





# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BERGS **STATE:** AK **COUNTRY:** US **ICAO REGION CODE:** PA

**LATITUDE/LONGITUDE:** 583109.45N/1361826.25W **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	FAC FEET	MRA	MAA
1	SISTERS ISLAND	SSR	VORTAC	H	282.24	302.24	39.00	39.00		5600	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	E	SSR	VORTAC	102.24	282.24	R	1-1 1/2	9000 45000	11 31

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	583035.40N/1362847.00W	3957	6A

**PRECIPITOUS TERRAIN ADDITIONS:**

PAT	SPEED	ADDITION
1	230	197

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN

**REMARKS:**

PRECIPITIOUS TERRAIN EVALUATION COMPLETE.  
PATTERN 1 ESTABLISHED FOR ATC FLOW CONTROL.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	LDA M RWY 8	1		PAJN	JUNEAU	AK (US)
EN ROUTE IAP	J541 LDA RWY 8	1		PAJN	JUNEAU	(US)
		1		PAJN	JUNEAU	AK (US)

**REQUIRED CHARTING:** IAP, EN ROUTE HIGH, SPECIAL IAP, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8 **DATE OF REVISION:** 01/22/2026

**REASON FOR REVISION:**

1. UPDATED CHARTING FROM CONTROLLER TO CONTROLLER HIGH AND ADDED SPECIAL IAP.
2. FIX USE: UPDATED "LDA Z" TO "LDA M" AND UPDATED "LDA X" TO "LDA".
3. REMARKS: ADDED "PATTERN 1 ESTABLISHED FOR ATC FLOW CONTROL".

09/30/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/28/25.

1. CHANGED FAC 1 MRA FROM 9000 TO 5600.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A433 **NAME:** DANIEL JOHNSON

**APPROVED BY:** **DATE:** 12/18/2025 **OFFICE:** AJV-A433 **NAME:** ROBERT HAMILTON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** DIBOL

**STATE:** AK

**COUNTRY:** US

**ICAO REGION CODE:** PA

**LATITUDE/LONGITUDE:** 582142.15N/1351220.40W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) Q RWY 8			PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 8			PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) O RWY 8			PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) R RWY 8			PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) P RWY 8			PAJN	JUNEAU	AK (US)

**REQUIRED CHARTING:** AREA, SPECIAL IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 13

**DATE OF REVISION:** 01/22/2026

**REASON FOR REVISION:**

FIX USE: REMOVED: PAJN RNAV (GPS) T RWY 8 AND PAJN LDA Y RWY 8

9/9/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/18/2025.

1. REMOVED EEF FROM FIX MAKE-UP FACILITIES AND FIX USE FAC.

9/11/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/18/2025.

1. REMOVED SPECIAL IAP LDA Z RWY 8 AT PAJN FROM FIX USE.

2. REMOVED IAP LDA X RWY 8 AT PAJN FROM FIX USE.

3. REMOVED INT AND DME FROM FIX TYPE.

4. REMOVED ALL FIX MAKE-UP FACILITIES.

5. REMOVED I-JDL ESV.

6. REMOVED ALL REMARKS.

7. REMOVED IAP FROM REQUIRED CHARTING.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A412

**NAME:** COLE NESBITT

**APPROVED BY:**

**DATE:** 12/18/2025

**OFFICE:** AVJ-A412

**NAME:** CASEY HILL

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SISTERS ISLAND VORTAC      **STATE:** AK      **COUNTRY:** US      **ICAO REGION CODE:** PA

**LATITUDE/LONGITUDE:** 581039.58N/1351531.91W      **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	SISTERS ISLAND	SSR	VORTAC	H						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	S	SSR	VORTAC	167.00	347.00	R	1	5100 45000	5 29
2	SE	SSR	VORTAC	116.86	296.86	R	1	4000 45000	4 29
3	E		WP	077.00	257.00	L		3100 8000	4 4
4	W		WP	249.60	069.60	R	4	4000 8000	5 9
5	S		WP	167.00	347.00	R	5	5400 10000	6 10
6	E		WP	075.00	255.00	L	4	3000 8000	4 9
7	SW		WP	206.66	026.66	R	5	5000 8000	6 9
8	SE		WP	116.86	296.86	R	4	4000 45000	5 30
9	E		WP	075.00	255.00	L	5	6000 10000	6 14
10	SE	SSR	VORTAC	117.00	297.00	L	1	5000 15000	5 13

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	580312.00N/1351939.00W	2940	4B
2	200	AAO	581703.00N/1351424.00W	3304	4E
3	175	AAO	580415.00N/1351418.00W	2258	4E
3	200	TREE	580721.00N/1352246.00W	1787	2C
4	200	AAO	580939.00N/1353636.00W	2131	4E
5	200	AAO	580018.00N/1351106.00W	3097	4E
6	175	AAO	580415.00N/1351418.00W	2258	4E
6	200	TREE	580724.00N/1352248.00W	1707	4E
7	200	AAO	580100.00N/1352536.00W	3606	4E
8	200	AAO	581700.00N/1351421.00W	3396	4B
9	200	AAO	580745.00N/1352418.00W	2028	4E
9	310	AAO	580148.00N/1344024.00W	3944	4E
10	200	AAO	580145.00N/1351239.00W	2687	4B
10	310	AAO	581909.00N/1351103.00W	4006	4B

**PRECIPITOUS TERRAIN ADDITIONS:**

PAT	SPEED	ADDITION
1	200	1500
1	200	350
2	200	95
3	175	190
3	200	220
5	200	218
6	175	190
6	200	230
7	200	320
8	200	320
9	200	350
10	200	310
10	310	370

**REASON FOR NONSTANDARD HOLDING:**

PAT 3 TERRAIN  
PAT 6 TERRAIN  
PAT 9 TERRAIN  
PAT 10 TERRAIN

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S).  
PAT 3 CHART 175 KIAS HOLD.

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

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	GUSTAVUS (OBSTACLE)	PAGS	GUSTAVUS	AK (US)
3	RNAV (GPS) RWY 24	PAOH	HOONAH	AK (US)
3	ISLAND (RNAV)	PAOH	HOONAH	AK (US)
9	RNAV (GPS) P RWY 26	PAJN	JUNEAU	AK (US)
10	JUNEAU (OBSTACLE)	PAJN	JUNEAU	AK (US)

**REMARKS:**

## PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PAT 2 OBSTRUCTION LOCATED 10252 FT INTO THE SECONDARY; PRIMARY EQUIVALENT: 2440'.

PAT 3 175 KIAS OBSTRUCTION LOCATED 8113 FT INTO THE SECONDARY; EFFECTIVE HEIGHT 1424' MSL. APPLIED 1000 FT OF ROC, MAJORITY OF PATTERN OVER WATER.

PAT 3 - USED TEMPLATE 5 FOR CIH EVALUATION. USED 200 KIAS FOR CIH EVALUATION.

PAT 2 C-I-H EVALUATION RESTRICTED TO 200 KIAS FOR TERRAIN AVOIDANCE.

USE OF HOLDING PATTERNS BY ALASKA AIRLINES SPECIAL PROCEDURES AT PAJN REFLECTS THE SUBMITTED 8260-2 WORKSHEETS FROM ALASKA AIRLINES (PROVIDED BY AFS-460).

SISTERS ISLAND VORTAC MAGVAR 2015/E20.

PAT 6 175 KIAS OBSTRUCTION LOCATED 8553 FT INTO THE SECONDARY; PRIMARY EQUIVALENT ELEVATION 1406.

PAT 7 APPLIED 1000 FT ROC; TERMINAL HOLDING ONLY.

PAT 8 CONTROLLING OBSTACLE LOCATED 7288 FEET INTO SECONDARY AREA, PRIMARY EQUIVALENT HEIGHT IS 2596 FEET.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	GUMLE (RNAV)			PAHN	HAINES	AK (US)
SPECIAL DP	ZAAYN (RNAV)			PAHN	HAINES	AK (US)
SPECIAL DP	ISLAND (RNAV)		3	PAOH	HOONAH	AK (US)
SPECIAL DP	ALSEK (RNAV)		6	PAJN	JUNEAU	AK (US)
SPECIAL DP	CHANL (RNAV)			PAJN	JUNEAU	AK (US)
SPECIAL DP	SISTERS RNAV (RNP)			PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) P RWY 26			PAHN	HAINES	AK (US)
SPECIAL IAP	RNAV (GPS)-A		4	PAHN	HAINES	AK (US)
SPECIAL IAP	RNAV (GPS) RWY 24		3	PAOH	HOONAH	AK (US)
SPECIAL IAP	LDA M RWY 8		1	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) J RWY 8			PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) P RWY 26		9	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) P RWY 8		7	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) Q RWY 26		4	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) Q RWY 8		4	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) T RWY 8		5	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (GPS) W RWY 8		6	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 26		4	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 8		2	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) N RWY 26		5	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) N RWY 8		5	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) O RWY 8		2	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) R RWY 8		8	PAJN	JUNEAU	AK (US)
SPECIAL IAP	RNAV (RNP) U RWY 8		1	PAJN	JUNEAU	AK (US)
DP	GUSTAVUS (OBSTACLE)		2	PAGS	GUSTAVUS	AK (US)
DP	TAKEOFF MINIMUMS			PAGS	GUSTAVUS	AK (US)
DP	ASORT			PAJN	JUNEAU	AK (US)
DP	JUNEAU (OBSTACLE)		10	PAJN	JUNEAU	AK (US)
DP	SITKA			PASI	SITKA	AK (US)
EN ROUTE	J536					(US)
EN ROUTE	J541					(US)
EN ROUTE	Q902					(US)
EN ROUTE	T278					(US)
EN ROUTE	T481					(US)
EN ROUTE	V317					(US)
EN ROUTE	V428					(US)
EN ROUTE	V593					(US)
IAP	RNAV (GPS) RWY 29		6	PAGS	GUSTAVUS	AK (US)
IAP	VOR RWY 29		2	PAGS	GUSTAVUS	AK (US)
IAP	LDA RWY 8		1	PAJN	JUNEAU	AK (US)
IAP	RNAV (GPS) Z RWY 8			PAJN	JUNEAU	AK (US)
OTHER	R2015 (SPECIAL CAPSTONE ENROUTE)					(US)

**REQUIRED CHARTING:** DP, IAP, AREA, EN ROUTE LOW, EN ROUTE HIGH, SPECIAL IAP, SPECIAL DP, CONTROLLER LOW, CONTROLLER HIGH**COMPULSORY REPORTING POINT:** LOW/HIGH**RECORD REVISION NUMBER:** 36**DATE OF REVISION:** 01/22/2026**REASON FOR REVISION:**

1. UPDATED PAT 1 OBSTRUCTION AND PRECIPITOUS TERRAIN ADDITION.
2. FIX USE: UPDATED "LDA Z" TO "LDA M".
3. FIX USE: UPDATED "LDA X" TO "LDA".
4. CONTROLLING OBSTRUCTIONS: UPDATED PATTERN 10 FROM "310 AAO 575848.00N/1351312.00W 3550 4B" TO "310 AAO 581909.00N/1351103.00W 4006 4B".

**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A433

**NAME:** DANIEL JOHNSON**APPROVED BY:****DATE:** 12/18/2025**OFFICE:** AJV-A433**NAME:** ROBERT HAMILTON**SIGNATURE:**