

# 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 FAC 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: OSCARVILLE NDB STATE: AK COUNTRY: US ICAO REGION CODE: PA  
 LATITUDE/LONGITUDE: 604728.71N/1615221.93W TYPE:

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	OSCARVILLE	OSE	NDB	H-SAB						45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

## 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	NE	OSE	NDB	041.97	221.97	R	1-1 1/2	2000 6000	4 5

## CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (02-000592)	604652.70N/1615304.59W	380	1A
1	200	TOWER (02-000592)	604652.70N/1615304.59W	380	1A

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2000.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 OSE MAG VAR: 11E/2020

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	B27					(US)
EN ROUTE	B7					(US)
EN ROUTE	G9					(US)
EN ROUTE	R39					(US)
EN ROUTE	R50					(US)
IAP	ILS Z OR LOC Z RWY 19R (ALTERNATE MISSED)		1	PABE	BETHEL	AK (US)
IAP	RNAV (GPS) RWY 14			PAPM	PLATINUM	AK (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 9

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

UPDATE HOLDING PATTERN 1, CHANGED INBOUND COURSE FROM 218.97 TO 221.97.  
 UPDATE OSE NDB MAGVAR REMARK FROM 14E/2010 TO 11E/2020.  
 MOVED UNPLANNED HOLDING REMARK TO HOLDING RESTRICTIONS.  
 CHANGED PAT 1 MAX TEMPLATE FROM 6 TO 5.  
 UPDATE FIX USE, DELETED ILS OR LOC/DME Y RWY 19R AND ADDED ILS Z OR LOC Z RWY 19R.  
 UPDATED FACILITY COORDINATES FROM 604728.70N/1615221.93W TO 604728.71N/1615221.93W.

DEVELOPED BY: DATE: 11/21/2016 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: 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: WEEKE

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 604851.21N/1612514.26W

TYPE: WP, 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	BETHEL	BET	VORTAC	H	067.35	081.35	12.00	12.00		2000	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	NE		WP	062.35	242.35	L	4	2000 14000	4 11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	604748.00N/1611212.00W	325	4E

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AIRWAY CONGESTION.

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BETHEL (RNAV)			PFAK	AKIAK	AK (US)
EN ROUTE	V319					(US)
IAP	ILS Z OR LOC Z RWY 19R			PABE	BETHEL	AK (US)
IAP	VOR RWY 1L			PABE	BETHEL	AK (US)
IAP	RNAV (GPS) RWY 20		1	PAPK	NAPASKIAK	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

UPDATED FIX USE, CHANGED ILS OR LOC/DME Z RWY 19R TO ILS Z OR LOC Z RWY 19R, VOR/DME RWY 1L TO VOR RWY 1L, AND DELETED LOC/DME BC RWY 1L.

DEVELOPED BY:

DATE: 01/15/2017

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