

RADIO FIX AND HOLDING DATA RECORD

NAME: BILCO

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422132.63N/0875742.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 5

FAC PAT

AIRPORT IDENT
KUGN

CITY
CHICAGO/WAUKEGAN

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. REMOVED FIX TYPE: DME.
2. MOVED FIX 437.60 FEET SW.
3. REMOVED FIX MAKE-UP FACILITIES OBK AND KUGN R05.
4. REMOVED FIX USE: KUGN VOR/DME RNAV RWY 5.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

JON DENTON

Feb 17, 2021

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FOVOJ

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421735.86N/0880341.90W

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	SW		WP	231.32	051.32	L	4	2400	10000	5	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 23		1	KUGN	CHICAGO/WAUKEGAN	IL (US)
IAP	RNAV (GPS) RWY 5		1	KUGN	CHICAGO/WAUKEGAN	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. REMOVED FIX TYPE: DME.
2. REMOVED FIX MAKE-UP FACILITIES OBK AND KUGN R05.
3. REMOVED FIX USE: KUGN VOR/DME RNAV RWY 5 (PAT 1). UPDATED FIX USE FORMAT.
4. REMOVED HOLDING PATTERN 1 AND ASSOCIATED CONTROLLING OBSTACLE.
5. MOVED REMARK "HOLDING LIMITED TO ESTABLISHED PATTERN" TO HOLDING RESTRICTIONS.
6. ADDED REMARK: PRECIPITOUS TERRAIN EVALUATION COMPLETED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

JON DENTON

DISTRIBUTION:

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ARTCC: ZAU
ATC FACILITY: ORD APP CON
OTHER: UGN ATCT

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16
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RADIO FIX AND HOLDING DATA RECORD

NAME: HIGEK

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422337.75N/0875432.85W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 5

FAC

PAT

AIRPORT IDENT
KUGN

CITY
CHICAGO/WAUKEGAN

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. REMOVED FIX TYPE: DME.
2. MOVED FIX 729 FT SW.
3. REMOVED FIX MAKE-UP FACILITIES OBK AND KUGN R05.
4. REMOVED FIX USE: KUGN VOR/DME RNAV RWY 5.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*

JON DENTON

Feb 17, 2021

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JETRU

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421136.73N/0875632.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 5

FAC PAT

AIRPORT IDENT
KUGN

CITY
CHICAGO/WAUKEGAN

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. MOVED FIX 3.00 NM SE. FIX NAME RETAINED PER ATC OPERATIONAL REQUIREMENTS.
2. REMOVED FIX MAKE-UP FACILITY FOVOJ.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

JON DENTON

Feb 17, 2021

DISTRIBUTION:

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ARTCC: ZAU
ATC FACILITY: ORD APP CON
OTHER: UGN ATCT

QUALITY
16
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RADIO FIX AND HOLDING DATA RECORD

NAME: KRENA **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 422229.57N/0882958.04W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 19-AGL-1 **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	ROCKFORD	RFD	VOR/DME	L	072.73	073.73	32.42	32.42		2800	17500
2	DUPAGE	DPA	VOR/DME	L	345.13	347.13		29.81		2800	17500
3	JANESVILLE	JVL	VOR/DME	L	109.01	112.01	29.06	29.06		2900	17500

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	W	JVL	VOR/DME	109.01	109.01	L	1	2900 17500	6 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	422824.00N/0883336.00W	1418	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 TRAFFIC SEPARATION REQUIRED BY ZAU ARTCC.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ROCKFORD (FAC 1) AND DUPAGE (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V100	1, 2				(US)
EN ROUTE	V24	2, 3	1			(US)
IAP	RNAV (GPS) RWY 26			K3CK	CHICAGO/LAKE IN THE HILLS	IL (US)
IAP	RNAV (GPS) RWY 8			K3CK	CHICAGO/LAKE IN THE HILLS	IL (US)
STAR	JANESVILLE	1, 2	1	KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 06/17/2021

REASON FOR REVISION:

1. REMOVED FIX USE: KUGN RNAV (GPS) RWY 5.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: BARBARA GORMAN
APPROVED BY:	DATE:	OFFICE: AJV-A430	NAME: LONNIE EVERHART
	SIGNATURE:	<i>Digitally signed by</i> JON DENTON	
DISTRIBUTION:		Feb 17, 2021	
	NFDC FPO: CEN ARTCC: ZAU ATC FACILITY: ORD APP CON OTHER:		

QUALITY
 16
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LIRIC STATE: WI COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 423153.81N/0874155.73W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:		IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES		TEMPLATES	
PAT	DIR								MIN	MAX	MIN	MAX
1	NE		WP	051.57	231.57	R	4	2300	10000	5	10	

CONTROLLING OBSTRUCTIONS:			COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION			
1	200	AAO	423157.00N/0874854.00W	794	4E

HOLDING RESTRICTIONS:
 HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 23		1	KUGN	CHICAGO/WAUKEGAN	IL (US)
IAP	RNAV (GPS) RWY 5		1	KUGN	CHICAGO/WAUKEGAN	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 06/17/2021

REASON FOR REVISION:
 1. REMOVED FIX MAKE-UP FACILITY KUGN R23.
 2. UPDATED FIX USE FORMAT.
 3. UPDATED HOLDING PATTERN CONTROLLING OBSTACLE LAT/LONG FROM 423227.00N/0874854.00W TO 423157.00N/0874854.00W.
 4. MOVED REMARK "HOLDING LIMITED TO ESTABLISHED PATTERN" TO HOLDING RESTRICTIONS.
 5. ADDED REMARK: PRECIPITOUS TERRAIN EVALUATION COMPLETED.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: BARBARA GORMAN
APPROVED BY:	DATE:	OFFICE: AJV-A430	NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*
JON DENTON

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

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RADIO FIX AND HOLDING DATA RECORD

NAME: PLSNT

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422334.26N/0881052.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 5

FAC PAT

AIRPORT IDENT
KUGN

CITY
CHICAGO/WAUKEGAN

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/17/2021

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

JON DENTON

Feb 17, 2021

DISTRIBUTION:

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ARTCC: ZAU
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