

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BIG LAKE VORTAC

**STATE:** AK

**COUNTRY:** US

**ICAO REGION CODE:** PA

**LATITUDE/LONGITUDE:** 613409.96N/1495801.77W

**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:** 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	BGQ	VORTAC	355.42	175.42	R	1	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
8	N	BGQ	VORTAC	355.42	175.42	R	1	4400 5000	13 14
9	W		WP	270.00	090.00	R		2000 6000	4 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
8	310	AAO	615051.00N/1494324.00W	2576	4E
9	200	AAO	613319.31N/1501054.08W	620	2C

**REASON FOR NONSTANDARD HOLDING:**

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

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	PAMR	ANCHORAGE	AK (US)
1	TAKEOFF MINIMUMS	PAWS	WASILLA	AK (US)
3	VOR RWY 7	PAGQ	BIG LAKE	AK (US)
3	TAKEOFF MINIMUMS	PAGQ	BIG LAKE	AK (US)
5	BIG LAKE (RNAV) DP	PAUO	WILLOW	AK (US)
8	TAKEOFF MINIMUMS	PAMR	ANCHORAGE	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	MERRILL (RNAV)		9	PAMR	ANCHORAGE	AK (US)
DP	TAKEOFF MINIMUMS		1, 8	PAMR	ANCHORAGE	AK (US)
DP	KNIK			PANC	ANCHORAGE	AK (US)
DP	TURNAGAIN			PANC	ANCHORAGE	AK (US)
DP	TAKEOFF MINIMUMS		3	PAGQ	BIG LAKE	AK (US)
DP	TAKEOFF MINIMUMS			PAFR	FORT RICHARDSON (ANCHORAGE)	AK (US)
DP	PALMER (RNAV)			PAAQ	PALMER	AK (US)
DP	TAKEOFF MINIMUMS		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	T227			(US)	
EN ROUTE	T372			(US)	
EN ROUTE	T381			(US)	
EN ROUTE	V438	1		(US)	
EN ROUTE	V456			(US)	
EN ROUTE	V491			(US)	
EN ROUTE	V510			(US)	
IAP	ILS Z OR LOC/DME Z RWY 6	6	PAED	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 6		PAED	ANCHORAGE	AK (US)
IAP	RNAV (GPS) A	4	PAMR	ANCHORAGE	AK (US)
IAP	RNAV (GPS) RWY 34	9	PAMR	ANCHORAGE	AK (US)
IAP	RNAV (GPS) Y RWY 7	9	PAMR	ANCHORAGE	AK (US)
IAP	RNAV (GPS) Z RWY 7	9	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:** 25

**DATE OF REVISION:** 03/21/2024

**REASON FOR REVISION:**

ADDED HOLDING PATTERN 9.

ADDED RNAV (GPS) RWY 6 AT PAED TO FIX USE.

ADDED RNAV (GPS) RWY 34 IAP AT PAMR TO FIX USE.

ADDED RNAV (GPS) Y RWY 7 IAP AT PAMR TO FIX USE.

ADDED RNAV (GPS) Z RWY 7 IAP AT PAMR TO FIX USE.

ADDED MERRILL SID AT PAMR TO FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A441

**NAME:** CHRIS MCCARTHY

**APPROVED BY:**

**DATE:** 03/21/2024

**OFFICE:** AJV-A441

**NAME:** DONALD LANIER

**SIGNATURE:**

*Digitally signed by*

**DONALD H LANIER**

Jan 17, 2024

QUALITY  
13  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CURMI STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 611006.87N/1495109.37W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

FIX RESTRICTIONS:

REMARKS:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 34			PAMR	ANCHORAGE	AK

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION:

ATC COORDINATION: DATE: 6/9/2022 FACILITY: PANC APP NAME: AARON NOVAK

DATE: 6/21/2022 ORGANIZATION: HUGHES AEROSPACE CORP NAME: TONY R LAWSON

OFFICE OF PRIMARY RESPONSIBILITY: HUGHES AEROSPACE CORP

APPROVED BY: TONY R LAWSON DATE: OFFICE: HUGHES AEROSPACE CORP

SIGNATURE: Tony Lawson  
Digitally signed by Tony Lawson  
Date: 2023.09.08 08:39:33  
+04'00'

DISTRIBUTION: NFDC  
FIFO  
FPT: ANC  
ARTCC: ZAN  
ATC FACILITY: PANC APP, PAMR ATCT  
OTHER: HUGHES AEROSPACE CORP

# RADIO FIX AND HOLDING DATA RECORD

NAME: FIMDA STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 610739.86N/1495109.65W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

FIX RESTRICTIONS:

REMARKS:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 34			PAMR	ANCHORAGE	AK

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION:

ATC COORDINATION: DATE: 6/9/2022 FACILITY: PANC APP NAME: AARON NOVAK

DATE: 6/21/2022 ORGANIZATION: HUGHES AEROSPACE CORP NAME: TONY R LAWSON

OFFICE OF PRIMARY RESPONSIBILITY: HUGHES AEROSPACE CORP

APPROVED BY: TONY R LAWSON DATE: OFFICE: HUGHES AEROSPACE CORP

SIGNATURE: Tony  
Lawson

Digitally signed by  
Tony Lawson  
Date: 2023.09.08  
08:43:07 -04'00'

DISTRIBUTION: NFDC  
FIFO  
FPT: ANC  
ARTCC: ZAN  
ATC FACILITY: PANC APP, PAMR ATCT  
OTHER: HUGHES AEROSPACE CORP

# RADIO FIX AND HOLDING DATA RECORD

NAME: HAGUI STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 610340.29N/1495152.79W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

FIX RESTRICTIONS:

REMARKS:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 34			PAMR	ANCHORAGE	AK

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION:

ATC COORDINATION: DATE: 6/9/2022 FACILITY: PANC APP NAME: AARON NOVAK

DATE: 6/21/2022 ORGANIZATION: HUGHES AEROSPACE CORP NAME: TONY R LAWSON

OFFICE OF PRIMARY RESPONSIBILITY: HUGHES AEROSPACE CORP

APPROVED BY: TONY R LAWSON DATE: OFFICE: HUGHES AEROSPACE CORP

SIGNATURE: Tony  
Lawson

Digitally signed by  
Tony Lawson  
Date: 2023.09.08  
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DISTRIBUTION: NFDC  
FIFO  
FPT: ANC  
ARTCC: ZAN  
ATC FACILITY: PANC APP, PAMR ATCT  
OTHER: HUGHES AEROSPACE CORP

# RADIO FIX AND HOLDING DATA RECORD

NAME: MCLNS STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 610008.59N/1500249.61W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

FIX RESTRICTIONS:

REMARKS:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 34			PAMR	ANCHORAGE	AK

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION:

ATC COORDINATION: DATE: 6/9/2022 FACILITY: PANC APP NAME: AARON NOVAK

DATE: 6/21/2022 ORGANIZATION: HUGHES AEROSPACE CORP NAME: TONY R LAWSON

OFFICE OF PRIMARY RESPONSIBILITY: HUGHES AEROSPACE CORP

APPROVED BY: TONY R LAWSON DATE: OFFICE: HUGHES AEROSPACE CORP

SIGNATURE: Tony Lawson  
Digitally signed by Tony Lawson  
Date: 2023.09.08  
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DISTRIBUTION: NFDC  
FIFO  
FPT: ANC  
ARTCC: ZAN  
ATC FACILITY: PANC APP, PAMR ATCT  
OTHER: HUGHES AEROSPACE CORP

# RADIO FIX AND HOLDING DATA RECORD

NAME: PEARY STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 605944.24N/1495236.24W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

FIX RESTRICTIONS:

REMARKS:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 34			PAMR	ANCHORAGE	AK

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION:

ATC COORDINATION: DATE: 6/9/2022 FACILITY: PANC APP NAME: AARON NOVAK

DATE: 6/21/2022 ORGANIZATION: HUGHES AEROSPACE CORP NAME: TONY R LAWSON

OFFICE OF PRIMARY RESPONSIBILITY: HUGHES AEROSPACE CORP

APPROVED BY: TONY R LAWSON DATE: OFFICE: HUGHES AEROSPACE CORP

SIGNATURE: Tony  
Lawson

Digitally signed by  
Tony Lawson  
Date: 2023.09.08  
08:49:58 -04'00'

DISTRIBUTION: NFDC  
FIFO  
FPT: ANC  
ARTCC: ZAN  
ATC FACILITY: PANC APP, PAMR ATCT  
OTHER: HUGHES AEROSPACE CORP