

RADIO FIX AND HOLDING DATA RECORD

NAME: CFCKB

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 445832.77N/0874606.05W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
ILS OR LOC RWY 3

FAC

PAT

AIRPORT IDENT
KMNM

CITY
MENOMINEE

STATE
MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/19/2018

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/13/2018

OFFICE: AJV-5400

NAME: LONNIE EVERHART (KELLIE BARNES)

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE: *Digitally signed by*

RAKE MCGRAW

Apr 03, 2024

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: GREEN BAY APP CON

OTHER:

QUALITY
34
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FABOM

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 450315.20N/0874209.48W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	MENOMINEE	I-TNQ	LOC/DME		213.90	210.90	5.98	5.97	36307	2100	5100

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 3	1		KMNM	MENOMINEE	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

3/28/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/28/24.
1. STATE CHANGED FROM "MI" TO "WI."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BRITNEY ARMENTROUT

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE: *Digitally signed by*
RAKE MCGRAW
Apr 03, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: GREEN BAY VORTAC STATE: WI COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 443318.58N/0881141.49W TYPE:

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	GREEN BAY	GRB	VORTAC	VH						800	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	NW	GRB	VORTAC	325.00	145.00	L	1		2500	6000	4	5
2	S	GRB	VORTAC	200.00	020.00	R	1		2900	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-000465)	443837.60N/0880811.50W	1257	4D
2	200	AAO	443345.00N/0881639.00W	1040	5E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FACILITY MAGVAR E1/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WLSTN			KANE	MINNEAPOLIS	MN (US)
DP	WLSTN			KFCM	MINNEAPOLIS	MN (US)
DP	MEADOW LAKE			KMSP	MINNEAPOLIS	MN (US)
DP	MINNEAPOLIS			KMSP	MINNEAPOLIS	MN (US)
DP	WLSTN			KMSP	MINNEAPOLIS	MN (US)
DP	WLSTN			KSTP	ST PAUL	MN (US)
EN ROUTE	J101					(US)
EN ROUTE	V217					(US)
EN ROUTE	V341					(US)
EN ROUTE	V420					(US)
EN ROUTE	V9					(US)
IAP	ILS OR LOC RWY 3			KMNM	MENOMINEE	MI (US)
IAP	ILS OR LOC RWY 3		1	KATW	APPLETON	WI (US)
IAP	ILS OR LOC RWY 30		2	KATW	APPLETON	WI (US)
IAP	RNAV (GPS) RWY 12			KATW	APPLETON	WI (US)
IAP	RNAV (GPS) RWY 30			KATW	APPLETON	WI (US)
IAP	RNAV (GPS) RWY 22			KCLI	CLINTONVILLE	WI (US)
IAP	RNAV (GPS) RWY 32			KCLI	CLINTONVILLE	WI (US)
IAP	ILS OR LOC RWY 36		1	KGRB	GREEN BAY	WI (US)
IAP	ILS OR LOC RWY 6		1	KGRB	GREEN BAY	WI (US)
IAP	LOC BC RWY 24		1	KGRB	GREEN BAY	WI (US)
IAP	RNAV (GPS) RWY 36			KGRB	GREEN BAY	WI (US)
IAP	RNAV (GPS) RWY 6			KGRB	GREEN BAY	WI (US)
IAP	VOR-A		1	KGRB	GREEN BAY	WI (US)
IAP	ILS OR LOC RWY 17			KMTW	MANITOWOC	WI (US)
IAP	RNAV (GPS) RWY 17			KMTW	MANITOWOC	WI (US)
IAP	ILS OR LOC RWY 36			KOSH	OSHKOSH	WI (US)
IAP	LOC/DME BC RWY 18			KOSH	OSHKOSH	WI (US)
IAP	VOR RWY 18			KOSH	OSHKOSH	WI (US)
IAP	VOR RWY 27			KOSH	OSHKOSH	WI (US)
IAP	VOR RWY 36			KOSH	OSHKOSH	WI (US)
IAP	VOR RWY 9			KOSH	OSHKOSH	WI (US)
IAP	ILS OR LOC RWY 22			KSBM	SHEBOYGAN	WI (US)
STAR	EAU CLAIRE			KMSP	MINNEAPOLIS	MN (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: 29

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:



1. FIX MAKE UP FACILITY: GRB VORTAC CLASS CHANGED FROM H TO VH.
2. V26 REMOVED FROM FIX USE - V26 CANCELLED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BRITNEY ARMENTROUT

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE: *Digitally signed by*
RAKE MCGRAW

Apr 03, 2024

QUALITY
34
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ILHUP

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 445439.97N/0874922.30W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	MENOMINEE	I-TNQ	LOC/DME		213.90	210.90	15.98	15.97	2200	5100

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	I-TNQ	LOC/DME	213.89	033.89	R		5	2300	5100	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-001947)	444958.69N/0875506.99W	878	1A

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 3	1	1	KMNM	MENOMINEE	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

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NAME: BRITNEY ARMENTROUT

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE: *Digitally signed by*

RAKE MCGRAW

Apr 03, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: TRIBE LOM STATE: WI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 450341.75N/0874145.69W TYPE: WP

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	TRIBE	TN	LOM							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	SW	TN	LOM	213.89	033.89	R	1	2200 5000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-000470)	450347.94N/0873928.01W	1080	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE TRIBE LOM. ACTUAL FACILITY LOCATION IS 450341.01N/0874146.90W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 3		1	KMNM	MENOMINEE	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

ADDED WP TO FIX TYPE FOR CODING
ADDED HOLDING PATTERN NUMBER 1 (SAME SIDE AS PT) - PRIMARY MISSED APPROACH CLEARANCE LIMIT.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO THE REMARKS.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 03/13/2018	OFFICE: AJV-5400	NAME: LONNIE EVERHART (KELLIE BARNES)
APPROVED BY:	DATE: 05/16/2024	OFFICE: AJV-A33	NAME: JOHN BORDY

SIGNATURE: *Digitally signed by*
RAKE MCGRAW

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: GREEN BAY APP CON
OTHER: Apr 03, 2024

