

# RADIO FIX AND HOLDING DATA RECORD

NAME: AMARE

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 465828.85N/0950953.14W

TYPE: 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 NM	FAC FEET	MRA	MAA
1	PARK RAPIDS	PKD	VOR/DME	L	316.00	320.00	6.00	6.00	36456	3200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 13	1		KPKD	PARK RAPIDS	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/23/2016

## REASON FOR REVISION:

UPDATED FIX USE - REMOVED "/DME" FROM USE TITLE.

DEVELOPED BY: DATE: 03/15/2016 OFFICE: AJV-5421 NAME: JACOB POWERS (JEFFREY ROBINSON)

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: GEORGE GONZALEZ

SIGNATURE:

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



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CFFWW

**STATE:** MN

**COUNTRY:** US

**LATITUDE/LONGITUDE:** 470722.13N/0952050.96W

**TYPE:** CNF

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**REMARKS:**

1. REPLACED CNF PELKE TO APPLY CURRENT CNF NAMING CONVENTION.
2. UPDATED COORDINATES (RECALCULATED USING PRECISE FIX COORDINATES).
3. PRECISE FIX COORDINATES: 470722.1321N/0952050.964W.

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
VOR RWY 13

**FAC**

**PAT**

**AIRPORT IDENT**  
KPKD

**CITY**  
PARK RAPIDS

**STATE**  
MN (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 06/23/2016

**DEVELOPED BY:**

**DATE:** 01/21/2016

**OFFICE:** AJV-5421

**NAME:** JACOB POWERS (JEFFREY ROBINSON)

**APPROVED BY:**

**DATE:**

**OFFICE:** AJV-5420

**NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:**

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

QUALITY  
4  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: MANDG

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 465423.86N/0950452.58W

TYPE: 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 NM	FAC FEET	MRA	MAA
1	PARK RAPIDS	PKD	VOR/DME	L	316.00	320.00	0.66	0.66		1800	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 13	1		KPKD	PARK RAPIDS	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/23/2016

## REASON FOR REVISION:

UPDATED FIX USE - REMOVED "/DME" FROM USE TITLE.

DEVELOPED BY: DATE: 03/15/2016 OFFICE: AJV-5421 NAME: JACOB POWERS (JEFFREY ROBINSON)

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: GEORGE GONZALEZ

SIGNATURE:

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

QUALITY  
4  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PARK RAPIDS VOR/DME

**STATE:** MN

**COUNTRY:** US

**LATITUDE/LONGITUDE:** 465353.34N/0950415.21W

**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 FEET	MAA
1	PARK RAPIDS	PKD	VOR/DME	L						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	SE	PKD	VOR/DME	126.00	306.00	R	1	3200 6000	4 5

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (27-001799)	465551.00N/0950028.00W	2138	4D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V55					(US)
EN ROUTE	V175					MN (US)
IAP	ILS OR LOC RWY 31		1	KBJI	BEMIDJI	MN (US)
IAP	ILS OR LOC/DME RWY 25			KBJI	BEMIDJI	MN (US)
IAP	RNAV (GPS) RWY 16			KBRD	BRAINERD	MN (US)
IAP	RNAV (GPS) RWY 31			KDTL	DETROIT LAKES	MN (US)
IAP	RNAV (GPS) RWY 35			K3N8	MAHNOMEN	MN (US)
IAP	ILS OR LOC RWY 31			KPKD	PARK RAPIDS	MN (US)
IAP	VOR RWY 13		1	KPKD	PARK RAPIDS	MN (US)
IAP	NDB RWY 34			KPWC	PINE RIVER	MN (US)
IAP	NDB RWY 14			KSAZ	STAPLES	MN (US)
IAP	RNAV (GPS) RWY 14			KSAZ	STAPLES	MN (US)
IAP	RNAV (GPS) RWY 33			KY49	WALKER	MN (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 11

**DATE OF REVISION:** 06/23/2016

**REASON FOR REVISION:**

UPDATED FIX USE - CHANGED KPKD VOR/DME RWY 13 TO VOR RWY 13.

**DEVELOPED BY:** **DATE:** 03/15/2016

**OFFICE:** AJV-5421

**NAME:** JACOB POWERS (JEFFREY ROBINSON)

**APPROVED BY:** **DATE:**

**OFFICE:** AJV-5420

**NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:**

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

QUALITY  
4  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PAWTA

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 470552.24N/0950326.67W

TYPE: 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 NM	FAC FEET	MRA	MAA
1	PARK RAPIDS	PKD	VOR/DME	L	358.64	002.64	12.00	12.00		3500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V175	1				(US)
IAP	VOR RWY 13	1		KPKD	PARK RAPIDS	MN (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/23/2016

## REASON FOR REVISION:

UPDATED FIX USE - CHANGED KPKD VOR/DME RWY 13 TO VOR RWY 13.

DEVELOPED BY: DATE: 03/15/2016

OFFICE: AJV-5421

NAME: JACOB POWERS (JEFFREY ROBINSON)

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
4  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PEGZY

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 470304.09N/0951532.03W

TYPE: 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 NM	FAC FEET	MRA	MAA
1	PARK RAPIDS	PKD	VOR/DME	L	316.00	320.00	12.00	12.00		3500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 13	1		KPKD	PARK RAPIDS	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/23/2016

## REASON FOR REVISION:

UPDATED FIX USE - REMOVED "/DME" FROM USE TITLE.

DEVELOPED BY:      DATE: 03/15/2016      OFFICE: AJV-5421      NAME: JACOB POWERS (JEFFREY ROBINSON)

APPROVED BY:      DATE:      OFFICE: AJV-5420      NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
4  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PELKE

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 470722.14N/0952050.96W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
VOR RWY 13

FAC

PAT

AIRPORT IDENT  
KPKD

CITY  
PARK RAPIDS

STATE  
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/15/2011

REASON FOR REVISION:

UPDATED FIX USE.

UPDATED FIX COORDINATES; FIX MOVED 1633.95 FT SOUTHEAST.

REMOVED CNF REMARK REFERENCING DIST/BRG TO PDK VOR/DME.

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
4  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: STRAW

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 470801.55N/0953142.44W

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	FAC FEET	MRA	MAA
1	PARK RAPIDS	PKD	VOR/DME	L	303.14	307.14	23.51	23.51		4500	17500
2	DETROIT LAKES	DTL	VOR/DME	T	033.42	038.42		23.66		4500	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DTL	VOR/DME	R-033	24	12000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V55	1, 2				(US)
IAP	RNAV (GPS) RWY 33			KD00	ADA/TWIN VALLEY	MN (US)
IAP	RNAV (GPS) RWY 13			KDTL	DETROIT LAKES	MN (US)
IAP	RNAV (GPS) RWY 16			KFSE	FOSSTON	MN (US)
IAP	RNAV (GPS) RWY 34			KFSE	FOSSTON	MN (US)
IAP	RNAV (GPS) RWY 13			KPKD	PARK RAPIDS	MN (US)
IAP	VOR RWY 13	1, 2		KPKD	PARK RAPIDS	MN (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 06/23/2016

## REASON FOR REVISION:

UPDATED FIX USE - CHANGED KPKD VOR/DME RWY 13 TO VOR RWY 13.

DEVELOPED BY: DATE: 03/15/2016

OFFICE: AJV-5421

NAME: JACOB POWERS (JEFFREY ROBINSON)

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
4  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: ZOSKA

STATE: MN

COUNTRY: US

LATITUDE/LONGITUDE: 465548.17N/0950635.90W

TYPE: 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 NM	FAC FEET	MRA	MAA
1	PARK RAPIDS	PKD	VOR/DME	L	316.00	320.00	2.50	2.50		1900	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 13	1		KPKD	PARK RAPIDS	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/23/2016

## REASON FOR REVISION:

UPDATED FIX USE - REMOVED "/DME" FROM USE TITLE.

DEVELOPED BY:      DATE: 03/15/2016      OFFICE: AJV-5421      NAME: JACOB POWERS (JEFFREY ROBINSON)

APPROVED BY:      DATE:      OFFICE: AJV-5420      NAME: GEORGE GONZALEZ

SIGNATURE:

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

QUALITY  
4  
CHECKED