

RADIO FIX AND HOLDING DATA RECORD

NAME: BADGER VOR/DME **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 430700.67N/0881703.64W **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	BADGER	BAE	VOR/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 LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	BAE	VOR/DME	270.00	090.00	R	1	2800 17500	4 16
2	NW	BAE	VOR/DME	333.00	153.00	R	1	2800 17500	4 16
3	NE	BAE	VOR/DME	066.74	246.74	R	1	2700 8000	4 6
4	W	WP	WP	270.00	090.00	R	4	2800 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	430157.00N/0882336.00W	1418	4E
2	200	AAO	431439.00N/0881939.00W	1513	4E
3	200	TOWER (55-000551)	430922.00N/0880907.00W	1349	5D
4	200	TOWER (55-001851)	430141.53N/0882332.34W	1630	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAG VAR: E02/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CICERO			KMDW	CHICAGO	IL (US)
DP	MIDWAY			KMDW	CHICAGO	IL (US)
DP	O'HARE			KORD	CHICAGO	IL (US)
DP	PAL-WAUKEE			KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)
DP	MITCHELL			KMKE	MILWAUKEE	WI (US)
EN ROUTE	J101					(US)
EN ROUTE	J16					(US)
EN ROUTE	J34					(US)
EN ROUTE	J36					(US)
EN ROUTE	J538					(US)
EN ROUTE	J68					(US)
EN ROUTE	J70					(US)
EN ROUTE	J89					(US)
EN ROUTE	V170					(US)
EN ROUTE	V191					(US)
EN ROUTE	V217					(US)
EN ROUTE	V30					(US)
EN ROUTE	V63					(US)
IAP	VOR-A			KBUU	BURLINGTON	WI (US)
IAP	VOR/DME-A			57C	EAST TROY	WI (US)
IAP	LOC RWY 36			KFLD	FOND DU LAC	WI (US)
IAP	VOR-A		3	61C	FORT ATKINSON	WI (US)
IAP	RNAV (GPS) RWY 20			KUNU	JUNEAU	WI (US)
IAP	RNAV (GPS) RWY 23			C02	LAKE GENEVA	WI (US)
IAP	ILS OR LOC RWY 18			KMSN	MADISON	WI (US)
IAP	ILS OR LOC/DME RWY 36			KMSN	MADISON	WI (US)
IAP	ILS RWY 18 (SA CAT I-II)			KMSN	MADISON	WI (US)
IAP	ILS RWY 36 (CAT II-III)			KMSN	MADISON	WI (US)
IAP	ILS RWY 36 (SA CAT I)			KMSN	MADISON	WI (US)
IAP	ILS OR LOC RWY 19R		1	KMKE	MILWAUKEE	WI (US)
IAP	ILS OR LOC RWY 1L		1	KMKE	MILWAUKEE	WI (US)
IAP	ILS OR LOC RWY 7R		1	KMKE	MILWAUKEE	WI (US)
IAP	ILS RWY 1L (CAT II-III)		1	KMKE	MILWAUKEE	WI (US)
IAP	LOC RWY 25L		1	KMKE	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 13			KMKE	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 19L		4	KMKE	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 19R		4	KMKE	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 1L		4	KMKE	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 1R			KMKE	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 7L			KMKE	MILWAUKEE	WI (US)
IAP	RNAV (GPS) Z RWY 25L		4	KMKE	MILWAUKEE	WI (US)
IAP	RNAV (GPS) Z RWY 7R		4	KMKE	MILWAUKEE	WI (US)
IAP	LOC RWY 15L		1	KMWC	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 4L			KMWC	MILWAUKEE	WI (US)

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IAP	ILS OR LOC RWY 4		KRAC	RACINE	WI (US)
IAP	NDB RWY 23		KRYV	WATERTOWN	WI (US)
IAP	NDB RWY 5		KRYV	WATERTOWN	WI (US)
IAP	RNAV (GPS) RWY 23		KRYV	WATERTOWN	WI (US)
IAP	RNAV (GPS) RWY 29		KRYV	WATERTOWN	WI (US)
IAP	ILS OR LOC RWY 10	1	KUES	WAUKESHA	WI (US)
IAP	VOR -A	2	KUES	WAUKESHA	WI (US)
IAP	RNAV (GPS) RWY 13		KETB	WEST BEND	WI (US)
IAP	RNAV (GPS) RWY 31		KETB	WEST BEND	WI (US)
IAP	RNAV (GPS) RWY 6		KETB	WEST BEND	WI (US)
IAP	VOR RWY 13		KETB	WEST BEND	WI (US)
STAR	AGUDE		KCFE	BUFFALO	MN (US)
STAR	AGUDE		KFBL	FARIBAULT	MN (US)
STAR	AGUDE		KGYL	GLENCOE	MN (US)
STAR	AGUDE		KMGG	MAPLE LAKE	MN (US)
STAR	AGUDE		KANE	MINNEAPOLIS	MN (US)
STAR	AGUDE		KFCM	MINNEAPOLIS	MN (US)
STAR	AGUDE		KLVN	MINNEAPOLIS	MN (US)
STAR	AGUDE		KMIC	MINNEAPOLIS	MN (US)
STAR	EAU CLAIRE		KMSP	MINNEAPOLIS	MN (US)
STAR	AGUDE		KSGS	SOUTH ST PAUL	MN (US)
STAR	AGUDE		21D	ST PAUL	MN (US)
STAR	AGUDE		KSTP	ST PAUL	MN (US)
STAR	AGUDE		KRNH	NEW RICHMOND	WI (US)
STAR	AGUDE		KOEO	OSCEOLA	WI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 37

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

REMOVED KUNU NDB RWY 20 AND LOC RWY 26 FROM FIX USE.

REMOVED KUES RNAV (GPS) RWY 28 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: FRANK MOORE

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

DAVID TEFFETELLER

May 24, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BURNN

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 432734.35N/0884047.51W

TYPE: 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 FEET	MRA	MAA
1	JUNEAU	UNU	NDB	MH	029.00	028.00			1440	17500
2	BADGER	BAE	VORTAC	H	318.00	320.00	26.89		1440	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	DODGE COUNTY - NDB RWY 20.			KUNU	JUNEAU	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/10/2007

REASON FOR REVISION:

FACILITY 1 RAD/CRS/BRG CHANGED FROM 033.00 (032.00) TO 029.00 (028.00) AND MRA RAISED FROM 13 TO 14.4.
FACILITY 2 RAD/CRS/BRG CHANGED FROM 318.37 (320.37) TO 318.00 (320.00) AND MRA RAISED FROM 13 TO 14.4.
LEAST DIVERGENCE ANGLE CHANGED FROM 70 TO 68.
AIR/GRND COMM CHANGED FROM MSN TOWER TO MSN APP CON AND ALTITUDE CHANGED FROM 2000 TO 1540.
MOVED FIX DUE TO RELOCATION OF NDB, FIX COORDINATES UPDATED, FIX MOVED 1249 FEET WEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/18/2006

OFFICE: AVN-120

NAME:

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
DAVID TEFFETELLER

DISTRIBUTION:

NFDC
FPO: FTW
ARTCC: ZAU
ATC FACILITY: MSN APP CON
OTHER:
May 24, 2022

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JUNEAU NDB **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 432544.42N/0884207.81W **TYPE:**

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	JUNEAU	UNU	NDB	MH						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	NE	UNU	NDB	029.00	209.00	R	1		2700	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	200' AAO	432809.00N/0883356.00W	1319	2C
1	310	TOWER (50-0954)	433818.00N/0883149.00W	1424	5D

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	NDB RWY 20	KUNU	JUNEAU	WI (US)

REMARKS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 20		1	KUNU	JUNEAU	WI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 08/13/2020

REASON FOR REVISION:

REMOVED KUNU NDB RWY 2 FROM FIX USE, REMOVED ASSOCIATED HOLDING INFO (FORMERLY PAT 1).
FACILITY COORDINATES CHANGED FROM 432544.37N/0884207.79W TO 432544.42N/0884207.81W.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** PHILLIP BRANDENBURG

APPROVED BY: **DATE:** 11/03/2022 **OFFICE:** AJV-A430 **NAME:** CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

DAVID TEFFETELLER

DISTRIBUTION:

NFDC
FPO: FTW
ARTCC: ZAU
ATC FACILITY: MSN APP CON
OTHER:
May 24, 2022

QUALITY
14
CHECKED