

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: ANNETTE ISLAND VOR/DME

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 550337.47N/1313442.24W

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 FEET	MAA
1	ANNETTE ISLAND	ANN	VOR/DME	H						45000

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	SE	ANN	VORTAC	144.00	324.00	L	1-1 1/2	5000 17500	5 16
2	NW	ANN	VORTAC	308.54	128.54	R	1-1 1/2	5000 17500	5 16
3	NW		WP	308.54	128.54	R	5	5000 17500	6 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	550245.20N/1312750.40W	3082	6A
2	200	AAO	550239.00N/1312818.00W	2917	4E
2	310	AAO	550400.00N/1312416.10W	3791	6A
3	200	AAO	550245.20N/1312750.40W	3082	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	79
2	200	95
2	310	78
3	200	102

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PATTERNS 1 AND 2 FOR ATC USE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANN RNAV (RNP) - (SPECIAL)			PAKT	KETCHIKAN	AK (US)
DP	KETCHIKAN (OBSTACLE)			PAKT	KETCHIKAN	AK (US)
DP	SKOWL (OBSTACLE)			PAKT	KETCHIKAN	AK (US)
DP	TAKEOFF MINIMUMS AND ODP			PAKT	KETCHIKAN	AK (US)
DP	KLAWOCK (OBSTACLE)			PAKW	KLAWOCK	AK (US)
DP	TAKEOFF MINIMUMS AND ODP			PAKW	KLAWOCK	AK (US)
EN ROUTE	J195					(US)
EN ROUTE	J502					(US)
EN ROUTE	J523					(US)
EN ROUTE	T266					(US)
EN ROUTE	T269					(US)
EN ROUTE	V309					(US)
EN ROUTE	V311					(US)
EN ROUTE	V317					(US)
EN ROUTE	V318					(US)
IAP	ILS OR LOC/DME Y RWY 11		2	PAKT	KETCHIKAN	AK (US)
IAP	ILS OR LOC/DME Z RWY 11		2	PAKT	KETCHIKAN	AK (US)
IAP	LOC/DME X RWY 11		2	PAKT	KETCHIKAN	AK (US)
IAP	RNAV (GPS) RWY 11		3	PAKT	KETCHIKAN	AK (US)

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

COMPULSORY REPORTING POINT: BOTH

RECORD REVISION NUMBER: 9

DATE OF REVISION: 11/13/2014

REASON FOR REVISION:

MOVED HOLDING LIMITED NOTE FROM REMARKS TO HOLDING RESTRICTIONS.
UPDATED PRECIPITOUS TERRAIN ADJUSTMENT FORMAT.
ADDED PRECIPITOUS TERRAIN ADJUSTMENT TO HOLDING PAT 2 310K AND PAT 3.
ADDED SPECIAL DP TO REQUIRED CHARTING.
UPDATED FIX USE.

QUALITY
3
CHECKED

DEVELOPED BY: **DATE:** 05/05/2014 **OFFICE:** AJV-351 **NAME:** SCOTT CORY
APPROVED BY: **DATE:** 11/13/2014 **OFFICE:** AJV-354 **NAME:** JILL OLSON
SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: WST
 ARTCC: ZAN
 ATC FACILITY:
 OTHER: KTN FSS

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: BIORKA ISLAND VORTAC

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 565133.87N/1353304.72W

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 FEET	MAA
1	BIORKA ISLAND	BKA	VORTAC	H						45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S	BKA	VORTAC	189.00	009.00	L	1		2800	10000	4	9
2	S		WP	189.00	009.00	L		5	5000	10000	6	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	AAO	565420.80N/1350354.10W	4281	4A
1	200	AAO	565137.80N/1353317.23W	599	4E
1	310	AAO	565712.75N/1351929.12W	2756	4A
2	200	AAO	565137.80N/1353317.23W	599	4E
2	310	AAO	565211.55N/1351953.39W	2211	4A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
2	310	130

REASON FOR NONSTANDARD HOLDING:

PAT 1 HIGH TERRAIN.
PAT 2 HIGH TERRAIN.

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 8000.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	LDA/DME RWY 11	PASI	SITKA	AK (US)
2	RNAV (GPS) RWY 11	PASI	SITKA	AK (US)

REMARKS:

CHART HOLDING PAT 1 ON ENROUTE LOW/HIGH
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 310 KT CONTROLLING OBS LOCATED 11763 FEET INTO SECONDARY, EQUIVALENT HEIGHT IS 1772. TEMPLATE 12 USED.
TEMPLATE 14 USED FOR PAT 2 310 KT.
UNABLE TO RUN PRECIP EVAL IN IAPA FOR 310K HOLDING PATTERNS DUE TO INCOMPLETE DTED COVERAGE; VAST MAJORITY OF
PRIMARY AREA IS OVER WATER; PERFORMED A USER DEFINED PRECIPITOUS EVAL, NO ADJUSTMENTS REQUIRED.
IN ORDER TO REDUCE THE CG, THE BIORKA DEP HAS A WAIVER ON FILE FOR NOT APPLYING AAO TO THE SAME TERRAIN PICKED UP AS
THE CONTROLLING OBSTACLE IN THE PAT 1 C-I-H EVALUATION, USED AAO IN C-I-H EVALUATION, NO ADVERSE EFFECT ON C-I-H
EVALUATION.
USE OF HOLDING PAT 1 BY SPECIAL RNP PROCEDURES AT PASI REFLECTS THE SUBMITTED 8260-2 WORKSHEET FROM ALASKA
AIRLINES (PROVIDED BY AFS-460).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIORKA (OBSTACLE)			PASI	SITKA	AK (US)
DP	SITKA			PASI	SITKA	AK (US)
DP	TAKEOFF MINIMUMS AND ODP			PASI	SITKA	AK (US)
EN ROUTE	J195					(US)
EN ROUTE	J501					(US)
EN ROUTE	J605					(US)
EN ROUTE	T269					(US)
EN ROUTE	V311					(US)
EN ROUTE	V428					(US)
EN ROUTE	V440					(US)
EN ROUTE	V473					(US)
EN ROUTE	V593					(US)
IAP	RNAV (GPS) RWY 11			PAFE	KAKE	AK (US)
IAP	LDA/DME RWY 11		1	PASI	SITKA	AK (US)
IAP	RNAV (GPS) RWY 11		2	PASI	SITKA	AK (US)
IAP	VOR/DME - A		1	PASI	SITKA	AK (US)
SPECIAL DP	UDENE RNAV (RNP)			PAKT	KETCHIKAN	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 11		1	PASI	SITKA	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 29		1	PASI	SITKA	AK (US)

QUALITY
3
CHECKED

REQUIRED CHARTING: DP, IAP, AREA, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH, SPECIAL IAP, SPECIAL DP

COMPULSORY REPORTING POINT: BOTH

RECORD REVISION NUMBER: 10

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

ADDED SPECIAL IAP TO REQUIRED CHARTING.

ADDED PASI-RNAV (RNP) M RWY 11 AND 29 TO FIX USE.

UPDATED FIX USE.

(THE UPDATES TO THIS FORM ONLY REFLECT THE REQUESTED/ASSOCIATED CHANGES FROM THE 8260-2 DATA WORKSHEETS PROVIDED BY ALASKA AIRLINES FOR THEIR SPECIAL PROCEDURES; ENTIRE FORM NOT REVIEWED/UPDATED)

DEVELOPED BY: **DATE:** 04/06/2015 **OFFICE:** AJV-351 **NAME:** SCOTT CORY

APPROVED BY: **DATE:** 05/19/2015 **OFFICE:** AJV-354 **NAME:** JILL OLSON

SIGNATURE:

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

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: DWARF

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 552258.87N/1321440.23W

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	FEET	MRA	MAA
1	ANNETTE ISLAND	ANN	VOR/DME	H	289.55	310.55	30.00			5000	17500
2	JANEM					222.90	11.78				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	W	ANN	VOR/DME	290.00	110.00	R	1-1 1/2		5000	17500	7	18
2	W	ANN	VOR/DME	290.00	110.00	L	1-1 1/2		5000	17500	7	18
3	E	ANN	VOR/DME	290.00	290.00	R	1-1 1/2		5000	17500	7	18
4	E	ANN	VOR/DME	290.00	290.00	L	1-1 1/2		5000	17500	7	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	551948.00N/1322518.00W	3081	4E
2	200	AAO	553232.90N/1322133.00W	3046	4E
3	200	AAO	551940.40N/1321627.50W	2758	4E
4	200	AAO	551940.40N/1321627.50W	2758	4E

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

REMARKS:

FIX ESTABLISHED AT THE REQUEST OF ATC.
HOLDING LIMITED TO ESTABLISHED PATTERNS.
PRECIPITOUS TERRAIN EVALUATION COMPLETED: PAT 1 AND 2 209' ADJUSTMENT, PAT 3 AND 4 108' ADJUSTMENT.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V311, V318.					
IAP	VOR/DME-A (SPECIAL). RNAV (GPS) RWY 11 RNAV (GPS)-B			PAKT	KETCHIKAN	AK (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/25/2008

REASON FOR REVISION:

CHANGED FAC1 RADIAL/COURSE/BEARING 289.55 TO REFLECT MAG VAR CHANGE OF ANN TO 21E.
MOVED FIX 8.80FT NW TO CENTER ON V311-318.
CHANGED HOLDING PATTERNS RAD/CRS/BRG AND CRS INBOUND TO REFLECT ANN MAG VAR CHANGE OF 21E.
UPDATED FIX USE
UPDATE HOLDING PATTERNS SPEED AND UPDATED CONTROLLING OBSTACLES AND CHANGED DME TO TIMED HOLDING FROM 10 DME TO 1 1/2 MINUTES.
UPDATED HOLDING PATTERNS TEMPLATE SIZE.
ADDED PRECIPITOUS TERRAIN EVALUATION REMARK.

DEVELOPED BY: DATE: 04/14/2008 OFFICE: AVN-130 NAME: DEZ SILAGYI (PATRICK MULQUEEN)

APPROVED BY: DATE: 09/25/2008 OFFICE: AVN-130 NAME: RICK WEBB

SIGNATURE:

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY:
OTHER: KTN FSS

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ERANE

STATE: AK

COUNTRY: US

INFO ONLY

LATITUDE/LONGITUDE: 553350.20N/1323734.42W

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 NM	FAC FEET	MRA	MAA
1	LEVEL ISLAND	LVD	VOR/DME	H	144.00	164.00	56.47	56.47		6000	17500
2	ANNETTE ISLAND	ANN	VOR/DME	H	289.55	310.55	46.98	46.98		6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LVD	VOR/DME	R-136	57	6000	17500
ANN	VOR/DME	R-290	47	6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V311					(US)
EN ROUTE	V318					(US)

REQUIRED CHARTING: CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/22/2013

REASON FOR REVISION:

UPDATED FAC 1 TRUE AND MAG BEARING.

DEVELOPED BY:

DATE: 05/15/2013

OFFICE: AJV-312

NAME: TOBY HUFF (ADRIAN BLAND)

APPROVED BY:

DATE: 06/19/2013

OFFICE: AJV-312

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

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

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: FLIPS

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 563432.58N/1345246.97W

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	BIORKA ISLAND	BKA	VORTAC	H	107.25	127.25	28.00	28.00		6000	45000
2	LEVEL ISLAND	LVD	VOR/DME	H	256.96	276.96	60.06	60.06		7000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LVD	VOR/DME	R-257	61	7000	17500

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	E		WP	108.00	288.00	R		4	7000	14000	7	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	563339.00N/1345148.00W	4108	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

BIORKA ISLAND (FAC 1) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLDING PAT 1 EVALUATED/USED BY ALASKA AIRLINES; HOLDING INFO TRANSCRIBED EXACTLY AS SUBMITTED ON THE 8260-2 WORKSHEET FROM ALASKA AIRLINES (PROVIDED BY AFS-460).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J195	1				(US)
EN ROUTE	T269					(US)
EN ROUTE	T280					(US)
EN ROUTE	V311	1, 2				(US)
EN ROUTE	V473	1, 2				(US)
SPECIAL DP	ANN RNAV (RNP)			PAKT	KETCHIKAN	AK (US)
SPECIAL DP	TOKEE RNAV (RNP)			PASI	SITKA	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 11		1	PASI	SITKA	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 29		1	PASI	SITKA	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

ADDED HOLDING PAT 1 AND ASSOCIATED DATA.
 ADDED SPECIAL IAP TO REQUIRED CHARTING.
 ADDED PASI-TOKEE RNAV (RNP), RNAV (RNP) M RWY 11 AND 29 TO FIX USE.
 UPDATED FIX USE.
 (THE UPDATES TO THIS FORM ONLY REFLECT THE REQUESTED/ASSOCIATED CHANGES FROM THE 8260-2 DATA WORKSHEETS PROVIDED BY ALASKA AIRLINES FOR THEIR SPECIAL PROCEDURES; ENTIRE FORM NOT REVIEWED/UPDATED)

DEVELOPED BY: DATE: 04/07/2015 OFFICE: AJV-351 NAME: SCOTT CORY

APPROVED BY: DATE: 05/19/2015 OFFICE: AJV-354 NAME: JILL OLSON

SIGNATURE:

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

QUALITY
 3
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TOKEE

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 555445.00N/1332243.71W

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	FAC FEET	MRA	MAA
1	ANNETTE ISLAND	ANN	VOR/DME	H	289.55	310.55	80.00	80.00		6000	17500
2	LEVEL ISLAND	LVD	VOR/DME	H	176.66	196.66		34.82		6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ANN	VOR/DME	R-290	80	6000	17500

FIX RESTRICTIONS:

MCA V311 9000 NORTHWEST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ANNETTE ISLAND (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T269					(US)
EN ROUTE	V311	1, 2				(US)
SPECIAL DP	TOKEE RNAV (RNP)		PASI	SITKA		AK (US)

REQUIRED CHARTING: CONTROLLER, EN ROUTE LOW, SPECIAL DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

ADDED MCA 9000 NW IN FIX RESTRICTIONS.

DEVELOPED BY:

DATE: 12/23/2015

OFFICE: AJV-5431

NAME: JOHNNIE BAKER (CHRISTINE BAYSE)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TURTY

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 554826.84N/1330858.14W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
DP
EN ROUTE

USE TITLE
TURTY (RNAV)
T269

FAC PAT

AIRPORT IDENT
PAKW

CITY
KLAWOCK

STATE
AK (US)
AK (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

DELETED V311 FROM FIX USE, ADDED T269.
CHANGED FPO FROM ANC TO WST.

DEVELOPED BY:

DATE: 12/23/2015

OFFICE: AJV-5431

NAME: JOHNNIE BAKER (CHRISTINE BAYSE)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UDENE

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 554130.61N/1325358.42W

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 NM	FAC FEET	MRA	MAA
1	ANNETTE ISLAND	ANN	VOR/DME	H	289.55	310.55	59.04	59.04		6000	45000
2	KLAWOCK	AKW	NDB/DME		019.47	039.47	9.60	9.60		5500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ANN	VOR/DME	R-290	60	6000	14700

FIX RESTRICTIONS:

SPECIAL UDENE RNAV (RNP), PAKT, KETCHIKAN, AK
 SPECIAL RNAV (RNP) M RWY 11, PAKT, KETCHIKAN, AK
 SPECIAL RNAV (RNP) M RWY 29, PAKT, KETCHIKAN, AK

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME	MIN	MAX	TEMPLATES MIN	MAX
1	W	ANN	VOR/DME	289.55	109.55	R	1		6000	14000	9	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	553457.80N/1325255.70W	4105	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	219

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

KLAWOCK (FAC 2) AND ANNETTE ISLAND (FAC 1) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLDING USED FOR ALASKAN AIR SPECIAL IAP'S, CLIMB-IN-HOLD NOT REQUIRED PER ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	UDENE RNAV (RNP)			PAKT	KETCHIKAN	AK (US)
DP	KLAWOCK (OBSTACLE)	1, 2		PAKW	KLAWOCK	AK (US)
DP	TAKEOFF MINIMUMS AND ODP	1, 2		PAKW	KLAWOCK	AK (US)
EN ROUTE	J195	1				(US)
EN ROUTE	V311	1, 2				(US)
IAP	RNAV (RNP) M RWY 11		1	PAKT	KETCHIKAN	AK (US)
IAP	RNAV (RNP) M RWY 29		1	PAKT	KETCHIKAN	AK (US)
IAP	NDB/DME RWY 2	2		PAKW	KLAWOCK	AK (US)
IAP	RNAV (GPS) RWY 2			PAKW	KLAWOCK	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED FIX USE, ADDING FAC 2 TO V311.
 ADDED REMARK "KLAWOCK (FAC 2) AND ANNETTE ISLAND (FAC 1) USED TO ESTABLISH FIX COORDINATES"

DEVELOPED BY: **DATE:** 12/23/2015 **OFFICE:** AJV-5431 **NAME:** JOHNNIE BAKER (CHRISTINE BAYSE)

APPROVED BY: **DATE:** **OFFICE:** AJV-5430 **NAME:** LONNIE EVERHART

SIGNATURE:

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

QUALITY
3
CHECKED

OTHER: KTN FSS



RADIO FIX AND HOLDING DATA RECORD

NAME: WIBTA

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 560908.80N/1335439.85W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	ANNETTE ISLAND	ANN	VOR/DME	H	289.55	310.55	103.00	103.00		9000	17500
2	LEVEL ISLAND	LVD	VOR/DME	H	215.93	235.93		33.54		9000	17500
3	BIORKA ISLAND	BKA	VORTAC	H	107.25	127.25		69.14		7500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BKA	VORTAC	R-107	69	7500	17500
ANN	VOR/DME	R-290	103	9000	17500

REMARKS:

ANNETTE ISLAND (FAC 1) AND LEVEL ISLAND (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V311	1, 2, 3				AK (US)

REQUIRED CHARTING: CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/26/2016

DEVELOPED BY: DATE: 12/23/2015

OFFICE: AJV-5431

NAME: JOHNNIE BAKER (CHRISTINE BAYSE)

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
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ATC FACILITY:
OTHER: KTN FSS

QUALITY
3
CHECKED