

RADIO FIX AND HOLDING DATA RECORD

NAME: AZARA

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 474828.99N/0923450.47W

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 8

FAC

PAT

AIRPORT IDENT
K12D

CITY
TOWER

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

1. FIX MAKE-UP FACILITY K12D R08 REMOVED.
2. FIX USE FORMAT UPDATED.

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

WARDELL HENNING

DISTRIBUTION:

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

Jul 24, 2019

QUALITY
6
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FLOGG

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 474847.68N/0922555.65W

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 8

FAC

PAT

AIRPORT IDENT
K12D

CITY
TOWER

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

1. FIX MOVED 518.70 FT WEST.
2. FIX MAKE-UP FACILITY K12D R08 REMOVED.
3. FIX USE FORMAT UPDATED.
4. REMARKS: RNP FORMULA USED FOR PFAF LOCATION REMOVED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE:

OFFICE: AJV-A431

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

WARDELL HENNING

DISTRIBUTION:

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

Jul 24, 2019

QUALITY
6
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RADIO FIX AND HOLDING DATA RECORD

NAME: FLWER

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 474922.10N/0920832.63W

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 26

FAC

PAT

AIRPORT IDENT
K12D

CITY
TOWER

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

1. FIX MAKE-UP FACILITY K12D R26 REMOVED.
2. FIX USE: K12D RNAV (GPS) RWY 8 REMOVED.
3. REMARKS: RNP FORMULA USED FOR PFAF LOCATION, FIX USED AS K12D RNAV FAF RWY 26 AND K12D RNAV FIRST FIX MA ROUTING RWY 8 REMOVED.

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

WARDELL HENNING

DISTRIBUTION:

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

Jul 24, 2019

QUALITY
6
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MACLE

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 474117.80N/0923418.00W

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 8

FAC

PAT

AIRPORT IDENT
K12D

CITY
TOWER

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

1. FIX MOVED 2.20 NM SOUTH.
2. FIX MAKE-UP FACILITY AZARA REMOVED.
3. FIX USE FORMAT UPDATED.

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
WARDELL HENNING

DISTRIBUTION:

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

Jul 24, 2019

QUALITY
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RADIO FIX AND HOLDING DATA RECORD

NAME: UDORY

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 472119.87N/0911101.70W

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 NM	FAC FEET	MRA	MAA
1	DULUTH	DLH	VORTAC	H	046.15	051.15	53.38	53.38		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V13	1				(US)
IAP	RNAV (GPS) RWY 26			K12D	TOWER	MN (US)
IAP	RNAV (GPS) RWY 8			K12D	TOWER	MN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

1. FIX MAKE-UP: FIX SUZLI REMOVED.
2. FIX USE: KBFW GPS RWY 25 (PAT 1) REMOVED - PROCEDURE CANCELLED 2/28/2019.
3. HOLDING PATTERN 1 REMOVED. REMARK: HOLDING LIMITED TO ESTABLISHED PATTERN REMOVED.
4. REQUIRED CHARTING: CONTROLLER LOW ADDED.

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
WARDELL HENNING

DISTRIBUTION:

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

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