

# RADIO FIX AND HOLDING DATA RECORD

NAME: CAVEE

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454714.74N/1082751.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

**REMARKS:**

IPDS COORDINATES: 454714.741/1082751.003

**FIX USE:**

USE TYPE  
IAP

USE TITLE

RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT

KBIL

CITY

BILLINGS

STATE

MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/30/2015

DEVELOPED BY:

DATE: 07/30/2013

OFFICE: AJV-354

NAME: ROY CURRIE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLC

ATC FACILITY:

OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CFDSS

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454913.29N/1082319.46W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT  
KBIL

CITY  
BILLINGS

STATE  
MT (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/07/2017

DEVELOPED BY: DATE: 07/17/2017

OFFICE: AJV-5432

NAME: VICTOR BOONE

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY: BIL  
OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CUBEK

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 455201.18N/1082144.40W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT  
KBIL

CITY  
BILLINGS

STATE  
MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/07/2017

DEVELOPED BY: DATE: 07/17/2017

OFFICE: AJV-5432

NAME: VICTOR BOONE

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY: BIL  
OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: HUTLY

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454726.53N/1082405.44W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

IPDS COORDINATES: 454726.532/1082405.436

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT  
KBIL

CITY  
BILLINGS

STATE  
MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/30/2015

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY:  
OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: IGIFE

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 455534.40N/1083433.50W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE  
DP  
IAP  
IAP  
STAR

USE TITLE  
KISTR (RNAV)  
RNAV (RNP) Z RWY 10L  
RNAV (RNP) Z RWY 28R  
CRAZI (RNAV)

FAC PAT

AIRPORT IDENT  
KBIL  
KBIL  
KBIL  
KBIL

CITY  
BILLINGS  
BILLINGS  
BILLINGS  
BILLINGS

STATE  
MT (US)  
MT (US)  
MT (US)  
MT (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/30/2015

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY: BIL APP CON  
OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LOCWD

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454610.58N/1082555.89W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

**REMARKS:**

IPDS COORDINATES: 454610.579/1082555.889

**FIX USE:**

USE TYPE  
IAP

USE TITLE

RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT

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MT (US)

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NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLC

ATC FACILITY:

OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: MACBU

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454912.48N/1081946.28W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (RNP) Z RWY 28R

FAC

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AIRPORT IDENT  
KBIL

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REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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APPROVED BY:

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OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY: KBIL ATCT  
OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WIKUK

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454554.49N/1082304.49W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT  
KBIL

CITY  
BILLINGS

STATE  
MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

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APPROVED BY:

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OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLC  
ATC FACILITY: KBIL ATCT  
OTHER:

QUALITY  
16  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: WIPRU

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454159.38N/1082705.56W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

**REMARKS:**

IPDS COORDINATES: 454159.376/1082705.558

**FIX USE:**

USE TYPE  
IAP

USE TITLE

RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT

KBIL

CITY

BILLINGS

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MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

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NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLC

ATC FACILITY: KBIL ATCT

OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WUSEB

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454701.91N/1082610.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

**REMARKS:**

IPDS COORDINATES: 454701.914/1082610.094

**FIX USE:**

USE TYPE  
IAP

USE TITLE

RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT

KBIL

CITY

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MT (US)

REQUIRED CHARTING: IAP

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OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLC

ATC FACILITY: KBIL ATCT

OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZARIX

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454443.47N/1082511.32W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

**REMARKS:**

IPDS COORDINATES: 454443.470/1082511.321

**FIX USE:**

USE TYPE  
IAP

USE TITLE

RNAV (RNP) Z RWY 28R

FAC

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AIRPORT IDENT

KBIL

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STATE

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OFFICE:

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APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLC

ATC FACILITY: KBIL ATCT

OTHER:

QUALITY  
16  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZOHZE

STATE: MT

COUNTRY: US

ICAO REGION CODE: K1

LATITUDE/LONGITUDE: 454220.27N/1082208.27W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

**REMARKS:**

IPDS COORDINATES: 454220.269/1082208.272

**FIX USE:**

USE TYPE  
IAP

USE TITLE

RNAV (RNP) Z RWY 28R

FAC

PAT

AIRPORT IDENT

KBIL

CITY

BILLINGS

STATE

MT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/30/2015

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OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLC

ATC FACILITY:

OTHER:

QUALITY  
16  
CHECKED