

RADIO FIX AND HOLDING DATA RECORD

NAME: ELEPHANT NDB

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 581015.48N/1351528.50W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	ELEPHANT	EEF	NDB	H							45000

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

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	EEF	NDB	167.00	347.00	R	1	5000 14000	5 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	580318.20N/1351958.00W	2975	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	198

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
ASSIGNED FACILITY MAG VAR: 2015/E20.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	LDA Z RWY 8			PAJN	JUNEAU	AK (US)
DP	ASORT			PAJN	JUNEAU	AK (US)
DP	JUNEAU (OBSTACLE)			PAJN	JUNEAU	AK (US)
IAP	LDA X RWY 8		1	PAJN	JUNEAU	AK (US)
IAP	RNAV (GPS) V RWY 8			PAJN	JUNEAU	AK (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 12

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX USE: REMOVED PASI SITKA DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JUDITH TUTTLE

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: LEVEL ISLAND VOR/DME STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 562803.75N/1330459.21W 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	LEVEL ISLAND	LVD	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	LVD	VOR/DME	128.29	308.29	R	1		6000	17500	7	16
2	SE		WP	120.29	300.29	R		6	6000	17500	8	17
3	SW		WP	247.30	067.30	R		6	6000	10000	6	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	561912.00N/1324600.00W	2599	4E
1	310	AAO	561530.00N/1323342.00W	3993	4E
2	230	AAO	561912.00N/1324600.00W	2599	4E
2	310	AAO	563506.00N/1325200.00W	3478	4E
3	200	AAO	562609.00N/1325454.00W	1562	3D
3	230	AAO	562542.00N/1325115.00W	2287	3D

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	260
1	230	220
2	230	230
2	310	280
3	200	150
3	230	210

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	LEVEL ISLAND (OBSTACLE)	PAWG	WRANGELL	AK (US)
2	RNAV (GPS)-B	PAPG	PETERSBURG	AK (US)
3	RNAV (GPS)-E	PAWG	WRANGELL	AK (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR 2015/E20.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	TIEEE (RNAV)			PAFE	KAKE	AK (US)
SPECIAL DP	DOOZI RNAV (RNP)			PAKT	KETCHIKAN	AK (US)
SPECIAL DP	HURAS RNAV (RNP)			PAPG	PETERSBURG	AK (US)
SPECIAL IAP	LDA RWY 23		1	PAPG	PETERSBURG	AK (US)
SPECIAL IAP	RNAV (GPS) N RWY 23			PAPG	PETERSBURG	AK (US)
SPECIAL IAP	RNAV (GPS) P RWY 23			PAPG	PETERSBURG	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 23		2	PAPG	PETERSBURG	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 5		2	PAPG	PETERSBURG	AK (US)
SPECIAL IAP	RNAV (GPS) P RWY 10		2	PAWG	WRANGELL	AK (US)
SPECIAL IAP	RNAV (GPS) Q RWY 10		3	PAWG	WRANGELL	AK (US)
SPECIAL IAP	RNAV (GPS)-E		3	PAWG	WRANGELL	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 10		2	PAWG	WRANGELL	AK (US)
SPECIAL IAP	RNAV (RNP) M RWY 28		2	PAWG	WRANGELL	AK (US)
DP	KAKE (OBSTACLE)			PAFE	KAKE	AK (US)
DP	PETERSBURG (OBSTACLE)			PAPG	PETERSBURG	AK (US)
DP	LEVEL ISLAND (OBSTACLE)		1	PAWG	WRANGELL	AK (US)
EN ROUTE	Q902					(US)
EN ROUTE	T241					(US)
EN ROUTE	T280					(US)
EN ROUTE	V317		1			(US)
EN ROUTE	V473					(US)
IAP	LDA-D		1	PAPG	PETERSBURG	AK (US)
IAP	RNAV (GPS)-B		2	PAPG	PETERSBURG	AK (US)
IAP	LDA-C			PAWG	WRANGELL	AK (US)
IAP	LDA-D			PAWG	WRANGELL	AK (US)
IAP	RNAV (GPS) RWY 10			PAWG	WRANGELL	AK (US)
OTHER	R2025 (SPECIAL CAPSTONE EN ROUTE)					(US)



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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 22

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

REMOVED JUNEAU DEPARTURE FROM FIX USE

ADDED R2025 (SPECIAL CAPSTONE EN ROUTE) TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: RADKY

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 580800.39N/1342955.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
SPECIAL IAP
SPECIAL IAP
EN ROUTE
EN ROUTE

USE TITLE
RNAV (GPS) P RWY 26
RNAV (GPS) Q RWY 8
T266
T278

FAC

PAT

AIRPORT IDENT
PAHN
PAJN

CITY
HAINES
JUNEAU

STATE
AK (US)
AK (US)
(US)
(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

REMOVED INT FROM FIX TYPE
FIX MAKE-UP FACILITIES: REMOVED CGL NDB AND ASSOCIATED REMARK.
REMOVED EEF NDB FROM FIX MAKEUP
REMOVED JUNEAU DEPARTURE FROM FIX USE
REMOVED DP FROM REQUIRED CHARTING

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

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	5000 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	580318.20N/1351958.00W	2975	6A
1	310	AAO	575740.70N/1352300.20W	3968	6A
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	575848.00N/1351312.00W	3550	4B

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	198
2	200	95
3	200	220
3	175	190
5	200	218
6	200	230
6	175	190
7	200	320
8	200	320
9	200	350
10	200	310
10	310	360

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	ISLAND (RNAV)	PAOH	HOONAH	AK (US)
3	RNAV (GPS) RWY 24	PAOH	HOONAH	AK (US)
9	RNAV (GPS) P RWY 26	PAJN	JUNEAU	AK (US)
10	JUNEAU (OBSTACLE)	PAJN	JUNEAU	AK (US)

REMARKS:

QUALITY
8
CHECKED

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 Z 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 X 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: 35

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1. HOLDING: ADDED HOLDING PATTERN 10 AND ALL ASSOCIATIONS.
2. FIX USE: CHANGED FROM "RNAV (GPS) V RWY 8" TO "RNAV (GPS) Z RWY 8" AT PAJN.
3. ADDED PAT 10 TO JUNEAU DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SUMNER STRAIT NDB

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 562752.49N/1330550.55W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	SUMNER STRAIT	SQM	NDB	H						17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

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		WP	170.38	350.38	R	4	4000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	562309.00N/1325718.00W	1444	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	160

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN AND RESTRICTED FOR USE BY AIRCRAFT EQUIPPED WITH DUAL OPERATIONAL TSO C145A/146A WAAS COMPATIBLE RECEIVERS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

SQM MAG/VAR E 20 / 2015.

SPECIAL OFF AIRWAY ROUTE NOT CHARTED, CAPSTONE NON-PART 95 ROUTE, HOLDING PAT 1.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	SUMNER (RNAV)		1	PAWG	WRANGELL	AK (US)
DP	JUNEAU (OBSTACLE)			PAJN	JUNEAU	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

FIX CANCELLED, SUMNER (RNAV) PROCEDURE CANCELLATION.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RALPH DUMAR

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

