

RADIO FIX AND HOLDING DATA RECORD

NAME: CFMWC

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 562343.00N/1610223.06W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NAME CHANGED FROM DAYVU TO CFMWC

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
G10

FAC

PAT

AIRPORT IDENT

CITY

STATE
(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

1. FIX USE: REMOVED G8 EN ROUTE.
2. REQUIRED CHARTING: CHANGED "CONTROLLER" TO "CONTROLLER LOW".

06/11/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/18/25.

1. NAME: CHANGED FROM "DAYVU" TO "CFMWC".
2. TYPE: ADDED "CNF".
3. REMARKS: REMOVED "COMPUTER NAVIGATION FIX" AND "FAA # 21711". ADDED "NAME CHANGED FROM DAYVU TO CFMWC".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jun 12, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CHINOOK NDB STATE: AK COUNTRY: US ICAO REGION CODE: PA
LATITUDE/LONGITUDE: 584413.80N/1564641.91W TYPE:
AIRSPACE DOCKET: 19-AAL-63 FIX TYPE OF ACTION: CANCEL
FIX MAKE-UP FACILITIES:
FAC NAME IDENT TYPE CLASS MAG TRUE DME DIST FROM FAC MRA MAA
BRG BRG NM FEET
1 CHINOOK AUB 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 DME HOLDING ALTITUDES MIN MAX TEMPLATES MIN MAX
1 NW AUB NDB 301.00 121.00 R 1 3000 17500 4 16

CONTROLLING OBSTRUCTIONS:
PAT AIRSPEED OBSTRUCTION COORDINATES ELEVATION ACCURACY CODE
1 200 AAO 584551.00N/1564600.00W 435 4E
1 310 AAO 583747.00N/1565933.00W 502 4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:
PAT PROCEDURE TITLE AIRPORT IDENT CITY STATE
1 LOC BC RWY 30 PAKN KING SALMON AK (US)
1 ILS Y OR LOC Y RWY 12 PAKN KING SALMON AK (US)

REMARKS:
HOLDING EVALUATED FOR MILITARY USE.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 2021/E11.

FIX USE:	USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	B27						(US)
EN ROUTE	G12						(US)
EN ROUTE	G8						(US)
EN ROUTE	J606						(US)
EN ROUTE	R99						(US)
EN ROUTE	V619						(US)
IAP	ILS Y OR LOC Y RWY 12			1	PAKN	KING SALMON	AK (US)
IAP	LOC BC RWY 30			1	PAKN	KING SALMON	AK (US)
IAP	VOR Y OR TACAN Y RWY 30				PAKN	KING SALMON	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 DATE OF REVISION: 10/05/2023

REASON FOR REVISION:
REMOVED T230 FROM FIX USE
CHANGED DOCKET NUMBER

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: TAYLOR GIBSON
APPROVED BY: DATE: 07/03/2025 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:
Digitally signed by
ALLAN WILL
Feb 18, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CRACK

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 572047.83N/1592418.79W

TYPE: WP, INT

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	MRA	MAA
1	CHINOOK	AUB	NDB	H	210.17	226.17		118.36	3000	17500
2	PORT HEIDEN	PDN	NDB/DME	H	297.93	313.93		34.20	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
AUB	NDB	BRG-210	119	3000	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	G8					

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 10

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

FAC 1 CHANGED FROM SALDO (AKN) TO CHINOOK (AUB) - FACILITY NAME/IDENTIFIER CHANGE
REMOVED FAC 3 - FIX NO LONGER ASSOCIATED WITH RNAV APPROACH TO PAPH
UPDATED ESV FOR FACILITY NAME/IDENTIFIER CHANGE FROM SALDO (AKN) TO CHINOOK (AUB)
UPDATED FIX USE - REMOVED RNAV (GPS) RWY 13
REMOVED IAP FROM REQUIRED CHARTING
CHANGED PDN NDB FAC 2 MAG BRG/TRUE BRG FROM 314/298 TO 297.93/313.93 AND ADDED DIST FROM FAC 34.20 IN FIX MAKE-UP FACILITIES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: ANDRE TUCKER

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

DISTRIBUTION:

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

Digitally signed by

ALLAN WILL

Feb 18, 2025

QUALITY
13
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RADIO FIX AND HOLDING DATA RECORD

NAME: ELFEE NDB STATE: AK COUNTRY: US ICAO REGION CODE: PA
 LATITUDE/LONGITUDE: 551746.14N/1624721.27W TYPE:
 AIRSPACE DOCKET: 22-AAL-26 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	ELFEE	ELF	NDB	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	NW	ELF	NDB	328.35	148.35	L	1		2200	17500	4	16
2	NW		WP	328.35	148.35	L		4	2200	17500	5	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	551642.00N/1624536.00W	355	4E
1	310	AAO	551642.00N/1624536.00W	355	4E
2	200	AAO	551642.00N/1624536.00W	355	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST WILDLIFE AREA.
 PAT 2 ATC REQUEST WILDLIFE AREA.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	PACD	COLD BAY	AK (US)
1	ILS OR LOC RWY 15	PACD	COLD BAY	AK (US)
1	LOC BC RWY 33	PACD	COLD BAY	AK (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FACILITY MAGVAR: E10/2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHUNA			PACD	COLD BAY	AK (US)
DP	TAKEOFF MINIMUMS		1	PACD	COLD BAY	AK (US)
EN ROUTE	G1					(US)
EN ROUTE	G10					(US)
EN ROUTE	G12					(US)
EN ROUTE	G8					(US)
EN ROUTE	J603					(US)
EN ROUTE	J618					(US)
EN ROUTE	R2					(US)
EN ROUTE	V603					(US)
IAP	HI-ILS OR LOC RWY 15			PACD	COLD BAY	AK (US)
IAP	HI-VOR OR TACAN RWY 15			PACD	COLD BAY	AK (US)
IAP	ILS OR LOC RWY 15		1	PACD	COLD BAY	AK (US)
IAP	LOC BC RWY 33		1	PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 15			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 33			PACD	COLD BAY	AK (US)
IAP	VOR RWY 15			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS)-A		2	PAVC	KING COVE	AK (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

1. AIRSPACE DOCKET: ADDED "22-AAL-26".

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: MICHAEL GARRITY
 APPROVED BY: DATE: 07/03/2025 OFFICE: AJV-A423 NAME: ALLAN WILL



SIGNATURE:*Digitally signed by****ALLAN WILL***

Feb 18, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KACHEMAK NDB

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 593828.80N/1513000.99W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	KACHEMAK	ACE	NDB	H							17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	G8-R99 G10	1				

REQUIRED CHARTING: AREA, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. CHARTING REMOVED IAP.
2. FIX USE REMOVED PAHO LOC RWY 04.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: CHARLES HIRST

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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ALLAN WILL

Feb 18, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NOSKY

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 593434.35N/1542436.93W

TYPE: INT, DME

AIRSPACE DOCKET: 22-AAL-26

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	ILIAMNA	ILI	NDB/DME	H	110.01	124.01	18.38	18.38		6100	17500
2	KING SALMON	AKN	VORTAC	H	037.71	053.71	88.68	88.65		11000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
AKN	VORTAC	R-038	89	11000	14600

FIX RESTRICTIONS:

MCA V456 15000 NORTHEAST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ILIAMNA (FAC 1) AND KING SALMON (FAC 2) USED TO ESTABLISH FIX COORDINATES.
R99 REMOVED BY AIRSPACE DOCKET 22-AAL-40.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V456	1, 2				

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

- AIRSPACE DOCKET: ADDED "22-AAL-26".
- FIX MAKE-UP FACILITIES: REMOVED FAC 1 AUB NDB, FAC 2 ACE NDB, AND ALL RELATED INFORMATION. CHANGED FAC 4 AKN VORTAC DME FROM "88.65" TO "88.68".
- REMARKS: CHANGED "KACHEMAK (FAC 2) AND ILIAMNA (FAC 3) USED TO ESTABLISH FIX COORDINATES" TO "ILIAMNA (FAC 1) AND KING SALMON (FAC 2) USED TO ESTABLISH FIX COORDINATES". ADDED "R99 REMOVED BY AIRSPACE DOCKET 22-AAL-40".
- FIX USE: REMOVED G8 EN ROUTE AND R99 EN ROUTE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Feb 18, 2025

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			PACD	COLD BAY	AK (US)
IAP	RNAV (GPS) RWY 26			PACD	COLD BAY	AK (US)
IAP	NDB RWY 14	1, 2		PASD	SAND POINT	AK (US)
IAP	NDB RWY 32	1, 2		PASD	SAND POINT	AK (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

- EXPANDED SERVICE VOLUME (ESV): CHANGED HBT NDB BRG-288 MAX ALTITUDE FROM "45000" TO "17500".
- FIX USE: REMOVED G8 EN ROUTE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Feb 18, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WALUS

STATE: AK

COUNTRY: US

ICAO REGION CODE: PA

LATITUDE/LONGITUDE: 593722.50N/1524014.49W

TYPE: WP, INT, 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	FEET	MRA	MAA
1	KENAI	ENA	VOR/DME	H	198.23	217.23	74.31	74.31		7000	17500
2	KACHEMAK	ACE	NDB	H	251.73	268.73		35.67		6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ENA	VOR/DME	R-198	75	7000	14700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FIX DOES NOT MEET INTERSECTION MINIMUM DIVERGENCE CRITERIA. FAA HANDBOOK 8260.3B, PARA 1762, A (2) ALLOWS OVERWATER FIXES RELIEF FROM THIS CRITERIA PROVIDED ATC WILL USE THE FIX FOR REPORTING PURPOSES ONLY AND NOT FOR TRAFFIC SEPARATION. ZAN-530 HAS AGREED TO USE THE FIX FOR REPORTING ONLY.
WP COLLOCATED WITH INT/DME FIX

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V334	1, 2				(US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 ENA VOR/DME MRA FROM "6000" TO "7000". CHANGED FAC 2 ACE NDB MAG BRG FROM "244.73" TO "251.73".
2. EXPANDED SERVICE VOLUME (ESV): CHANGED ENA VOR/DME R-198 MIN ALTITUDE FROM "6000" TO "7000" AND MAX ALTITUDE FROM "17500" TO "14700".
3. FIX USE: REMOVED G8 EN ROUTE AND R99 EN ROUTE. ADDED "2" TO V334 FAC.
4. REQUIRED CHARTING: CHANGED "CONTROLLER" TO "CONTROLLER LOW".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Feb 18, 2025

QUALITY
13
CHECKED