

# RADIO FIX AND HOLDING DATA RECORD

NAME: DOKKE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422653.64N/0890705.79W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: DRLNG

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422904.62N/0883209.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*

**DAVID TEFFETELLER**

Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: EMMAS

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 423211.08N/0890614.21W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*

**DAVID TEFFETELLER**

Sep 27, 2023

QUALITY  
14  
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# RADIO FIX AND HOLDING DATA RECORD

NAME: HIGUH

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421804.84N/0880004.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	340.53	160.53	R		4	2500	6000	5	6

## CONTROLLING OBSTRUCTIONS:

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

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 16		1	KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)
IAP	RNAV (GPS) RWY 30			KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)
STAR	GOPAC (RNAV)			KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)
STAR	EMMAS (RNAV)			KRFD	CHICAGO/ROCKFORD	IL (US)
STAR	GOPAC (RNAV)			KUGN	CHICAGO/WAUKEGAN	IL (US)
STAR	GOPAC (RNAV)			KBUU	BURLINGTON	WI (US)
STAR	GOPAC (RNAV)			57C	EAST TROY	WI (US)
STAR	GOPAC (RNAV)			KHXF	HARTFORD	WI (US)
STAR	GOPAC (RNAV)			KENW	KENOSHA	WI (US)
STAR	GOPAC (RNAV)			KMKE	MILWAUKEE	WI (US)
STAR	GOPAC (RNAV)			KMWC	MILWAUKEE	WI (US)
STAR	GOPAC (RNAV)			KRAC	RACINE	WI (US)
STAR	GOPAC (RNAV)			KUES	WAUKESHA	WI (US)
STAR	GOPAC (RNAV)			KETB	WEST BEND	WI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 01/25/2024

## REASON FOR REVISION:

ADDED STAR EMMAS (RNAV) TO FIX USE.  
ADDED EN ROUTE LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*

**DAVID TEFFETELLER**

Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JNTHN

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 423337.58N/0884536.71W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:  
USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KAALN

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 424755.00N/0891916.99W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KAMMM

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 430850.88N/0892000.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LUUUK

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 425856.42N/0891940.41W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*

**DAVID TEFFETELLER**

Sep 27, 2023

QUALITY  
14  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: NRRRG

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422534.15N/0882150.97W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: NUGGZ

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 423543.41N/0890103.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: OWINN

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 433219.03N/0884152.34W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/25/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 27, 2023

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SHIKY

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 441140.00N/0882505.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
FYTTE (RNAV)  
EMMAS (RNAV)

FAC

PAT

AIRPORT IDENT  
KORD  
KRFD

CITY  
CHICAGO  
CHICAGO/ROCKFORD

STATE  
IL (US)  
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: 01/25/2024

## REASON FOR REVISION:

ADDED STAR EMMAS (RNAV) TO FIX USE.  
REMOVED CONTROLLER FROM REQUIRED CHARTING.  
ADDED CONTROLLER LOW AND CONTROLLER HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: *Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 27, 2023

QUALITY  
14  
CHECKED