

# RADIO FIX AND HOLDING DATA RECORD

NAME: CATUB STATE: AK COUNTRY: US ICAO REGION CODE: PA  
 LATITUDE/LONGITUDE: 605808.43N/1614002.33W 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 FAC NM	MRA	MAA
1	BETHEL	I-BET	LOC		012.47	023.47	13.17	13.16	1800	4500
2	BETHEL	BET	VORTAC	H			12.00	12.00	1800	4500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN DME	MAX	TEMPLATES MIN	MAX
1	N		WP	012.61	192.61	R		4	1800	14000	4 11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	605654.00N/1613442.00W	260	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

BETHEL (FAC 1) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED: NO ADJUSTMENT.  
 I-BET DME COORDINATES: 604606.84N/1615051.37W  
 FAC 2 FOR INFO ONLY. NOT PUBLISHED ON CHART.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Y OR LOC Y RWY 19R	1, 2	1	PABE	BETHEL	AK (US)
IAP	ILS Z OR LOC Z RWY 19R	1		PABE	BETHEL	AK (US)
IAP	RNAV (GPS) RWY 19R		1	PABE	BETHEL	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

CHANGE WP HOLDING PATTERN INBOUND COURSE FROM 189.61 TO 192.61 DUE TO ARPT  
 UPDATE FIX USE, REMOVED HOLDING PATTERN 1 FROM ILS Z OR LOC Z RWY 19R AND ADDED IT TO ILS Y OR LOC Y RWY 19R.  
 UPDATE FIX USE, CHANGED "ILS OR LOC/DME Y RWY 19R" TO "ILS Y OR LOC Y RWY 19R" AND CHANGED "ILS OR LOC/DME Z RWY 19R" TO "ILS Z OR LOC Z RWY 19R".  
 UPDATE FAC 1, ADDED 012.47/023.47 TO MAG/TRUE BRG.  
 CHANGED FAC 2 MAA FROM 17500 TO 4500.  
 UPDATE I-BET DME COORDINATES.

DEVELOPED BY: DATE: 11/23/2016 OFFICE: AJV-5432 NAME: HERMAN ROGERS  
 APPROVED BY: DATE: OFFICE: AJV-5430 NAME: PATRICK MULQUEEN  
 SIGNATURE:

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZAN  
 ATC FACILITY: BET ATCT  
 OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KAYSE

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 605200.20N/1614532.34W

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	BETHEL	I-BET	LOC		012.47	023.47	6.45	6.44	39156	1800	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

I-BET DME COORDINATES: 604606.84N/1615051.37W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Y OR LOC Y RWY 19R	1		PABE	BETHEL	AK (US)
IAP	ILS Z OR LOC Z RWY 19R	1		PABE	BETHEL	AK (US)
IAP	RNAV (GPS) RWY 19R			PABE	BETHEL	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

UPDATE FIX USE, CHANGED "ILS OR LOC DME Y RWY 19R" TO "ILS Y OR LOC Y RWY 19R".  
UPDATE FIX USE, CHANGED "ILS OR LOC DME Z RWY 19R" TO "ILS Z OR LOC Z RWY 19R".  
UPDATE DME COORDINATES.  
CHANGED FAC1 MAG BRG FROM 009.47 TO 012.47.

DEVELOPED BY:

DATE: 01/23/2017

OFFICE: AJV-5432

NAME: HERMAN ROGERS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZAN  
ATC FACILITY: BET ATCT  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PENIE

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 604827.53N/1614841.88W

TYPE: 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	FAC FEET	MRA	MAA
1	BETHEL	I-BET	LOC		012.47	023.47	2.58	2.57		460	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

I-BET DME COORDINATES: 604606.84N/1615051.37W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Y OR LOC Y RWY 19R	1		PABE	BETHEL	AK (US)
IAP	ILS Z OR LOC Z RWY 19R	1		PABE	BETHEL	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

UPDATE FIX USE, CHANGED "ILS OR LOC DME Y RWY 19R" TO "ILS Y OR LOC Y RWY 19R".  
UPDATE FIX USE, CHANGED "ILS OR LOC DME Z RWY 19R" TO "ILS Z OR LOC Z RWY 19R".  
UPDATE DME COORDINATES.  
CHANGED FAC 1 MAG BRG FROM 009.47 TO 012.47.

DEVELOPED BY:

DATE: 01/23/2017

OFFICE: AJV-5432

NAME: HERMAN ROGERS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZAN  
ATC FACILITY: BET ATCT  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: RATNE

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 605407.48N/1612116.72W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP  
IAP

USE TITLE  
ILS Y OR LOC Y RWY 19R  
RNAV (GPS) RWY 19R

FAC PAT

AIRPORT IDENT  
PABE  
PABE

CITY  
BETHEL  
BETHEL

STATE  
AK (US)  
AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

UPDATE FIX USE, CHANGED "ILS OR LOC DME Z RWY 19R" TO "ILS Y OR LOC Y RWY 19R".

DEVELOPED BY:

DATE: 01/23/2017

OFFICE: AJV-5432

NAME: HERMAN ROGERS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZAN  
ATC FACILITY: BET ATCT  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: TOORR

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 610204.02N/1615839.73W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP  
IAP

USE TITLE  
ILS Y OR LOC Y RWY 19R  
RNAV (GPS) RWY 19R

FAC PAT

AIRPORT IDENT  
PABE  
PABE

CITY  
BETHEL  
BETHEL

STATE  
AK (US)  
AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

UPDATE FIX USE, CHANGED "ILS OR LOC DME Y RWY 19R" TO "ILS Y OR LOC Y RWY 19R".

DEVELOPED BY:

DATE: 01/23/2017

OFFICE: AJV-5432

NAME: HERMAN ROGERS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZAN  
ATC FACILITY: BET ATCT  
OTHER:

QUALITY  
10  
CHECKED