

# RADIO FIX AND HOLDING DATA RECORD

NAME: KENAI VOR/DME STATE: AK COUNTRY: US ICAO REGION CODE: PA  
 LATITUDE/LONGITUDE: 603652.93N/1511142.87W 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 NM	FAC FEET	MRA	MAA
1	KENAI	ENA	VOR/DME	H							45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	AAO	601903.00N/1504936.00W	1034	4E

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT 2100 UP TO AND INCLUDING 14000.

## REMARKS:

KENAI (FAC 1) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANCHORAGE			PANC	ANCHORAGE	AK (US)
DP	TAKE-OFF MINIMUMS			PANC	ANCHORAGE	AK (US)
DP	TURNAGAIN			PANC	ANCHORAGE	AK (US)
EN ROUTE	J-115					(US)
EN ROUTE	J-179					(US)
EN ROUTE	V-334					(US)
EN ROUTE	V-457					(US)
EN ROUTE	V388					(US)
EN ROUTE	V435					(US)
EN ROUTE	V456					(US)
EN ROUTE	V508					(US)
IAP	ILS OR LOC/DME RWY 07L			PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC/DME RWY 07R			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07L (SA CAT I)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07L (SA CAT II)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07R (CAT II)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07R (CAT III)			PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 07R (SA CAT I)			PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC RWY 20R			PAEN	KENAI	AK (US)
IAP	RNAV (GPS) RWY 2L			PAEN	KENAI	AK (US)
IAP	VOR RWY 20R			PAEN	KENAI	AK (US)
IAP	VOR/DME RWY 2L			PAEN	KENAI	AK (US)
IAP	NDB RWY 25			PASX	SOLDOTNA	AK (US)
IAP	NDB/DME RWY 07			PASX	SOLDOTNA	AK (US)
IAP	VOR/DME-A			PASX	SOLDOTNA	AK (US)
STAR	AMOTT			PANC	ANCHORAGE	AK (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/10/2015

## REASON FOR REVISION:

UPDATED FIX USE.

DEVELOPED BY: DATE: 07/31/2015 OFFICE: AJV-5433 NAME: HERMAN ROGERS

APPROVED BY: DATE: 11/04/2015 OFFICE: AJV-5430 NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZAN  
 ATC FACILITY: ANC APP CON  
 OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: TBONE STATE: AK COUNTRY: US ICAO REGION CODE: PA  
 LATITUDE/LONGITUDE: 604342.31N/1510318.21W TYPE: WP, INT, 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	KENAI	I-ENA	LOC/DME		016.06	031.06	11.76	11.76	2000	4500
2	KENAI	ENA	VOR/DME	H	012.10	031.10	8.00	8.00	2000	17500
3	ELMENDORF	EDF	TACAN	H	212.43	230.43	49.15	49.15	2000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EDF	TACAN	R-212	50	2000	17500

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	N		WP	016.22	196.22	R		5	2000	14000	6	11
2	N	I-ENA	LOC/DME	016.06	196.06	R	1-1 1/2		2000	14000	5	10
3	N	ENA	VOR/DME	012.10	192.10	R	1-1 1/2		2000	14000	5	10
4	NE	EDF	TACAN	032.43	212.43	R	1-1 1/2		2000	17500	5	10

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	604757.00N/1504936.00W	568	4E
2	230	AAO	604815.00N/1505030.00W	558	4E
3	230	AAO	604815.00N/1505030.00W	558	4E
4	230	AAO	604654.00N/1504754.00W	614	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

KENAI (FAC 1) AND KENAI (FAC 2) AND ELMENDORF (FAC 3) USED TO ESTABLISH FIX COORDINATES  
 230 KIAS USED IN HOLDING PATTERN DUE TO MILITARY AIRCRAFT.  
 PRECIPITIOUS TERRAIN EVALUATION COMPLETED.  
 I-ENA DME COORDINATES 603339.53N/1511537.17W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 20R	1, 3	2, 4	PAEN	KENAI	AK (US)
IAP	RNAV (GPS) RWY 02L		1	PAEN	KENAI	AK (US)
IAP	RNAV (GPS) RWY 20R		1	PAEN	KENAI	AK (US)
IAP	VOR RWY 20R	2	3	PAEN	KENAI	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 02/01/2018

## REASON FOR REVISION:

- ADDED INT TO FIX TYPE.
- UPDATED FIX MAKE-UP. ADDED EDF TACAN (FAC 3).
- ADDED ESV FOR EDF TACAN.
- PAT 4 ADDED RAD/CRS/BRG 032.43 AND CRS INBOUND FROM 212.43.
- ADDED CONTROLLING OBSTACLE 4 AND 230 KIAS MAX AIRSPEED FOR MILITARY AIRCRAFT.
- UPDATED FIX USE. ADDED FAC 3 AND PAT 4 TO ILS OR LOC RWY 20R .
- UPDATED REMARKS. ADDED I-ENA COORDINATES.

DEVELOPED BY: DATE: 09/20/2017 OFFICE: AJV-5423 NAME: JASON KRETSCHMER

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

## DISTRIBUTION:

NFDC  
 FPO: WST  
 ARTCC: ZAN  
 ATC FACILITY: ENA  
 OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** YILUS

**STATE:** AK

**COUNTRY:** US

**ICAO REGION CODE:** PA

**LATITUDE/LONGITUDE:** 605050.93N/1511504.86W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 20R

**FAC**

**PAT**

**AIRPORT IDENT**  
PAEN

**CITY**  
KENAI

**STATE**  
AK (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 12/10/2015

**REASON FOR REVISION:**

UPDATED FIX USE.

**DEVELOPED BY:**

**DATE:** 07/23/2015

**OFFICE:** AJV-5430

**NAME:** JIMMY HUGHES

**APPROVED BY:**

**DATE:** 11/03/2015

**OFFICE:** AJV-5430

**NAME:** JILL OLSON

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZAN  
**ATC FACILITY:**  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZUTOR

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 604225.96N/1504523.33W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 20R

FAC

PAT

AIRPORT IDENT  
PAEN

CITY  
KENAI

STATE  
AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/10/2015

REASON FOR REVISION:

1. MOVED WP .58 NM NORTH.
2. UPDATED FIX USE.

DEVELOPED BY:

DATE: 07/23/2015

OFFICE: AJV-5430

NAME: JIMMY HUGHES

APPROVED BY:

DATE: 11/03/2015

OFFICE: AJV-5430

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

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