

RADIO FIX AND HOLDING DATA RECORD

NAME: BIG LAKE VORTAC

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 613410.04N/1495801.72W

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 FAC NM	FEET	MRA	MAA
1	BIG LAKE	BGQ	VORTAC	H							45000

FIX RESTRICTIONS:

MCA V456 5000 NORTHEAST BOUND
MCA V438 2600 NORTHBOUND

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	N	BGQ	VORTAC	355.42	175.42	R	1-1 1/2	5000 17500	5 16
2	N		WP	348.00	168.00	R		3000 17500	5 17
3	S	BGQ	VORTAC	176.46	356.46	L	1	2000 6000	4 5
4	S		WP	176.46	356.46	L		2000 6000	4 6
5	N		WP	352.00	172.00	R		4200 6000	6 6
6	SE	BGQ	VORTAC	138.00	318.00	L	1	3000 6000	8 9
7	W		WP	268.00	088.00	R		4000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	614221.00N/1494942.00W	1149	4E
1	310	AAO	615303.00N/1494200.00W	3334	4E
2	200	AAO	614124.00N/1495030.00W	952	4E
3	200	TOWER (02-020195)	612554.13N/1495952.56W	721	1A
3	310	TOWER (02-000257)	612520.00N/1495228.00W	960	3D
4	200	TOWER (02-020195)	612554.13N/1495952.56W	721	1A
5	200	AAO	614224.00N/1494848.00W	1270	4E
5	310	AAO	614339.00N/1493536.00W	3327	4E
6	265	TOWER (02-000257)	612520.00N/1495228.00W	960	3D
7	230	AAO	613127.00N/1495300.40W	620	4D
UPN	200	AAO	614315.00N/1494648.00W	1749	4E

REASON FOR NONSTANDARD HOLDING:

PAT 3 RESTRICTED AIRSPACE
PAT 4 RESTRICTED AIRSPACE
PAT 6 RESTRICTED AIRSPACE

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 4600FT.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF/DEPT PROCEDURE	PAWS	WASILLA	AK (US)
3	TAKEOFF/DEPT PROCEDURE	PAGQ	BIG LAKE	AK (US)
5	BIG LAKE (RNAV) DP	PAUO	WILLOW	AK (US)

REMARKS:

CHART HOLDING PAT 1 ON EN ROUTE LOW PER ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PATTERN 5 310KT OBSTACLE LOCATED 10345FT INTO SECONDARY.
ASSIGNED FACILITY MAG VAR: 19E 2016.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KNIK			PANC	ANCHORAGE	AK (US)
DP	TURNAGAIN			PANC	ANCHORAGE	AK (US)
DP	TAKEOFF/DEPT PROCEDURE		3	PAGQ	BIG LAKE	AK (US)
DP	PALMER (RNAV)			PAAQ	PALMER	AK (US)
DP	TAKEOFF/DEPT PROCEDURE		1	PAWS	WASILLA	AK (US)
DP	BIG LAKE (RNAV) DP		5	PAUO	WILLOW	AK (US)
EN ROUTE	J115					(US)
EN ROUTE	J124					(US)
EN ROUTE	Q43					(US)
EN ROUTE	V438		1			(US)
EN ROUTE	V456					(US)
EN ROUTE	V491					(US)
EN ROUTE	V510					(US)
EN ROUTE	T227					AK (US)
IAP	ILS Z OR LOC/DME RWY 6		6	PAED	ANCHORAGE	AK (US)
IAP	RNAV (GPS) A		4	PAMR	ANCHORAGE	AK (US)

IAP	HIGHWAY VISUAL RWY 25R		PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 15		PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 15		PANC	ANCHORAGE	AK (US)
IAP	RNAV (RNP) RWY 33	2	PANC	ANCHORAGE	AK (US)
IAP	SEWARD VISUAL RWY 25L		PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 07		PAGQ	BIG LAKE	AK (US)
IAP	RNAV (GPS) RWY 25		PAGQ	BIG LAKE	AK (US)
IAP	VOR RWY 7	3	PAGQ	BIG LAKE	AK (US)
IAP	RNAV (GPS) RWY 10		PAAQ	PALMER	AK (US)
IAP	RNAV (GPS)-A	7	PAAQ	PALMER	AK (US)
IAP	RNAV (GPS) RWY 04	2	PAWS	WASILLA	AK (US)
IAP	RNAV (GPS) RWY 22	2	PAWS	WASILLA	AK (US)
STAR	DESKA (MIL ONLY)		PAED	ANCHORAGE	AK (US)
STAR	ELLAM		PANC	ANCHORAGE	AK (US)
STAR	TAGER		PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 21

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

UPDATED REQUIRED CHARTING TO REFLECT CONTROLLER LOW AND CONTROLLER HIGH.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** TYLER MITCHELL

APPROVED BY: **DATE:** **OFFICE:** AJV-A422 **NAME:** ROBERT HAMILTON

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CARDD

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 612241.93N/1500654.71W

TYPE: WP, RADAR, 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	BIG LAKE	BGQ	VORTAC	H	181.39	200.39	12.27	12.27		3000	4600
2	ANCHORAGE	I-BSC	LOC/DME		328.87	344.87	13.21	13.20		3000	4600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FAC 1 DME COORDINATES: 611000.01N-1495940.34W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS RWY 15	1, 2		PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 15			PANC	ANCHORAGE	AK (US)
STAR	KROTO (RNAV)			PANC	ANCHORAGE	AK (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

UPDATED MAG BRG FROM 328.88 TO 328.87.
ADDED BGQ TO FIX MAKE-UP FACILITIES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TAYLOR GIBSON

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: IVANN

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 612300.21N/1503425.31W

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	ANCHORAGE	TED	VOR/DME	H	288.39	306.39	22.00	22.00		2200	17500
2	BIG LAKE	BGQ	VORTAC	H	218.59	237.59	20.74	20.74		2200	17500

FIX RESTRICTIONS:

MCA V440/T246 5900 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ANCHORAGE (FAC 1) AND BIG LAKE (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T246					(US)
EN ROUTE	V440	1, 2				(US)
IAP	ILS RWY 15	1		PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 15			PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 7L			PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) Y RWY 7R			PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

CHANGED MRA FOR FAC 1 AND 2 TO 2200.
REMOVED FAC 2 FROM ILS RWY 15 FIX USE.
ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TAYLOR GIBSON

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JUKEP

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 610001.26N/1502029.03W

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	ANCHORAGE	TED	VOR/DME	H	209.95	227.95	15.00	15.00	3000	17500
2	KENAI	ENA	VOR/DME	H	027.87	046.87	34.18	34.18	3000	17500
3	ELMENDORF	EDF	TACAN	H	209.63	227.63	22.63	22.63	3000	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	NE	TED	VOR/DME	029.95	209.95	R	1	3000 6000	5 6
2	NE	WP	WP	030.00	210.00	R	4	3000 6000	5 6
3	NE	ENA	VOR/DME	027.87	207.87	R	1	3000 6000	6 7
4	NE	EDF	TACAN	029.63	209.63	R	1	3000 6000	13 14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (02-020275)	610744.47N/1501334.55W	599	5F
2	200	WINDMILL (02-020275)	610744.47N/1501334.55W	599	5F
3	200	WINDMILL (02-020275)	610744.47N/1501334.55W	599	5F
4	310	AAO	610712.00N/1494912.00W	604	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ANCHORAGE (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7L	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC RWY 7R	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 15	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7L (SA CAT I-II)	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (CAT II-III)	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (SA CAT I)	1, 2, 3	1, 3, 4	PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 15		2	PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 7L		2	PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) Y RWY 7R		2	PANC	ANCHORAGE	AK (US)
IAP	RNAV (RNP) Z RWY 7R		2	PANC	ANCHORAGE	AK (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

1. UPDATED FIX MAKEUP FACILITIES - ADDED KENAI VOR(ENA) AND ELMENDORF TACAN (EDF) AS FIX MAKE UP FACILITIES.
2. ADDED HOLDING PATTERNS, ALTITUDES AND OBSTACLES FROM ENA AND EDF- ALTERNATE HOLDING PATTERNS ADDED TO ILS PROCEDURES AT PANC.
3. CHANGED MINIMUM HOLDING ALTITUDES FOR PAT 1 AND PAT 2 FROM 2500 TO 3000 - FPT REQUEST.
4. ADDED 3 AND 4 TO PAT UNDER FIX USE FOR ALL ILS PROCEDURES.
5. ADDED 2 TO FAC UNDER FIX USE FOR ALL ILS PROCEDURES.
6. ADDED ANCHORAGE (FAC 1) USED TO ESTABLISH FIX COORDINATES.
7. CHANGED MRA FROM 2000 TO 3000.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TAYLOR GIBSON

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZAN

ATC FACILITY: ANC APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KANSY

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 611555.11N/1500304.89W

TYPE: WP, RADAR, 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	ANCHORAGE	I-BSC	LOC/DME		328.87	344.87	6.16	6.15	37368	1600	4600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FAC 1 DME COORDINATES: 611000.01N-1495940.34W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS RWY 15	1		PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 15			PANC	ANCHORAGE	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

CHANGED KANSY LOCATION FROM 611554.60N/1500304.51W TO 611555.11N/1500304.89W (0.1 NM) - NEW PFAF FORMULA.
UPDATED FAC 1 MAG/TRUE BRG FROM 328.88/344.88 TO 328.87/344.87, DME FROM 6.15 TO 6.16, AND DIST FROM FAC FROM 6.14NM/37313FT TO 6.15NM/37368FT - MOVED PFAF.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TAYLOR GIBSON

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: TAGER

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 614022.59N/1502737.46W

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	TALKEETNA	TKA	VOR/DME	H	176.09	195.09	38.97	38.97		2500	45000
2	BIG LAKE	BGQ	VORTAC	H	275.00	294.00	15.44	15.44		2500	45000
3	ANCHORAGE	TED	VOR/DME	H	316.83	334.83	33.64	33.64		2200	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	NW	TED	VOR/DME	316.83	136.83	R	1-1 1/2	3000 17500	6 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	613848.00N/1503930.00W	653	4E

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

TALKEETNA (FAC 1) AND BIG LAKE (FAC 2) AND ANCHORAGE (FAC 3) USED TO ESTABLISH FIX COORDINATES
ANCHORAGE AREA CHART
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J125	2, 3				(US)
EN ROUTE	V436	1, 2, 3				(US)
EN ROUTE	V510	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 15			PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 7			PAGQ	BIG LAKE	AK (US)
STAR	TAGER	1, 2, 3	1	PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 10/15/2015

REASON FOR REVISION:

UPDATED FAC 3 MAGVAR FROM 19E TO 18E; CHANGED MAG BRG FROM 315.83 TO 316.83; CHANGED PAT 1 HOLDING RAD/CRS/BRG FROM 317.83 TO 315.83 AND CRS INBOUND FROM 135.83 TO 136.83.
UPDATED NOTE "FAC 1, 2 AND 3 USED TO ESTABLISH LAT/LONG" TO CORRECT FORMAT "TALKEETNA (FAC 1) AND BIG LAKE (FAC 2) AND ANCHORAGE (FAC 3) USED TO ESTABLISH FIX COORDINATES".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/27/2015

OFFICE: AJV-354

NAME: KISSY MAXFIELD

APPROVED BY:

DATE: 08/21/2015

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ZUXAN

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 610515.61N/1495707.08W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 15

FAC

PAT

AIRPORT IDENT
PANC

CITY
ANCHORAGE

STATE
AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/09/2012

REASON FOR REVISION:

1. MOVED FIX 4.07 NM SOUTH.
2. REMOVED FAC 1, NO LONGER REQUIRED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/06/2011

OFFICE: AVN-130

NAME: JIMMY HUGHES

APPROVED BY:

DATE: 12/09/2011

OFFICE: AVN-130

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

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