

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		4	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		4	2000	6000	4	6
5	N		WP	352.00	172.00	R		5	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		4	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					(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: JOHNSTONE POINT VOR/DME **STATE:** AK **COUNTRY:** US **ICAO REGION CODE:** PA
LATITUDE/LONGITUDE: 602851.43N/1463557.61W **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	JOHNSTONE POINT	JOH	VOR/DME	H							45000

FIX RESTRICTIONS:

MCA V319 4800 EASTBOUND
MCA T269 4800 EASTBOUND

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	JOH	VOR/DME	134.00	314.00	R	1		5000	10000	5	9
2	SE		WP	132.00	312.00	R		5	4400	10000	6	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	602446.30N/1463248.90W	3110	6C
1	310	AAO	602446.30N/1463248.90W	3110	6C
2	200	AAO	602446.30N/1463248.90W	3110	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	110
2	200	106

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 FOR ATC CIH PURPOSES TO ACCOMMODATE DISCREPANCIES IN AIRWAY MEAS.
JOH MAG VAR CHANGE FROM E27 TO 2015/E18, NFDD 205-2.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANCHORAGE			PANC	ANCHORAGE	AK (US)
DP	TURNAGAIN			PANC	ANCHORAGE	AK (US)
DP	CASEL			PACV	CORDOVA	AK (US)
DP	EYAKS			PACV	CORDOVA	AK (US)
DP	TAKEOFF MINIMUMS			PAKA	TATITLEK	AK (US)
DP	JMAAL (OBST)			PAVD	VALDEZ	AK (US)
DP	NAKED			PAVD	VALDEZ	AK (US)
DP	TAKEOFF MINIMUMS			PAVD	VALDEZ	AK (US)
EN ROUTE	J133					(US)
EN ROUTE	J167					(US)
EN ROUTE	J501					(US)
EN ROUTE	J617					(US)
EN ROUTE	Q14					(US)
EN ROUTE	T226					(US)
EN ROUTE	T262					(US)
EN ROUTE	T269					(US)
EN ROUTE	V319					(US)
EN ROUTE	V320					(US)
EN ROUTE	V481					(US)
EN ROUTE	V482					(US)
EN ROUTE	V617					(US)
IAP	ILS OR LOC RWY 27			PACV	CORDOVA	AK (US)
IAP	RNAV (GPS)-B			PACV	CORDOVA	AK (US)
IAP	RNAV (GPS) RWY 31		2	PAKA	TATITLEK	AK (US)
IAP	LDA/DME-H			PAVD	VALDEZ	AK (US)
SPECIAL DP	FJORD (RNAV)			PAVD	VALDEZ	AK (US)
SPECIAL DP	JOHNSTONE POINT			PAVD	VALDEZ	AK (US)
SPECIAL IAP	RNAV (GPS)-A			PFCB	CHENEGA	AK (US)
SPECIAL IAP	RNAV (GPS) M RWY 09			PACV	CORDOVA	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 27			PACV	CORDOVA	AK (US)
SPECIAL IAP	LDA/DME-G			PAVD	VALDEZ	AK (US)
SPECIAL IAP	RNAV (GPS)-B			PAVD	VALDEZ	AK (US)
STAR	ELLAM			PANC	ANCHORAGE	AK (US)
STAR	PTERS (RNAV)			PANC	ANCHORAGE	AK (US)
STAR	WITTI (RNAV)			PANC	ANCHORAGE	AK (US)
STAR	YESKA			PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 13

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

FIX RESTRICTIONS: REMOVED SPECIALS.

FIX USE: CHANGED FJORD (RNAV) DP AND JOHNSTONE POINT DP USE TYPE FROM "DP" TO "SPECIAL DP" AND CHANGED PFCB - RNAV (GPS)-A, PACV - RNAV (GPS) M RWY 098 AND RNAV (RNP) M RWY 27, AND PAVD - LDA/DME-G AND RNAV (GPS)-B USE TYPE FROM "IAP" TO "SPECIAL IAP"; REMOVED "/DME" FROM PACV - ILS OR LOC RWY 27 AND FROM PAVD - LDA-H.

REQUIRED CHARTING: CHANGED "CONTROLLER" TO "CONTROLLER LOW"; ADDED "SPECIAL IAP" AND "SPECIAL DP."

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-5431 **NAME:** JACOB MAXFIELD

APPROVED BY: **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN

SIGNATURE:

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

EN ROUTE	VOR-A		PASX	SOLDOTNA	AK (US)
IAP	HIGHWAY VISUAL RWY 25R		PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC/DME RWY 7L		PANC	ANCHORAGE	AK (US)
IAP	ILS OR LOC/DME RWY 7R	1	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 15		PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7L (SA CAT I-II)	1	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (CAT II-III)	1	PANC	ANCHORAGE	AK (US)
IAP	ILS RWY 7R (SA CAT I)	1	PANC	ANCHORAGE	AK (US)
IAP	SEWARD VISUAL RWY 25L		PANC	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 7		PAGQ	BIG LAKE	AK (US)
STAR	DESKA (MIL ONLY)		PAED	ANCHORAGE	AK (US)
STAR	AMOTT		PANC	ANCHORAGE	AK (US)
STAR	ELLAM		PANC	ANCHORAGE	AK (US)
STAR	TAGER		PANC	ANCHORAGE	AK (US)
STAR	YESKA		PANC	ANCHORAGE	AK (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 16

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

CHANGED MCA V319 FROM 6200 TO 8000 EASTBOUND IN FIX RESTRICTIONS.
 CHANGED MCA IN FIX RESTRICTIONS; V320 FROM 5400 TO 6000 SOUTHEAST BOUND TO ALIGN WITH CURRENT 8260-16 AND CHARTING.
 ADDED MCA IN FIX RESTRICTIONS; V440 6000 SOUTHEAST BOUND, V441 4200 SOUTHEAST BOUND, T269 6300 EASTBOUND TO ALIGN WITH CURRENT 8260-16 AND CHARTING.
 UPDATED FIX USE; ADDED ENROUTE Q8 AND DELETED ENROUTE J124.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 12/07/2017	OFFICE: AJV-5410	NAME: VICTOR NASO (BARRY SMITH)
APPROVED BY:	DATE:	OFFICE: AJV-5410	NAME: GEORGE DAVIS

SIGNATURE:

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