'HARE			KORD	CHICAGO	IL (US)
DP	PAL-WAUKEE			KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)
EN ROUTE	J146		3			(US)
EN ROUTE	J554		3			(US)
EN ROUTE	V10					(US)
EN ROUTE	V156					(US)
EN ROUTE	V228					(US)
EN ROUTE	V526					(US)
EN ROUTE	V55					(US)
EN ROUTE	V6					(US)
IAP	ILS OR LOC RWY 27			KEKM	ELKHART	IN (US)
IAP	RNAV (GPS) RWY 18			KEKM	ELKHART	IN (US)
IAP	RNAV (GPS) RWY 36			KEKM	ELKHART	IN (US)
IAP	VOR RWY 9		2	KEKM	ELKHART	IN (US)
IAP	ILS OR LOC RWY 27		1	KGSH	GOSHEN	IN (US)
IAP	RNAV (GPS) RWY 02			KPPO	LA PORTE	IN (US)
IAP	RNAV (GPS) RWY 20			KPPO	LA PORTE	IN (US)
IAP	ILS OR LOC RWY 27L		1	KSBN	SOUTH BEND	IN (US)
IAP	ILS OR LOC RWY 9R		1	KSBN	SOUTH BEND	IN (US)
IAP	ILS RWY 27L (SA CAT I & II)		1	KSBN	SOUTH BEND	IN (US)
IAP	VOR RWY 18		1	KSBN	SOUTH BEND	IN (US)
IAP	VOR RWY 28			KBEH	BENTON HARBOR	MI (US)
IAP	RNAV (GPS) RWY 09			C91	DOWAGIAC	MI (US)
IAP	RNAV (GPS) RWY 5			KAZO	KALAMAZOO	MI (US)
IAP	RNAV (GPS) RWY 15			3TR	NILES	MI (US)
IAP	RNAV (GPS) RWY 33			3TR	NILES	MI (US)
IAP	VOR-A			3TR	NILES	MI (US)
STAR	GOSHEN		3	KIGQ	CHICAGO	IL (US)
STAR	FISCK (RNAV)		4	KMDW	CHICAGO	IL (US)
STAR	GOSHEN		3	KMDW	CHICAGO	IL (US)
STAR	PANGG (RNAV)		4	KMDW	CHICAGO	IL (US)
STAR	KNOX			KORD	CHICAGO	IL (US)
STAR	GOSHEN		3	KGYG	GARY	IN (US)
STAR	GOSHEN		3	05C	GRIFFITH	IN (US)
STAR	GOSHEN		3	3HO	HOBART	IN (US)

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

COMPULSORY REPORTING POINT: NO**RECORD REVISION NUMBER: 33****DATE OF REVISION: 04/20/2023****REASON FOR REVISION:**

1. ADDED AIRSPACE DOCKET 22-AGL-20.
2. CHANGED PAT 4 CONTROLLING OBSTRUCTION COORDINATES FROM "414457.00N/0860711.00W" TO "414457.60N/0860710.50W" AND ACCURACY CODE FROM "5D" TO "2C".
3. DELETED MITCHELL DP AT KMKE IN FIX USE.
4. DELETED V6-10 IN FIX USE.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

NAME: DANIEL JOHNSEN**APPROVED BY:****DATE: 04/20/2023****OFFICE: AJV-A420****NAME: MARLON ROBINSON****SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: HAADN

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413453.03N/0872252.46W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

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: 07/24/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/22/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 07/24/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HALIE

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413057.85N/0870931.95W

TYPE: WP, INT, 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 FAC NM	FEET	MRA	MAA
1	KNOX	OXI	VOR/DME	H	297.00	297.00	25.78	25.78		3000	23000
2	PEOTONE	EON	VORTAC	L	060.42	062.42		32.15		2600	23000
3	CHICAGO HEIGHTS	CGT	VORTAC	L	086.74	088.74	18.60	18.60		2600	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EON	VORTAC	R-060	33	18600	23000

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	OXI	VOR/DME	297.00	297.00	L	1-1 1/2		11000	23000	11	21
2	SE		WP	124.27	304.27	R		5	2400	10000	5	10
3	SE		WP	120.00	300.00	L		7	11000	23000	10	20
4	SE		WP	117.00	297.00	L		8	7000	31000	11	24
5	E	CGT	VORTAC	086.74	266.74	L	1-1 1/2		3000	18000	5	18
6	E		WP	093.18	273.18	L		8	2400	6000	11	12
7	SE		WP	117.00	297.00	L		10	7000	31000	15	24

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (18-000847)	413117.00N/0870126.00W	1320	2C
2	200	TOWER (18-000847)	413117.00N/0870126.00W	1320	2C
3	230	TOWER (18-000847)	413117.00N/0870126.00W	1320	2C
4	230	TOWER (18-000847)	413117.00N/0870126.00W	1320	2C
5	200	TOWER (18-000847)	413117.00N/0870126.00W	1320	2C
6	200	TOWER (18-000847)	413117.00N/0870126.00W	1320	2C
7	230	TOWER (18-000847)	413117.00N/0870126.00W	1320	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIRSPACE: REMAIN CLEAR OF CHICAGO METROPOLITAN AREA DEPARTURE TRAFFIC.
 PAT 3 ATC REQUEST
 PAT 4 ATC REQUEST
 PAT 5 ATC REQUEST
 PAT 6 ATC REQUEST
 PAT 7 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

KNOX (FAC 1) AND PEOTONE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLDING PATTERN 4 & 6 USED TEMPLATE 11 FOR 8 DME LEG LENGTH AT ATC REQUEST.
 HOLDING PATTERN 7 USED TEMPLATE 15 FOR 10 DME LEG LENGTH AT ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V340	1, 2, 3				(US)
EN ROUTE	V8-92-126	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 27			KIGQ	CHICAGO	IL (US)
IAP	RNAV (RNP) Y 22L			KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 20		2	KGYG	GARY	IN (US)
IAP	RNAV (GPS) RWY 18			KOXI	KNOX	IN (US)
STAR	GOSHEN	1, 2, 3	5	KIGQ	CHICAGO	IL (US)
STAR	FISSK (RNAV)			KMDW	CHICAGO	IL (US)
STAR	GOSHEN	1, 2, 3	5	KMDW	CHICAGO	IL (US)
STAR	PANGG (RNAV)		6	KMDW	CHICAGO	IL (US)
STAR	ESSPO (RNAV)		4	KORD	CHICAGO	IL (US)
STAR	KNOX	1	1	KORD	CHICAGO	IL (US)
STAR	VEECK (RNAV)		7	KORD	CHICAGO	IL (US)
STAR	WATSN (RNAV)		4	KORD	CHICAGO	IL (US)
STAR	GOSHEN	1, 2, 3	5	KGYG	GARY	IN (US)
STAR	GOSHEN	1, 2, 3	5	05C	GRIFFITH	IN (US)
STAR	GOSHEN	1, 2, 3	5	3HO	HOBART	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 10/15/2015

REASON FOR REVISION:

HOLDING PAT 4: CHANGED MIN/MAX TEMPLATES FROM 9/25 TO 11/24.
HOLDING PAT 7: ADDED.
ADD REMARKS FOR NON STANDARD HOLDING FOR PATTERNS 3-5.
UPDATE/ADD REMARKS FOR HOLDING PATTERN TEMPLATES.
UPDATE FIX USE: CHANGED VEECK HOLDING PATTERN FROM 4 TO 7.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****DEVELOPED BY:****DATE:** 03/03/2015**OFFICE:** AJV-353**NAME:** THOMAS KIRKPATRICK**APPROVED BY:****DATE:** 08/17/2015**OFFICE:** AJV-353**NAME:** GEORGE GONZALEZ**SIGNATURE:****DISTRIBUTION:**

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: CHICAGO APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HILLS

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413725.40N/0873134.18W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	CHICAGO MIDWAY	I-MXT	LOC/DME		137.57	133.57	14.59	14.63		5000	5100
2	CHICAGO HEIGHTS	CGT	VORTAC	L	014.67	016.67		7.12		2200	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHICAGO MIDWAY (FAC 1) AND CHICAGO HEIGHTS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-MXT DME COORDINATES: 414732.95N/0874536.16W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	ILS Z RWY 31C	1, 2		KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC/DME RWY 31C	1, 2		KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 31C			KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) Y RWY 31C			KMDW	CHICAGO	IL (US)
STAR	FISSK (RNAV)			KMDW	CHICAGO	IL (US)
STAR	PANGG (RNAV)			KMDW	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

FAC 1: CHANGED MAA FROM 17500 TO 5100.
REMOVED FIX RESTRICTIONS AND MOVED ILS Z RWY 31C TO FIX USE.
UPDATED FIX USE - CHANGED IAP TO SPECIAL IAP FOR THE ILS Z RWY 31C AT KMDW.
ADDED SPECIAL IAP TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: KOKOMO VORTAC **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 403140.01N/0860328.80W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	KOKOMO	OKK	VORTAC	H						45000

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	OKK	VORTAC	225.07	045.07	R	1		2400	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-000544)	402704.00N/0860212.00W	1335	5D

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 5W 2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V214					(US)
EN ROUTE	V285					(US)
EN ROUTE	V305					(US)
EN ROUTE	V96					(US)
IAP	RNAV (GPS) RWY 9			KIWH	WABASH	IN (US)
IAP	VOR-A		1	KIWH	WABASH	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22 **DATE OF REVISION:** 05/19/2022

REASON FOR REVISION:

- HOLDING: DELETED PAT 1, PAT 2, AND PAT 3.
- FIX USE: DELETED DP MEARZ [KEYE, KHFY, KIND, KMQJ, KTYQ, KUMP, AND KEGZ], DP INDY KIND, IAP ILS OR LOC RWY 30 KAID, IAP NDB RWY 30 KAID, IAP RNAV (GPS) RWY 27 KFKR, IAP RNAV (GPS) RWY 18 KTYQ, IAP VOR RWY 18 KTYQ, IAP ILS OR LOC RWY 23 KOKK, IAP RNAV (GPS) RWY 23 KOKK, IAP RNAV (GPS) RWY 5 KOKK, IAP VOR RWY 32 KOKK, IAP ILS OR LOC RWY 10 KLAF, IAP VOR-A KGGP, IAP ILS OR LOC RWY04 KMZZ, IAP VOR RWY 1 I76, IAP RNAV (GPS) RWY 23 5I4, IAP VOR-A 5I4, AND STAR FISSK (RNAV) KMDW.
- REQUIRED CHARTING: REMOVED DP AND STAR.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** KARNA MORE

APPROVED BY: **DATE:** 05/19/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LNAME

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414518.38N/0871642.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

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: 07/24/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/22/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 07/24/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: OLCYK

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413224.69N/0873616.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

IAP
STAR
STAR

USE TITLE

RNAV (RNP) Y RWY 4R
FISSK (RNAV)
PANGG (RNAV)

FAC

PAT

AIRPORT IDENT

KMDW
KMDW
KMDW

CITY

CHICAGO
CHICAGO
CHICAGO

STATE

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

REQUIRED CHARTING: STAR, IAP

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: 04/30/2013

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: OZZEY

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412357.00N/0865600.60W

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	SE		WP	143.21	323.21	L	8	3400	14000	11	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-002181)	412609.00N/0865048.00W	1235	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

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

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: 2

DATE OF REVISION: 07/24/2014

REASON FOR REVISION:

HOLDING: CHANGED RAD/CRS/BRG FROM 140.21 TO 143.21, BRG INBOUND FROM 320.21 TO 323.21, MIN/MAX ALTITUDES FROM 6000/17500 TO 3400/14000, AIRSPEED FROM 230 TO 200.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/23/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 07/24/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: TINLY

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413319.08N/0875057.56W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

IAP
STAR
STAR

USE TITLE

RNAV (RNP) Y RWY 13C
FISSK (RNAV)
PANGG (RNAV)

FAC

PAT

AIRPORT IDENT

KMDW
KMDW
KMDW

CITY

CHICAGO
CHICAGO
CHICAGO

STATE

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

REQUIRED CHARTING: STAR, IAP

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: 04/30/2013

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: TROLY

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 404140.35N/0860315.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
STAR

USE TITLE
RNAV (GPS) RWY 15
FISSK (RNAV)

FAC

PAT

AIRPORT IDENT
KMZZ
KMDW

CITY
MARION
CHICAGO

STATE
IN (US)
IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 08/15/2019

REASON FOR REVISION:

1. ADDED RNAV (GPS) RWY 15 AT KMZZ TO FIX USE.
2. ADDED IAP TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: LIAM DONAHUE

APPROVED BY:

DATE: 04/15/2019

OFFICE: AJV-A43

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: VEECK

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410731.00N/0863709.00W

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	103.95	283.95	L	10	9000	45000	15	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (18-000392)	410809.00N/0861449.00W	1391	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING USED MIN TEMPLATE 15 FOR 10 DME LEG LENGTH AT ATC REQUEST.

FIX USE:

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 10/15/2015

REASON FOR REVISION:

HOLDING: CHANGED DME FROM 9 TO 10, MIN TEMPLATE FROM 13 TO 15 (AND UPDATE REMARKS).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/09/2015

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 08/17/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY:
OTHER: