

RADIO FIX AND HOLDING DATA RECORD

NAME: BAMBB

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420527.50N/0881631.34W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR ERNNY (RNAV)
STAR ESSPO (RNAV)
STAR VEECK (RNAV)
STAR WYNDE (RNAV)

KORD CHICAGO
KORD CHICAGO
KORD CHICAGO
KORD CHICAGO

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/11/2010

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/15/2009

OFFICE: AVN-120

NAME: STEVEN SZUKALA (SCOTT CORY)

APPROVED BY:

DATE: 11/04/2009

OFFICE: AVN-120

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ERNNY

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422019.39N/0873203.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

STAR MEA 6000.

FIX USE:

USE TYPE

STAR
STAR

USE TITLE

ERNNY (RNAV)
WYNDE (RNAV)

FAC

PAT

AIRPORT IDENT

KORD
KORD

CITY

CHICAGO
CHICAGO

STATE

IL (US)
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

DELETED FAC 1/2 FACILITIES. FIX USED AS A WP ONLY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE:

OFFICE: AJV-5440

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: FLINT VORTAC **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 425800.38N/0834449.08W **TYPE:**
AIRSPACE DOCKET: 19-AGL-02 **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	FLINT	FNT	VORTAC	H							45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N	FNT	VORTAC	012.00	192.00	R	1		2600	4000	4	4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001812)	430228.98N/0834127.91W	1099	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAG VAR: 6W 2000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J36					(US)
EN ROUTE	J547					(US)
EN ROUTE	J68					(US)
EN ROUTE	J94					(US)
EN ROUTE	Q818					(US)
EN ROUTE	Q822					(US)
EN ROUTE	Q824					(US)
EN ROUTE	T616					(US)
EN ROUTE	T781					(US)
IAP	RNAV (GPS) RWY 6			KCFS	CARO	MI (US)
IAP	VOR/DME-A			KCFS	CARO	MI (US)
IAP	ILS OR LOC RWY 27			KFNT	FLINT	MI (US)
IAP	ILS OR LOC RWY 9			KFNT	FLINT	MI (US)
IAP	RNAV (GPS) RWY 9			KFNT	FLINT	MI (US)
IAP	VOR RWY 18			KFNT	FLINT	MI (US)
IAP	VOR RWY 36			KFNT	FLINT	MI (US)
IAP	ILS OR LOC RWY 13			KOZW	HOWELL	MI (US)
IAP	RNAV (GPS) RWY 13			KOZW	HOWELL	MI (US)
IAP	ILS OR LOC RWY 10R			KLAN	LANSING	MI (US)
IAP	VOR-A			D95	LAPEER	MI (US)
IAP	VOR-A		1	9G2	LINDEN	MI (US)
IAP	VOR/DME RWY 29			KRNP	OWOSSO	MI (US)
IAP	RNAV (GPS) RWY 27L			KPTK	PONTIAC	MI (US)
IAP	RNAV (GPS) RWY 9R			KPTK	PONTIAC	MI (US)
IAP	ILS OR LOC RWY 4			KPHN	PORT HURON	MI (US)
IAP	NDB RWY 4			KPHN	PORT HURON	MI (US)
IAP	ILS OR LOC RWY 28			KHYX	SAGINAW	MI (US)
IAP	RNAV (GPS) RWY 10			KHYX	SAGINAW	MI (US)
IAP	RNAV (GPS) RWY 28			KHYX	SAGINAW	MI (US)
IAP	VOR RWY 14			KMBS	SAGINAW	MI (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

REMOVED V450 FROM FIX USE
 ADDED DOCKET NUMBER

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: NICHOLAS JACKSON

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:**DISTRIBUTION:**

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: FNT APP CON, FNT TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: GAULT

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 440436.79N/0850537.13W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	N		WP	016.26	196.26	R	12	9000	32000	20	24

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (26-000202)	440812.00N/0852033.00W	2999	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1: 12 DME LEG LENGTH AT ATC REQUEST.

FIX USE:

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX TYPE; REMOVED DME AND INT.
FIX MAKE-UP FACILITIES; DELETED FAC 1 & 2.
HOLDING; DELETED VOR/DME PATTERN.
FIX USE; DELETED STAR PAITN @ KORD.
UPDATED REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/05/2017

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JODEE

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 451643.30N/0844203.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	N		WP	016.53	196.53	R	12	9000	32000	20	24

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (26-001587)	451014.00N/0844505.00W	2168	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1: EVALUATED WITH 12 DME LEG LENGTH AT ATC REQUEST.

FIX USE:

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX TYPE; DELETED DME.
FIX MAKE-UP FACILITIES; DELETED FAC 1.
HOLDING; DELETED VOR/DME PATTERN.
FIX USE; REMOVED STAR PAITN @ KORD.
UPDATED REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/05/2017

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JORJO

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415304.14N/0875918.78W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JORJO (RNAV)			KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)
DP	JORJO (RNAV)			KUGN	CHICAGO/WAUKEGAN	IL (US)
STAR	BENKY (RNAV)			KORD	CHICAGO	IL (US)
STAR	ERNNY (RNAV)			KORD	CHICAGO	IL (US)
STAR	ESSPO (RNAV)			KORD	CHICAGO	IL (US)
STAR	FYTTE (RNAV)			KORD	CHICAGO	IL (US)
STAR	MADII (RNAV)			KORD	CHICAGO	IL (US)
STAR	TRTLL (RNAV)			KORD	CHICAGO	IL (US)
STAR	VEECK (RNAV)			KORD	CHICAGO	IL (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: DP, STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/13/2014

REASON FOR REVISION:

UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/30/2014

OFFICE: AJV-353

NAME: AISHAT NAUZO

APPROVED BY:

DATE: 11/13/2014

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: KURKK

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420530.61N/0880137.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BENKY (RNAV)			KORD	CHICAGO	IL (US)
STAR	ERNNY (RNAV)			KORD	CHICAGO	IL (US)
STAR	ESSPO (RNAV)			KORD	CHICAGO	IL (US)
STAR	FYTTE (RNAV)			KORD	CHICAGO	IL (US)
STAR	MADII (RNAV)			KORD	CHICAGO	IL (US)
STAR	TRTLL (RNAV)			KORD	CHICAGO	IL (US)
STAR	VEECK (RNAV)			KORD	CHICAGO	IL (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/13/2014

REASON FOR REVISION:

UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/30/2014

OFFICE: AJV-353

NAME: AISHAT NAUZO

APPROVED BY:

DATE: 11/13/2014

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: LTOUR

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 425057.69N/0845505.90W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
WYNDE (RNAV)

FAC

PAT

AIRPORT IDENT
KORD

CITY
CHICAGO

STATE
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX TYPE, REMOVED DME.

FIX MAKE-UP, REMOVED FAC 1 FLINT (FNT) AND FAC 2 VICTORY (VIO).

FIX USE, REMOVED STAR PAITN @ KORD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/04/2017

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: MONKZ

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415303.59N/0874806.47W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
DP

USE TITLE
MONKZ (RNAV)

FAC

PAT

AIRPORT IDENT
KPWK

CITY
CHICAGO/PROSPECT
HEIGHTS/WHEELING
CHICAGO/WAUKEGAN

STATE
IL (US)

DP
STAR
STAR
STAR
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STAR
STAR
STAR

MONKZ (RNAV)
BENKY (RNAV)
ERNNY (RNAV)
ESSPO (RNAV)
FYTTE (RNAV)
MADII (RNAV)
TRTLL (RNAV)
VEECK (RNAV)
WYNDE (RNAV)

KUGN
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REQUIRED CHARTING: DP, STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/13/2014

REASON FOR REVISION:
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/30/2014

OFFICE: AJV-353

NAME: AISHAT NAUZO

APPROVED BY:

DATE: 11/13/2014

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: OBSTR

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 434142.20N/0851253.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
WYNDE (RNAV)

FAC

PAT

AIRPORT IDENT
KORD

CITY
CHICAGO

STATE
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX TYPE; REMOVED DME.
FIX MAKE-UP; REMOVED FAC 1.
FIX USE; REMOVED STAR PAITN @ KORD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/06/2017

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: PAPPI

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421611.90N/0873625.93W

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	CHICAGO HEIGHTS	CGT	VORTAC	L	356.00	358.00	45.61	45.61		2500	17500
2	NORTHBROOK	OBK	VOR/DME	H	081.13	079.13	15.62	15.62		2500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CGT	VORTAC	R-356	46	2500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHICAGO HEIGHTS (FAC 1) AND NORTHBROOK (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V7	1, 2				(US)
EN ROUTE	V84	1, 2				(US)
IAP	RNAV (GPS) RWY 23			KUGN	CHICAGO/WAUKEGAN	IL (US)
IAP	RNAV (GPS) RWY 33			KENW	KENOSHA	WI (US)
STAR	ERNNY (RNAV)			KORD	CHICAGO	IL (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

REMOVED KPWK RNAV (GPS) RWY 16 FROM FIX USE.
REMOVED KUGN RNAV (GPS) RWY 5 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: ANDRE TUCKER

APPROVED BY:

DATE: 05/12/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PECOK **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 440027.67N/0854314.71W **TYPE:** WP, 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	MRA	MAA
1	TRAVERSE CITY	TVC	VOR/DME	VH	192.57	190.57	40.29	40.29	18000	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

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		WP	013.57	193.57	R	10	9000 28000	15 22

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (26-000204)	441633.00N/0854249.00W	2549	5E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1: EVALUATED WITH 10 DME LEG LENGTH AT ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J548	1				
STAR	WYNDE (RNAV)		1	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:

TYPE: REMOVED INT.
FIX MAKE-UP: REMOVED FAC GRB.
FIX MAKE-UP: CHANGED TVC CLASS FROM H TO VH AND CHANGED THE MRA FROM 12000 TO 18000
ESV: REMOVED ALL ESV'S.
REMARKS: REMOVED NOTE GREEN BAY (FAC 1) AND TRAVERSE CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
FIX USE: ADDED J548.
CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A442	NAME: TARA MARTINELLI
APPROVED BY:	DATE: 08/10/2023	OFFICE: AJV-A442	NAME: DAVID DANNER
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: POSSM

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415228.78N/0881630.63W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR ERNNY (RNAV)
STAR ESSPO (RNAV)
STAR VEECK (RNAV)
STAR WYNDE (RNAV)

KORD CHICAGO
KORD CHICAGO
KORD CHICAGO
KORD CHICAGO

IL (US)
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IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/15/2015

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVED 3407 FEET (0.56 NM) SOUTH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/02/2015

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: RHIVR

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 423845.44N/0861614.15W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
WYNDE (RNAV)

FAC

PAT

AIRPORT IDENT
KORD

CITY
CHICAGO

STATE
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX MAKE-UP; REMOVED FAC 1 VICTORY (VIO).

FIX TYPE; REMOVED DME.

FIX USE; REMOVED STAR PAITN @ KORD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/04/2017

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: SAULT STE MARIE VOR/DME

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 462443.60N/0841853.54W

TYPE:

AIRSPACE DOCKET: 23-AGL-40

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	SAULT STE MARIE	SSM	VOR/DME	VH						45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

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	SSM	VOR/DME	157.00	337.00	R	1	2400 10000	4 9
2	NE		WP	039.00	219.00	R	4	3000 10000	5 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	462627.00N/0841324.00W	1024	4E
2	200	AAO	463442.00N/0841330.00W	1424	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 4W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J101					(US)
EN ROUTE	J140					(US)
EN ROUTE	Q138					(US)
EN ROUTE	Q917					(US)
EN ROUTE	T675					(US)
EN ROUTE	T776					(US)
EN ROUTE	T810					(US)
EN ROUTE	V193					(US)
EN ROUTE	V300					(US)
EN ROUTE	V45					(US)
IAP	HI-ILS OR LOC RWY 1			KAPN	ALPENA	MI (US)
IAP	HI-TACAN RWY 19			KAPN	ALPENA	MI (US)
IAP	HI-VOR OR TACAN RWY 1			KAPN	ALPENA	MI (US)
IAP	VOR RWY 23			KPLN	PELLSTON	MI (US)
IAP	RNAV (GPS) RWY 14			KANJ	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 32			KANJ	SAULT STE MARIE	MI (US)
IAP	VOR RWY 32		1	KANJ	SAULT STE MARIE	MI (US)
IAP	ILS OR LOC RWY 16			KCIU	SAULT STE MARIE	MI (US)
IAP	NDB RWY 34			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 10			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 28			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 34		2	KCIU	SAULT STE MARIE	MI (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 23-AGL-21 TO 23-AGL-40.
FIX USE: REMOVED V360.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SMUUV

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422758.77N/0860738.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KAYLN (RNAV)			KARB	ANN ARBOR	MI (US)
DP	KAYLN (RNAV)			KDET	DETROIT	MI (US)
DP	KAYLN (RNAV)			KDTW	DETROIT	MI (US)
DP	KAYLN (RNAV)			KYIP	DETROIT	MI (US)
DP	KAYLN (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
DP	KAYLN (RNAV)			KOZW	HOWELL	MI (US)
DP	KAYLN (RNAV)			KTTF	MONROE	MI (US)
DP	KAYLN (RNAV)			KMTC	MOUNT CLEMENS	MI (US)
DP	KAYLN (RNAV)			KPTK	PONTIAC	MI (US)
DP	KAYLN (RNAV)			KVLL	TROY	MI (US)
EN ROUTE	T265					(US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

1. FIX USE: DELETED DP KAYLN AT CYQG
2. REMOVED AIRSPACE DOCKET 19-AGL-02

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/20/2023

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TRAVERSE CITY VOR/DME STATE: MI COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 444004.50N/0853300.04W TYPE:

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	MRA	MAA
1	TRAVERSE CITY	TVC	VOR/DME	VH						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S	TVC	VOR/DME	160.00	340.00	R	1		3000	6000	4	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001838)	443246.00N/0852506.00W	1502	5D
1	310	TOWER (26-001762)	442312.20N/0852232.60W	1704	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 28	KTVC	TRAVERSE CITY	MI (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: W02/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J548					(US)
EN ROUTE	V133					(US)
EN ROUTE	V193					(US)
EN ROUTE	V320					(US)
EN ROUTE	V420					(US)
IAP	HI-ILS OR LOC RWY 1			KAPN	ALPENA	MI (US)
IAP	HI-TACAN RWY 19			KAPN	ALPENA	MI (US)
IAP	HI-VOR OR TACAN RWY 1			KAPN	ALPENA	MI (US)
IAP	RNAV (GPS) RWY 25			KCAD	CADILLAC	MI (US)
IAP	RNAV (GPS) RWY 7			KCAD	CADILLAC	MI (US)
IAP	RNAV (GPS) RWY 9			KCVX	CHARLEVOIX	MI (US)
IAP	ILS OR LOC RWY 10		1	KTVC	TRAVERSE CITY	MI (US)
IAP	ILS OR LOC RWY 28		1	KTVC	TRAVERSE CITY	MI (US)
IAP	RNAV (GPS) RWY 28			KTVC	TRAVERSE CITY	MI (US)
IAP	VOR-A		1	KTVC	TRAVERSE CITY	MI (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

ADDED IAP ILS OR LOC RWY 10 FOR KTVC PROCEDURES REQUIRING CLIMB-IN-HOLD.
 ADDED IAP ILS OR LOC RWY 10 FOR KTVC TO FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: SILVIA YOUNG

APPROVED BY: DATE: 11/30/2023 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TUBEZ

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421051.31N/0874202.89W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
ERNNY (RNAV)
WYNDE (RNAV)

FAC

PAT

AIRPORT IDENT
KORD
KORD

CITY
CHICAGO
CHICAGO

STATE
IL (US)
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/17/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/22/2013

OFFICE: AJV-354

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 08/30/2013

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: VICTORY VOR/DME

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 424712.18N/0852949.46W

TYPE:

AIRSPACE DOCKET: 22-AGL-1

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	VICTORY	VIO	VOR/DME	H						45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

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	VIO	VOR/DME	238.66	058.66	R	1	3000 6000	4 12
2	NW	VIO	VOR/DME	322.43	142.43	L	1	3000 6000	4 5
3	SW		WP	240.66	060.66	R		3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001048)	424112.00N/0853152.00W	1920	5E
1	310	TOWER (26-001048)	424112.00N/0853152.00W	1920	5E
2	200	AAO	424512.00N/0852415.00W	1152	4E
3	200	TOWER (26-001048)	424112.00N/0853152.00W	1920	5E
3	310	TOWER (26-001048)	424112.00N/0853152.00W	1920	5E

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 26L	KGRR	GRAND RAPIDS	MI (US)
3	RNAV (GPS) RWY 17	KGRR	GRAND RAPIDS	MI (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VICTORY VOR/DME MAGVAR W04/1995

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J34	1				(US)
EN ROUTE	V274	1				(US)
IAP	RNAV (GPS) RWY 23R			KBTL	BATTLE CREEK	MI (US)
IAP	ILS OR LOC RWY 26L	1	1	KGRR	GRAND RAPIDS	MI (US)
IAP	ILS OR LOC RWY 35	1		KGRR	GRAND RAPIDS	MI (US)
IAP	ILS OR LOC RWY 8R	1	1	KGRR	GRAND RAPIDS	MI (US)
IAP	ILS RWY 35 (SA CAT I)	1		KGRR	GRAND RAPIDS	MI (US)
IAP	ILS RWY 35 (SA CAT II)	1		KGRR	GRAND RAPIDS	MI (US)
IAP	RNAV (GPS) RWY 17		3	KGRR	GRAND RAPIDS	MI (US)
IAP	VOR RWY 17	1	1	KGRR	GRAND RAPIDS	MI (US)
IAP	RNAV (GPS) RWY 10			6D6	GREENVILLE	MI (US)
IAP	RNAV (GPS) RWY 28			6D6	GREENVILLE	MI (US)
IAP	VOR RWY 12	1	2	9D9	HASTINGS	MI (US)
IAP	ILS OR LOC RWY 26	1		KBIV	HOLLAND	MI (US)
IAP	ILS OR LOC RWY 10R	1		KLAN	LANSING	MI (US)
IAP	ILS OR LOC RWY 28L	1		KLAN	LANSING	MI (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 26

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

1. DOCKET: ADDED "22-AGL-1"
2. FIX USE: REMOVED "EN ROUTE V285"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: VULCN

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420530.34N/0874739.02W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BENKY (RNAV)			KORD	CHICAGO	IL (US)
STAR	ERNNY (RNAV)			KORD	CHICAGO	IL (US)
STAR	ESSPO (RNAV)			KORD	CHICAGO	IL (US)
STAR	FYTTE (RNAV)			KORD	CHICAGO	IL (US)
STAR	MADII (RNAV)			KORD	CHICAGO	IL (US)
STAR	TRTLL (RNAV)			KORD	CHICAGO	IL (US)
STAR	VEECK (RNAV)			KORD	CHICAGO	IL (US)
STAR	WYNDE (RNAV)			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/13/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/30/2014

OFFICE: AJV-353

NAME: AISHAT NAUZO

APPROVED BY:

DATE: 11/13/2014

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: WLTER STATE: MI COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 424111.39N/0860303.94W 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	MRA	MAA
1	VICTORY	VIO	VOR/DME	H	260.40	256.40	25.22	25.22	6000	45000
2	PULLMAN	PMM	VOR/DME	H	010.19	010.19	13.44	13.44	6000	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

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	E	VIO	VOR/DME	260.40	260.40	L		10	18000	28000	17	22
2	E	WP	WP	079.40	259.40	L		10	6000	28000	15	22

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
2	200	TOWER (26-001372)	424414.00N/0853716.00W	1460	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
 PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PULLMAN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 STAR MEA 6000. ATC REQUEST 6000 TO 45000 FOR VECTORING.
 PAT 2: 10 DME LEG LENGTH AT ATC REQUEST.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J548	1, 2				(US)
STAR	WYNDE (RNAV)		2	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX USE; REMOVED STAR PAITN @ KORD.
 UPDATED REMARKS.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 10/04/2017	OFFICE: AJV-5423	NAME: HEIDI SNIDER
APPROVED BY:	DATE:	OFFICE: AJV-5420	NAME: JULIE MORGAN
SIGNATURE:			

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

RADIO FIX AND HOLDING DATA RECORD

NAME: WYNDE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422720.73N/0870636.63W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	072.97	252.97	R	9	6000	17500	13	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	208' SHIP	422836.31N/0870743.06W	786	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1: EVALUATED WITH 9 DME LEG LENGTH AT ATC REQUEST.

FIX USE:

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX TYPE; REMOVED DME.
FIX MAKE UP; REMOVED FAC 1.
HOLDING; REMOVED VOR/DME HOLDING PATTERN 1 & CONTROLLING OBSTRUCTION.
FIX USE; REMOVED STAR PAITN @ KORD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/04/2017

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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