

RADIO FIX AND HOLDING DATA RECORD

NAME: COGHLAN ISLAND NDB

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 582133.57N/1344158.02W

TYPE:

AIRSPACE DOCKET: 22-AAL-33

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	COGHLAN ISLAND	CGL	NDB	HZ						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	CGL	NDB	065.00	245.00	R	1	7500 17500	8 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	582923.10N/1342907.60W	6168	6A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HOLDING ATC REQUEST
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 20E/2015.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	CHLKT RNAV (RNP)			PAJN	JUNEAU	AK (US)
SPECIAL IAP	LDA Z RWY 8			PAJN	JUNEAU	AK (US)
DP	ASORT			PAJN	JUNEAU	AK (US)
DP	JUNEAU (OBSTACLE)			PAJN	JUNEAU	AK (US)
IAP	VOR/DME RWY 29			PAGS	GUSTAVUS	AK (US)
IAP	LDA X RWY 8			PAJN	JUNEAU	AK (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 9

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. AIRSPACE DOCKET: ADDED "22-AAL-33".
2. PATTERNS: CHANGED PAT 1 LEG LENGTH TIME FROM "1-1 1/2" TO "1".
3. REMARKS: ADDED "ASSIGNED FACILITY MAGVAR: 20E/2015".
4. FIX USE: REMOVED TAKEOFF MINIMUMS DP @ PAJN, A15 EN ROUTE, AND T266 EN ROUTE.
5. REQUIRED CHARTING: CHANGED "CONTROLLER" TO "CONTROLLER LOW".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jun 28, 2024

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DELTA JUNCTION NDB STATE: AK COUNTRY: US ICAO REGION CODE: PA
LATITUDE/LONGITUDE: 640124.44N/1454112.58W TYPE:
AIRSPACE DOCKET: 22-AAL-33 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	DELTA JUNCTION	DJN	NDB	H						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	E	DJN	NDB	112.00	292.00	R	1	3900 12000	6 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	635412.00N/1453442.00W	1759	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ANC ATC REQUESTED THAT DJN NDB REMAIN A COMPULSORY REPORTING POINT.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 20E/2015.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS			PABI	DELTA JUNCTION/FT GREELY	AK (US)
IAP	NDB-A		1	PABI	DELTA JUNCTION/FT GREELY	AK (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 9 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. AIRSPACE DOCKET: CHANGED FROM "22-AAL-17" TO "22-AAL-33".
2. REMARKS: ADDED "ASSIGNED FACILITY MAGVAR: 20E/2015".
3. FIX USE: REMOVED A15 EN ROUTE.
3. REQUIRED CHARTING: REMOVED "IAP" AND ADDED "MILITARY DP".

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: MICHAEL GARRITY
APPROVED BY:	DATE: 09/05/2024	OFFICE: AJV-A423	NAME: ALLAN WILL

SIGNATURE:

Digitally signed by
ALLAN WILL
Jun 28, 2024

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DUVOT

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 622839.77N/1410000.00W

TYPE: DME

AIRSPACE DOCKET: 22-AAL-17

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	NABESNA	AES	NDB	H	118.06	138.06		37.91		8400	17500
2	NORTHWAY	ORT	VORTAC	H	113.85	137.85	37.87	37.87		8400	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

NABESNA (FAC 1) USED TO ESTABLISH FIX COORDINATES.
FIX ESTABLISHED ON U.S. CANADIAN BORDER.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	A15	1, 2				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 7

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 20-AAL-15 TO 22-AAL-17.

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (AES) DIST FROM FAC FROM 37.55 TO 37.91 AND CHANGED MRA FROM 9600 TO 8400 - AIRWAY MEA. CHANGED FAC 2 (ORT) MRA FROM 9600 TO 8400 - AIRWAY MEA. REMOVED FAC 3 (YXQ) - FACILITY NOT CHARTED.

FIX USE: REMOVED A2.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jun 28, 2024

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HAINES NDB

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 591243.53N/1352551.08W

TYPE:

AIRSPACE DOCKET: 22-AAL-8

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	HAINES	HNS	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	SE	HNS	NDB	136.00	316.00	L	1	8700 14000	9 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	590612.00N/1353212.00W	6674	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	380

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.
(PAT 1) ENROUTE HOLDING ONLY. DO NOT CHART.

REMARKS:

PRECIPITOUS TERRAIN EVALUATED.
ASSIGNED FACILITY MAGVAR: 20E/2015.
PATTERN 1 ATC REQUEST HOLDING.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	A15					(US)
EN ROUTE	V428					(US)

REQUIRED CHARTING: AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 6

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. AIRSPACE DOCKET: CHANGED FROM 20-AAL-15 TO 22-AAL-8.
2. FIX USE: REMOVED EN ROUTE B38 AND B40.
3. HOLDING RESTRICTIONS: ADDED "DO NOT CHART" - ATC REQUESTED.
4. REMARKS: ADDED "PATTERN 1 ATC REQUEST HOLDING".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jun 28, 2024

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HWTCC

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 544151.90N/1311337.80W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

COMPUTER NAVIGATION FIX

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
A15

FAC PAT AIRPORT IDENT CITY

STATE
AK (US)

REQUIRED CHARTING: CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/13/2011

REASON FOR REVISION:

CHANGED LAT LON.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jun 28, 2024

DISTRIBUTION:

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

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MAGNM

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 593821.18N/1360544.25W

TYPE: WP

AIRSPACE DOCKET: 22-AAL-33

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

COORDINATES BASED ON AIRWAY CENTERLINE AT BORDER.
AIR TRAFFIC REQUEST FOR REPORTING POINT.

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
T481

FAC

PAT

AIRPORT IDENT

CITY

STATE
(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. AIRSPACE DOCKET: CHANGED FROM "19-AAL-52" TO "22-AAL-33".
2. FIX USE: REMOVED A15 EN ROUTE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jun 28, 2024

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NICHOLS NDB STATE: AK COUNTRY: US ICAO REGION CODE: PA
LATITUDE/LONGITUDE: 550415.17N/1313618.03W TYPE:
AIRSPACE DOCKET: 22-AAL-10 FIX TYPE OF ACTION: CANCEL
FIX MAKE-UP FACILITIES:
FAC NAME IDENT TYPE CLASS MAG TRUE DME DIST FROM FAC MRA MAA
NM FEET
1 NICHOLS ICK 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 HOLDING ALTITUDES TEMPLATES
MIN MAX MIN MAX
1 NW ICK NDB 313.00 133.00 R 1 4200 14000 5 10

CONTROLLING OBSTRUCTIONS:
PAT AIRSPEED OBSTRUCTION COORDINATES ELEVATION ACCURACY CODE
1 200 AAO 551155.20N/1314715.70W 2930 2C

PRECIPITOUS TERRAIN ADDITIONS:
PAT SPEED ADDITION
1 200 170

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:	USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	A15						(US)
EN ROUTE	B28						(US)
IAP	ILS Y OR LOC Y RWY 11 (ALT MISSED)		1	PAKT	KETCHIKAN		AK (US)
IAP	ILS Z OR LOC Z RWY 11		1	PAKT	KETCHIKAN		AK (US)
IAP	LOC X RWY 11 (ALT MISSED)		1	PAKT	KETCHIKAN		AK (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 4 DATE OF REVISION: 02/23/2023

REASON FOR REVISION:
AIRSPACE DOCKET: ADDED 22-AAL-10.
HOLDING:
PATTERNS: DELETED PAT 1, CHANGED PAT 2 FROM PAT 2 TO PAT 1.
HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERN.
PRECIPITOUS TERRAIN ADDITIONS: PAT 1 CHANGED FROM 76 TO NEW PRECIPITOUS TERRAIN VALUE 170.
REMARKS: DELETED HOLDING LIMITED TO ESTABLISHED PATTERNS.
FIX USE: DELETED B79; ADDED (ALT MISSED) TO ILS Y OR LOC Y RWY 11 AND LOC X RWY 11 AT PAKT.
REQUIRED CHARTING: CHANGED FROM CONTROLLER TO CONTROLLER LOW.

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: NAME:
APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A423 NAME: ALLAN WILL
SIGNATURE:

Digitally signed by
ALLAN WILL
Jun 28, 2024

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RADKY

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 580800.39N/1342955.53W

TYPE: WP, INT

AIRSPACE DOCKET: 22-AAL-33

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	COGHLAN ISLAND	CGL	NDB	HZ	134.81	154.81		15.00		7000	17500
2	ELEPHANT	EEF	NDB	H	075.02	095.02		24.24			17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

COGHLAN ISLAND (FAC 1) AND ELEPHANT (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) P RWY 26			PAHN	HAINES	AK (US)
SPECIAL IAP	RNAV (GPS) Q RWY 8			PAJN	JUNEAU	AK (US)
DP	JUNEAU (OBSTACLE)	1, 2		PAJN	JUNEAU	AK (US)
EN ROUTE	T266					(US)
EN ROUTE	T278					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. AIRSPACE DOCKET: CHANGED FROM "19-AAL-76" TO "22-AAL-33".
2. FIX MAKE-UP FACILITIES: CHANGED FAC 1 CGL NDB BEARINGS FROM "134.79/154.79" TO "134.81/154.81".
3. FIX USE: REMOVED A15 EN ROUTE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jun 28, 2024

QUALITY
32
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: 22-AAL-33

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	SUMNER STRAIT	SQM	NDB	H							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	SE	SQM	NDB	120.29	300.29	R	1	7000 10000	8 9
2	S		WP	170.38	350.38	R	4	4000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	561912.00N/1324600.00W	2599	4E
2	200	AAO	562309.00N/1325718.00W	1444	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	220
2	200	160

HOLDING RESTRICTIONS:

HOLDING PATTERN 2 RESTRICTED FOR USE BY AIRCRAFT EQUIPPED WITH DUAL OPERATIONAL TSO C145A/146A WAAS COMPATIBLE RECEIVERS.

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

SQM MAG/VAR E 20 / 2015.

SPECIAL OFF AIRWAY ROUTE NOT CHARTED, CAPSTONE NON-PART 95 ROUTE, HOLDING PAT 2.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	SUMNER (RNAV)		2	PAWG	WRANGELL	AK (US)
SPECIAL IAP	LDA/DME-A		1	PAPG	PETERSBURG	AK (US)
SPECIAL IAP	LDA/DME-D		1	PAPG	PETERSBURG	AK (US)
SPECIAL IAP	RNAV (GPS)-E		2	PAWG	WRANGELL	AK (US)
DP	JUNEAU (OBSTACLE)			PAJN	JUNEAU	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. AIRSPACE DOCKET: CHANGED FROM "22-AAL-15" TO "22-AAL-33".
2. FIX USE: REMOVED KAKE DP @ PAFE AND A15 EN ROUTE.
3. REQUIRED CHARTING: ADDED "SPECIAL DP".

06/28/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/29/24.

1. FIX USE: REMOVED NDB/DME RWY 11 IAP @ PAFE.
2. REQUIRED CHARTING: REMOVED "IAP".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jun 28, 2024

QUALITY
32
CHECKED