

RADIO FIX AND HOLDING DATA RECORD

NAME: BORLAND NDB STATE: AK COUNTRY: US ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 551856.40N/1603106.22W 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	BORLAND	HBT	NDB/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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S	HBT	NDB/DME	164.00	344.00	R	1		3500	1893	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	551651.00N/1603654.00W	1893	4E
1	310	AAO	551713.70N/1604309.50W	2483	6C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	BORLAND DP	PASD	SAND POINT	AK (US)

REMARKS:

REFERENCE MAGVAR: 11E, EPOCH YEAR 2020
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BORLAND DP		1	SDP/PASD	SAND POINT	AK (US)
EN ROUTE	G12					(US)
EN ROUTE	G2					(US)
EN ROUTE	J604					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. PROCEDURES REQUIRING CLIMB-IN-HOLD: REMOVED NDB RWY 14 AND NDB RWY 32 AT PASD.
2. FIX USE: DELETED RNAV (GPS) RWY 8 AND RNAV (GPS) RWY 26 AT OUL/PAOU.
3. FIX USE: DELETED NDB RWY 14 AND NDB RWY 32 AT SDP/PASD.
4. REQUIRED CHARTING: DELETED CONTROLLER AND ADDED CONTROLLER LOW AND CONTROLLER HIGH.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A422	NAME: RICHARD BRUCE
APPROVED BY:	DATE: 09/24/2026	OFFICE: AJV-A420	NAME: BEV L BORDY

SIGNATURE: Digitally signed by
RAKE MCGRAW
Jul 01, 2026

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CUBPA

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 552925.10N/1600115.08W

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	BORLAND	HBT	NDB/DME	H	047.13	058.13	20.02	20.00	10000	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		WP	047.54	227.54	R	7	7000 14000	9 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	553527.00N/1594042.00W	1733	4E
1	310	AAO	554415.00N/1593636.00W	1818	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 32	SDP/PASD	SAND POINT	AK (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	G2	1	1			(US)
IAP	RNAV (GPS) RWY 32				SAND POINT	AK (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. REMOVED EXPANDED SERVICE VOLUME (ESV) FOR HBT NDB/DME, BRG-047, DISTANCE 21, ALTITUDES 4100-17500 - ESVMS STAFF CONFIRMED THERE IS NO RECORD OF THIS ESV IN THEIR SYSTEM. ALSO NOTHING IN AIRNAV DATA FOR HBT NDB/DME.
2. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED RNAV (GPS) RWY 32 AT SDP/PASD.
3. FIX USE: DELETED NDB RWY 14 AT SDB/PASD.
4. REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RICHARD BRUCE

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE: *Digitally signed by*

RAKE MCGRAW

Jul 01, 2026

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DUGAC

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 551852.49N/1610606.43W

TYPE: WP, DME

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	MRA	MAA
1	BORLAND	HBT	NDB/DME	H	259.05	270.05	19.96	20.00	10000	17500

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	SW		WP	227.86	047.86	R	4	5000 6000	6 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	551106.00N/1612030.00W	1569	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	G12	1				(US)
IAP	RNAV (GPS) Y RWY 14		1	SDP/PASD	SAND POINT	AK (US)
IAP	RNAV (GPS) Z RWY 14		1	SDP/PASD	SAND POINT	AK (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. FIX USE: ENROUTE ENTRY, ADDED TITLE G12 AND FAC 1.
2. FIX USE: DELETED NDB RWY 14 AND NDB RWY 32 AT SDP/PASD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RICHARD BRUCE

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

RAKE MCGRAW

Jul 01, 2026

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JOTOK

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 551224.02N/1602906.85W

TYPE: DME

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	BORLAND	HBT	NDB/DME	H	159.13	170.13	6.67	6.65	40407	2300	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 32	1		SDP/PASD	SAND POINT	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

NEW COORDINATES, FIX MOVED 1324 FEET SE.
UPDATE FAC 1, CHANGED MAG/TRUE BRG FROM 157.00/172.00 TO 159.13/170.13.
CHANGED DME FROM 6.64 TO 6.67, ADDED DIST FROM FAC, AND LOWERED MRA FROM 2400 TO 2300.
UPDATE FIX USE, CHANGED NDB/DME RWY 31 TO NDB RWY 32.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/11/2017

OFFICE: AJV-5432

NAME: HERMAN ROGERS

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

DISTRIBUTION:

NFDC
FPO: ANC
ARTCC: ZAN
ATC FACILITY:
OTHER: CDB FSS

RAKE MCGRAW

Jul 01, 2026

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OTIPE

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 551422.04N/1602942.68W

TYPE: DME

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	FAC FEET	MRA	MAA
1	BORLAND	HBT	NDB/DME	H	159.13	170.13	4.67	4.65		1520	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 32	1		SDP/PASD	SAND POINT	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

NEW COORDINATES, FIX MOVED 4958 FEET SE.
UPDATE FAC 1, CHANGED MAG/TRUE BRG FROM 157.00/172.00 TO 159.13/170.13.
CHANGED DME FROM 3.84 TO 4.67, ADDED DIST FROM FAC, AND RAISED MRA FROM 1260 TO 1620.
UPDATE FIX USE, CHANGED NDB/DME RWY 31 TO NDB RWY 32.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/11/2017

OFFICE: AJV-5432

NAME: HERMAN ROGERS

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

RAKE MCGRAW

DISTRIBUTION:

NFDC
FPO: ANC
ARTCC: ZAN
ATC FACILITY:
OTHER: CDB FSS

Jul 01, 2026

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RAYMD

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 553553.52N/1601233.45W

TYPE: WP, DME

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	MRA	MAA
1	BORLAND	HBT	NDB/DME	H	020.74	031.74	20.01	20.00	10000	17500

FIX RESTRICTIONS:

MCA T435 5300 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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE		WP	057.92	237.92	L		5	5100	10000	6	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	554246.50N/1601051.60W	4028	4A
1	310	AAO	554246.50N/1601051.60W	4028	4A

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RAYMD (RNAV)	PASD	SAND POINT	AK (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RAYMD (RNAV)		1	SDP/PASD	SAND POINT	AK (US)
EN ROUTE	G12	1				(US)
EN ROUTE	T435					(US)
IAP	RNAV (GPS) Y RWY 14			SDP/PASD	SAND POINT	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. AIRSPACE DOCKET: DELETED 21-AAL-39.
2. FIX USE: DELETED NDB RWY 14 AND NDB RWY 32 AT SDP/PASD.
3. FIX USE: CHANGED "RNAV (GPS) Z RWY 14" TO "RNAV (GPS) Y RWY 14" AT SDP/PASD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RICHARD BRUCE

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE: *Digitally signed by*

RAKE MCGRAW

Jul 01, 2026

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SAFKO

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 554648.66N/1620207.95W

TYPE: WP, INT

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	BORLAND	HBT	NDB	H	288.00	299.00		58.76	5000	17500
2	ELFEE	ELF	NDB	H	031.13	041.13		38.82	5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
HBT	NDB	R-288	59	5000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BORLAND (FAC 1) AND ELFEE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	G10	1, 2				AK (US)
IAP	RNAV (GPS) RWY 15			CDB/PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 26			CDB/PACD	COLD BAY	AK (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. FIX USE: DELETED NDB RWY 14 AND NDB RWY 32 AT SDP/PASD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RICHARD BRUCE

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

RAKE MCGRAW

Jul 01, 2026

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WONBA

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 551026.22N/1602831.13W

TYPE: DME

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	FAC FEET	MRA	MAA
1	BORLAND	HBT	NDB/DME	H	159.13	170.13	8.66	8.65		2900	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 32	1		SDP/PASD	SAND POINT	AK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

NEW COORDINATES, FIX MOVED 1722 FEET SE.
UPDATE FAC 1, CHANGED MAG/TRUE BRG FROM 157.00/172.00 TO 159.13/170.13.
CHANGED DME FROM 8.64 TO 8.66 AND ADDED DIST FROM FAC.
UPDATE FIX USE, CHANGED NDB/DME RWY 31 TO NDB RWY 32.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/11/2017

OFFICE: AJV-5432

NAME: HERMAN ROGERS

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
RAKE MCGRAW

DISTRIBUTION:

NFDC
FPO: ANC
ARTCC: ZAN
ATC FACILITY:
OTHER: CDB FSS

Jul 01, 2026

QUALITY
13
CHECKED