

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BECKY **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 443311.51N/0883549.90W **TYPE:** WP, 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 FAC NM	FAC FEET	MRA	MAA
1	GREEN BAY	GRB	VORTAC	H	268.75	269.75	17.26	17.26		3000	17500
2	OSHKOSH	OSH	VORTAC	L	355.00	357.00		33.81		3000	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	S	OSH	VORTAC	355.00	355.00	R	1		3000	17500	6	15

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-000889)	443247.00N/0883257.00W	1303	5D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

GREEN BAY (FAC 1) AND OSHKOSH (FAC 2) USED TO ESTABLISH FIX COORDINATES  
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V55	1, 2				(US)
IAP	ILS OR LOC RWY 3 (ALTERNATE MISSED)	1, 2	1	KATW	APPLETON	WI (US)
IAP	RNAV (GPS) RWY 24			KGRB	GREEN BAY	WI (US)
IAP	RNAV (GPS) RWY 28			KPCZ	WAUPACA	WI (US)

**REQUIRED CHARTING:** IAP, CONTROLLER, EN ROUTE LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7 **DATE OF REVISION:** 04/27/2017

**REASON FOR REVISION:**

ADDED REMARK "GREEN BAY (FAC 1) AND OSHKOSH (FAC 2) USED TO ESTABLISH FIX COORDINATES".

**DEVELOPED BY:** **DATE:** 12/27/2016 **OFFICE:** AJV-5433 **NAME:** BEV L BORDY (CHRISTINE BAYSE)

**APPROVED BY:** **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN

**SIGNATURE:**

**DISTRIBUTION:**

NFDC  
FPO: CEN  
ARTCC: ZMP, ZAU  
ATC FACILITY: GRB APP CON/ATW ATCT  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BIPID

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 443304.33N/0885126.97W

TYPE: WP, 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	OSHKOSH	OSH	VORTAC	L	336.98	338.98	36.07	36.07		4500	17500
2	GREEN BAY	GRB	VORTAC	H	268.75	269.75	28.43	28.43		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (55-000069)	444257.00N/0890649.80W	1540	4D

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

## REMARKS:

OSHKOSH (FAC 1) AND GREEN BAY (FAC 2) USED TO ESTABLISH FIX COORDINATES  
PRECIPITOUS TERRAIN EVALUATED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V191, V55	1, 2				(US)
IAP	RNAV (GPS) RWY 14			KCLI	CLINTONVILLE	WI (US)
IAP	RNAV (GPS) RWY 4			KCLI	CLINTONVILLE	WI (US)
IAP	RNAV (GPS) RWY 6			KGRB	GREEN BAY	WI (US)
IAP	RNAV (GPS) RWY 28			KPCZ	WAUPACA	WI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

ADDED REMARK "OSHKOSH (FAC 1) AND GREEN BAY (FAC 2) USED TO ESTABLISH FIX COORDINATES".

DEVELOPED BY:

DATE: 12/27/2016

OFFICE: AJV-5433

NAME: BEV L BORDY (CHRISTINE BAYSE)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: GRB APP CON  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BRUNR

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 442046.84N/0892036.83W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	274.22	094.22	R	4	2800	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	441846.38N/0892205.59W	1530	2C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10		1	KPCZ	WAUPACA	WI (US)
IAP	RNAV (GPS) RWY 28		1	KPCZ	WAUPACA	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

UPDATED HOLDING PAT 1 CONTROLLING OBSTACLE LAT/LONGS FROM 441850.00N/0892205.80W TO 441846.38N/0892205.59W AND ACCURACY CODE FROM 6C TO 2C.

DEVELOPED BY:

DATE: 10/11/2016

OFFICE: AJV-5433

NAME: BEV L BORDY (CHRISTINE BAYSE)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FNDRY

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 441935.70N/0885241.07W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 28

FAC

PAT

AIRPORT IDENT  
KPCZ

CITY  
WAUPACA

STATE  
WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

UPDATED LAT/LONG TO IPDS DERIVED PFAF LOCATION.

FIX MOVED 5.12 FEET NORTH.

REMOVED REMARK "RNP CRITERIA APPLIED IAW 8260.54A FORMULA 2-16B".

DEVELOPED BY:

DATE: 09/30/2016

OFFICE: AJV-5433

NAME: BEV L BORDY (CHRISTINE BAYSE)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: OSHKOSH VORTAC STATE: WI COUNTRY: US ICAO REGION CODE: K5  
 LATITUDE/LONGITUDE: 435925.56N/0883321.36W 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	MRA FEET	MAA
1	OSHKOSH	OSH	VORTAC	L						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	S	OSH	VORTAC	182.00	002.00	R	1-1 1/2	3000 17500	4 16

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (55-000251)	435702.00N/0883835.00W	1238	4D
1	200	AAO	435627.00N/0883606.00W	1129	4E

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED MAGVAR: E2/1965, REQUIRES UPDATE TO CURRENT W4/2020.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MITCHELL			KMKE	MILWAUKEE	WI (US)
EN ROUTE	V191					(US)
EN ROUTE	V341					(US)
EN ROUTE	V510					(US)
EN ROUTE	V63					(US)
EN ROUTE	V9					(US)
IAP	ILS OR LOC RWY 3			KATW	APPLETON	WI (US)
IAP	ILS OR LOC RWY 30			KATW	APPLETON	WI (US)
IAP	RNAV (GPS) RWY 12			KATW	APPLETON	WI (US)
IAP	RNAV (GPS) RWY 3			KATW	APPLETON	WI (US)
IAP	RNAV (GPS) RWY 30			KATW	APPLETON	WI (US)
IAP	VOR-A			KDLL	BARABOO	WI (US)
IAP	LOC RWY 36		1	KFLD	FOND DU LAC	WI (US)
IAP	VOR RWY 18			KFLD	FOND DU LAC	WI (US)
IAP	VOR/DME RWY 36			KFLD	FOND DU LAC	WI (US)
IAP	ILS OR LOC RWY 36			KGRB	GREEN BAY	WI (US)
IAP	ILS OR LOC RWY 6			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	RNAV (GPS) RWY 20			KUNU	JUNEAU	WI (US)
IAP	ILS OR LOC RWY 17			KMTW	MANITOWOC	WI (US)
IAP	VOR/DME RWY 35			KMTW	MANITOWOC	WI (US)
IAP	VOR/DME-A			K8D1	NEW HOLSTEIN	WI (US)
IAP	ILS OR LOC RWY 36			KOSH	OSHKOSH	WI (US)
IAP	LOC/DME BC RWY 18			KOSH	OSHKOSH	WI (US)
IAP	NDB RWY 36			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/DME RWY 22			KSBM	SHEBOYGAN	WI (US)
IAP	ILS OR LOC RWY 10			KUES	WAUKESHA	WI (US)
IAP	RNAV (GPS) RWY 28			KPCZ	WAUPACA	WI (US)
IAP	VOR RWY 13			KETB	WEST BEND	WI (US)
IAP	VOR RWY 24			KETB	WEST BEND	WI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

REMOVED KPCZ NDB RWY 31 FROM FIX USE.  
 UPDATED KFLD IN FIX USE FROM VOR/DME RWY 18 TO VOR RWY 18.  
 CHANGED REMARK FROM "FACILITY MAGVAR: E2/1965, W4/2020" TO "ASSIGNED MAGVAR: E2/1965, REQUIRES UPDATE TO CURRENT W4/2020".

QUALITY  
10  
CHECKED

**DEVELOPED BY:**      **DATE:** 09/27/2016      **OFFICE:** AJV-5433      **NAME:** BEV L BORDY (CHRISTINE BAYSE)  
**APPROVED BY:**      **DATE:**      **OFFICE:** AJV-5430      **NAME:** LONNIE EVERHART  
**SIGNATURE:**

**DISTRIBUTION:**    **NFDC**  
                         **FPO:** CEN  
                         **ARTCC:** ZAU  
                         **ATC FACILITY:** OSH ATCT  
                         **OTHER:** MSN APP CON, GRB APP CON

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WWEGA

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 441911.94N/0884356.68W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E		WP	094.66	274.66	R	4	2800	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-000067)	442222.70N/0884415.90W	1238	4D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10		1	KPCZ	WAUPACA	WI (US)
IAP	RNAV (GPS) RWY 28		1	KPCZ	WAUPACA	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

UPDATED HOLDING PAT 1 CRS INBOUND FROM 274.65 TO 274.66.

UPDATED HOLDING PAT 1 RAD/CRS/BRG FROM 094.65 TO 094.66.

DEVELOPED BY:

DATE: 10/03/2016

OFFICE: AJV-5433

NAME: BEV L BORDY (CHRISTINE BAYSE)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED