

RADIO FIX AND HOLDING DATA RECORD

NAME: CERAK

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 435109.91N/0922433.14W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 31

FAC

PAT

AIRPORT IDENT
KRST

CITY
ROCHESTER

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/31/2012

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVES 348 FEET SE.
REMOVED INT FROM FIX TYPE.
REMOVED FAC 1.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: RST ATCT
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JEDUG

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 435238.86N/0922648.83W

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 31

FAC

PAT

AIRPORT IDENT
KRST

CITY
ROCHESTER

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

FIX MOVED 1.03 NM FOR DESCENT GRADIENT CRITERA (3.00) FIX NAME RETAINED FOR ATC OPERATIONAL ADVANTAGE - IAW 8260.3D 2-6-4 C. (3)

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: RST ATCT
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: MINGO STATE: MN COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 435110.57N/0922434.16W 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	ROCHESTER	I-RST	LOC		131.14	132.14		6.17	37512	2800	5700
2	ROCHESTER	RST	VOR/DME	L	057.64	062.64	9.16	9.16		2800	5700

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	I-RST	LOC	131.14	311.14	R	1		2800	5000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (27-002477)	435117.71N/0922010.62W	1655	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	COPTER ILS OR LOC RWY 31	1, 2		KRST	ROCHESTER	MN (US)
IAP	ILS OR LOC RWY 31	1, 2	1	KRST	ROCHESTER	MN (US)
IAP	RNAV (GPS) RWY 31			KRST	ROCHESTER	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

LATITUDE/LONGITUDE CHANGED FROM 435112.06N/0922436.42W TO 435110.57N/0922434.16W, FIX MOVED 224.03 FT DUE TO ROCHESTER (I-RST) TCH CHANGE.
 ADDED DISTANCE FROM FACILITY IN NM (6.17) AND FT (37512) TO FAC 1.
 CHANGED FAC 2 TRUE/MAG BRG FROM 062.41/057.41 TO 062.64/057.64.
 ADDED FAC 2 DME DISTANCE OF 9.16 NM.
 ADDED DISTANCE FROM FACILITY IN NM (9.16) TO FAC 2.
 CHANGED FIX USE TITLE FROM ROCHESTER INTL, ILS OR LOC RWY 31 (PAT 1) TO ILS OR LOC RWY 31.
 CHANGED FIX USE TITLE FROM COPTER ILS OR LOC RWY 31 (PAT 1) TO COPTER ILS OR LOC RWY 31.
 ADDED REMARK: PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ADDED REMARK: ROCHESTER (FAC 1) AND ROCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 ADDED RNAV (GPS) RWY 31 (KRST) TO FIX USE.
 ADDED "WP" AND "DME" TO FIX TYPE.
 LOWERED FAC 2 MAA FROM "17500" TO "5700".
 MOVED "HOLDING LIMITED TO ESTABLISHED PATTERN" FROM REMARKS TO HOLDING RESTRICTIONS.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-5431	NAME: ROBERT GRIM
APPROVED BY:	DATE:	OFFICE: AJV-5430	NAME: PATRICK MULQUEEN
SIGNATURE:			

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZMP
 ATC FACILITY: RST ATCT
 OTHER: RST APP CON

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UTAKE

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 435753.42N/0923450.07W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 31

FAC

PAT

AIRPORT IDENT
KRST

CITY
ROCHESTER

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/31/2012

REASON FOR REVISION:

REMOVED FAC 1.
UPDATE FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

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NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: RST ATCT
OTHER:

