

RADIO FIX AND HOLDING DATA RECORD

NAME: ANEWA

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413642.06N/0833620.86W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CARLETON	CRL	VOR/DME	VH	197.30	194.30	27.00	27.00		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J43	1				

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. REMARKS: REMOVED "CARLETON (FAC 1) USED TO ESTABLISH FIX COORDINATES."
2. CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER HIGH"
3. FIX MAKE-UP: UPDATED FAC 1 CRL VDME CLASS FROM "H" TO "VH".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Digitally signed by

SIGNATURE:

CASEY D HILL

Oct 21, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CARLETON VOR/DME

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420252.90N/0832727.26W

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	CARLETON	CRL	VOR/DME	VH						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	W	CRL	VOR/DME	260.00	080.00	R	1	2400 6000	4 5
2	S	CRL	VOR/DME	196.00	016.00	R	1	4000 6000	4 13
3	S	CRL	VOR/DME	180.00	360.00	R	1	4000 6000	4 13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-003174)	420358.25N/0832337.21W	1017	1B
2	200	TOWER (26-003174)	420358.25N/0832337.21W	1017	1B
2	310	STACK (26-000438)	415327.00N/0832043.00W	1386	5D
3	200	TOWER (26-003174)	420358.25N/0832337.21W	1017	1B
3	310	STACK (26-000438)	415327.00N/0832043.00W	1386	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS PRM RWY 22L (CP)	KDTW	DETROIT	MI (US)
2	ILS RWY 27L (SA CAT I & II)	KDTW	DETROIT	MI (US)
2	ILS RWY 22L (SA CAT I)	KDTW	DETROIT	MI (US)
3	ILS RWY 21L (SA CAT I & II)	KDTW	DETROIT	MI (US)

REMARKS:

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 3W 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J190					(US)
EN ROUTE	J34					(US)
EN ROUTE	J43					(US)
EN ROUTE	J554					(US)
EN ROUTE	J584					(US)
IAP	VOR RWY 6			KARB	ANN ARBOR	MI (US)
IAP	ILS OR LOC RWY 21L			KDTW	DETROIT	MI (US)
IAP	ILS OR LOC RWY 22L			KDTW	DETROIT	MI (US)
IAP	ILS OR LOC RWY 27L			KDTW	DETROIT	MI (US)
IAP	ILS PRM RWY 22L (CP)		2	KDTW	DETROIT	MI (US)
IAP	ILS RWY 21L (SA CAT I & II)		3	KDTW	DETROIT	MI (US)
IAP	ILS RWY 22L (SA CAT I)		2	KDTW	DETROIT	MI (US)
IAP	ILS RWY 27L (SA CAT I & II)		2	KDTW	DETROIT	MI (US)
IAP	ILS OR LOC RWY 23			KYIP	DETROIT	MI (US)
IAP	ILS OR LOC RWY 5			KYIP	DETROIT	MI (US)
IAP	VOR-A		1	KONZ	DETROIT/GROSSE ILE	MI (US)
IAP	VOR-A	1	1	KONZ	DETROIT/GROSSE ILE	MI (US)
IAP	HI-ILS Y OR LOC Y RWY 25			KTOL	TOLEDO	OH (US)
IAP	HI-ILS Y OR LOC Y RWY 7			KTOL	TOLEDO	OH (US)
IAP	HI-TACAN RWY 25			KTOL	TOLEDO	OH (US)
IAP	HI-TACAN RWY 7			KTOL	TOLEDO	OH (US)
IAP	RNAV (GPS) RWY 25			KTOL	TOLEDO	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. FIX USE: REMOVED "ILS PRM RWY 22L"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

QUALITY
13
CHECKED

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: CASEY HILL

*Digitally signed by***CASEY D HILL**

Oct 21, 2025

SIGNATURE:

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JECKA

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411138.15N/0834444.75W

TYPE: 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	FAC FEET	MRA	MAA
1	ROSEWOOD	ROD	VORTAC	H	018.92	013.92	56.00	56.00		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J43	1				

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

- REMARKS: REMOVED "ROSEWOOD (FAC 1) USED TO ESTABLISH FIX COORDINATES."
- CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER HIGH".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Digitally signed by

SIGNATURE:

CASEY D HILL

Oct 21, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MAYZE

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412618.68N/0833950.66W

TYPE: INT, 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 NM	FAC FEET	MRA	MAA
1	DRYER	DJB	VOR/DME	VH	279.57	274.57	68.00	68.00		18000	45000
2	CARLETON	CRL	VOR/DME	VH	197.31	194.31	37.71	37.71		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DRYER (FAC 1) AND CARLETON (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J43	1, 2				

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. DOCKET: REMOVED "24-AGL-10"
2. FIX MAKE-UP: UPDATED FAC 2 CRL VDME MAG/TRUE BRG FROM "197.30/194.30" TO "197.31/194.31"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Digitally signed by

CASEY D HILL

Oct 21, 2025

SIGNATURE:

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NELLIS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415605.72N/0832946.32W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CARLETON	CRL	VOR/DME	VH	197.31	194.31	7.00	7.00		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J43	1				

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

- REMARKS: REMOVED "CARLETON (FAC 1) USED TO ESTABLISH FIX COORDINATES."
- CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER LOW".
- FIX MAKE-UP: UPDATED FAC 1 CRL VDME CLASS FROM "H" TO "VH" AND MAG/TRUE BRG FROM "197.30/194.30" TO "197.31/194.31"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Digitally signed by

SIGNATURE:

CASEY D HILL

Oct 21, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROSEWOOD VORTAC STATE: OH COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401716.08N/0840235.15W 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	ROSEWOOD	ROD	VORTAC	H						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	NE	ROD	VORTAC	063.00	243.00	R	1	2800 6000	4 5
2	NE	ROD	VORTAC	064.96	244.96	R	1	3000 6000	4 5
3	W	ROD	VORTAC	248.49	068.49	R	1	3000 6000	4 5
4	SW		WP	244.00	064.00	R		3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D
2	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D
3	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D
4	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
ASSIGNED FACILITY MAGVAR: 5W/1995.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GATEWAY			KALN	ALTON/ST LOUIS	IL (US)
DP	GATEWAY			KBLV	BELLEVILLE	IL (US)
DP	GATEWAY			KCP5	CAHOKIA/ST LOUIS	IL (US)
DP	MAREO			KEYE	INDIANAPOLIS	IN (US)
DP	MAREO			KHFY	INDIANAPOLIS	IN (US)
DP	MAREO			KIND	INDIANAPOLIS	IN (US)
DP	MAREO			KMQJ	INDIANAPOLIS	IN (US)
DP	MAREO			KTYQ	INDIANAPOLIS	IN (US)
DP	MAREO			KUMP	INDIANAPOLIS	IN (US)
DP	MAREO			KGEZ	SHELBYVILLE	IN (US)
DP	CINCINNATI			KCVG	COVINGTON	KY (US)
DP	GATEWAY			KSTL	ST LOUIS	MO (US)
DP	GATEWAY			KSUS	ST LOUIS	MO (US)
DP	DAYTON			KDAY	DAYTON	OH (US)
EN ROUTE	J149					(US)
EN ROUTE	J152					(US)
EN ROUTE	J43					(US)
EN ROUTE	V210					(US)
EN ROUTE	V277					(US)
EN ROUTE	V47					(US)
IAP	ILS OR LOC RWY 5			KFWA	FORT WAYNE	IN (US)
IAP	ILS RWY 5 (CAT II)			KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 25		4	KEDJ	BELLEFONTAINE	OH (US)
IAP	RNAV (GPS) RWY 7		4	KEDJ	BELLEFONTAINE	OH (US)
IAP	VOR RWY 25	1	3	KEDJ	BELLEFONTAINE	OH (US)
IAP	VOR RWY 7		3	KEDJ	BELLEFONTAINE	OH (US)
IAP	RNAV (GPS)-A			3I7	DAYTON	OH (US)
IAP	ILS OR LOC RWY 18			KDAY	DAYTON	OH (US)
IAP	ILS OR LOC RWY 24L			KDAY	DAYTON	OH (US)
IAP	ILS OR LOC RWY 24R			KDAY	DAYTON	OH (US)
IAP	ILS OR LOC RWY 6L	1	1	KDAY	DAYTON	OH (US)
IAP	ILS RWY 6L (CAT II & III)		1	KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 18			KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 24L			KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) Z RWY 24R			KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 36			KFDY	FINDLAY	OH (US)
IAP	RNAV (GPS) RWY 4			I95	KENTON	OH (US)
IAP	ILS OR LOC RWY 28			KAOH	LIMA	OH (US)
IAP	RNAV (GPS) RWY 26			I17	PIQUA	OH (US)
IAP	VOR RWY 26	1	1	I17	PIQUA	OH (US)
IAP	RNAV (GPS) RWY 10			KSCA	SIDNEY	OH (US)
IAP	RNAV (GPS) RWY 28			KSCA	SIDNEY	OH (US)
IAP	VOR-A		2	KSCA	SIDNEY	OH (US)
IAP	HI-ILS Y OR LOC Y RWY 25			KTOL	TOLEDO	OH (US)
IAP	HI-ILS Y OR LOC Y RWY 7			KTOL	TOLEDO	OH (US)
IAP	HI-TACAN RWY 25			KTOL	TOLEDO	OH (US)
IAP	HI-TACAN RWY 7			KTOL	TOLEDO	OH (US)
IAP	RNAV (GPS) RWY 20			I74	URBANA	OH (US)

QUALITY
13
CHECKED

IAP	RNAV (GPS) RWY 27	KVES	VERSAILLES	OH (US)
IAP	VOR-A	KAXV	WAPAKONETA	OH (US)
IAP	NDB RWY 23	I23	WASHINGTON COURT HOUSE	OH (US)
STAR	WATSN (RNAV)	KORD	CHICAGO	IL (US)
STAR	CLANG	KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG	KIND	INDIANAPOLIS	IN (US)
STAR	CLANG	KMQJ	INDIANAPOLIS	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 43

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. FIX USE: REMOVED "IAP ILS OR LOC RWY 29" AT KHAO; ADDED "IAP NDB RWY 23" AT I23.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: CASEY HILL

Digitally signed by

CASEY D HILL

SIGNATURE:

Oct 21, 2025

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