

# RADIO FIX AND HOLDING DATA RECORD

NAME: CUSAS

STATE: WI

COUNTRY: US

LATITUDE/LONGITUDE: 460058.14N/0891317.04W

TYPE: WP, 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   | RHINELANDER | RHI   | VORTAC | L     | 021.29  | 023.29   | 25.00 | 25.00        |          | 3500 | 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   |       | WP     | 201.29      | 021.29      | R             |                 | 5   | 3500                  | 6000 | 5             | 6   |
| 2   | S   | RHI   | VORTAC | 021.29      | 021.29      | R             | 1               |     | 3500                  | 6000 | 5             | 6   |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION     | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-----------------|------------------------|-----------|---------------|
| 1   | 200      | TOWER (50-1208) | 455244.00N/0891148.00W | 2070      | 5D            |
| 2   | 200      | TOWER (50-1208) | 455244.00N/0891148.00W | 2070      | 5D            |

**REMARKS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**FIX USE:**

| USE TYPE | USE TITLE        | FAC | PAT | AIRPORT IDENT | CITY        | STATE   |
|----------|------------------|-----|-----|---------------|-------------|---------|
| EN ROUTE | V63              | 1   |     |               |             | (US)    |
| IAP      | LOC/DME RWY 4    |     | 2   | KEGV          | EAGLE RIVER | WI (US) |
| IAP      | RNAV (GPS) RWY 4 |     | 1   | KEGV          | EAGLE RIVER | WI (US) |

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/26/2016

**REASON FOR REVISION:**

ADDED DIST FROM FAC FOR FAC 1.  
UPDATE FIX USE.  
REMOVED FTW FROM FPO, AND ADDED CEN.

DEVELOPED BY:

DATE: 07/15/2015

OFFICE: AJV-5421

NAME: ADRIAN BLAND

APPROVED BY:

DATE:

OFFICE: AJV-5421

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ENETE

STATE: WI

COUNTRY: US

LATITUDE/LONGITUDE: 450202.73N/0893322.50W

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 17

FAC

PAT

AIRPORT IDENT  
KCWA

CITY  
MOSINEE

STATE  
WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

REMOVED DME FROM FIX TYPE.

REMOVED WAUSAU (AUW) VTAC AS FIX MAKE-UP FACILITY.

UPDATED FIX USE.

DELETED CONTROLLER, EN ROUTE LOW FROM REQUIRED CHARTING.

CHANGED FPO FROM CHI TO CEN.

DEVELOPED BY:

DATE: 09/08/2015

OFFICE: AJV-5421

NAME: ADRIAN BLAND

APPROVED BY:

DATE:

OFFICE: AJV-5421

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: CWA ATCT

OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: HOUGHTON VOR/DME

STATE: MI

COUNTRY: US

LATITUDE/LONGITUDE: 471012.93N/0882907.42W

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<br>NM | FEET | MRA | MAA   |
|-----|----------|-------|---------|-------|---------|----------|-----|---------------------|------|-----|-------|
| 1   | HOUGHTON | CMX   | VOR/DME | L     |         |          |     |                     |      |     | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

| PAT | DIR | IDENT | TYPE    | RAD/CRS/BRG | CRS<br>INBOUND | TURN<br>(L OR R) | LEG LENGTH<br>TIME DME | HOLDING ALTITUDES<br>MIN MAX | TEMPLATES<br>MIN MAX |
|-----|-----|-------|---------|-------------|----------------|------------------|------------------------|------------------------------|----------------------|
| 1   | SE  | CMX   | VOR/DME | 140.00      | 320.00         | R                | 1                      | 2800 6000                    | 4 5                  |
| 2   | E   | CMX   | VOR/DME | 080.00      | 260.00         | R                | 1                      | 3100 6000                    | 4 5                  |
| 3   | NW  | CMX   | VOR/DME | 309.01      | 129.01         | R                | 1                      | 2700 6000                    | 4 5                  |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|---------|-------------------|------------------------|-----------|---------------|
| UPN | 200     | TOWER (26-002808) | 471555.88N/0882656.58W | 1771      | 5E            |
| 1   | 200     | TOWER (26-000254) | 470827.00N/0883227.00W | 1399      | 4D            |
| 2   | 200     | TOWER (26-000244) | 470806.00N/0883355.00W | 1535      | 5E            |
| 3   | 200     | TOWER (26-000244) | 470806.00N/0883355.00W | 1535      | 4D            |

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED BETWEEN 3100 AND 6000.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

| USE TYPE | USE TITLE         | FAC | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|-------------------|-----|-----|---------------|---------|---------|
| EN ROUTE | V133              |     |     |               |         | (US)    |
| EN ROUTE | V148              |     |     |               |         | (US)    |
| EN ROUTE | V341              |     |     |               |         | (US)    |
| EN ROUTE | V63               |     |     |               |         | (US)    |
| EN ROUTE | V9                |     |     |               |         | (US)    |
| IAP      | ILS OR LOC RWY 31 |     | 3   | KCMX          | HANCOCK | MI (US) |
| IAP      | LOC/DME BC RWY 13 |     | 1   | KCMX          | HANCOCK | MI (US) |
| IAP      | RNAV (GPS) RWY 13 |     |     | KCMX          | HANCOCK | MI (US) |
| IAP      | RNAV (GPS) RWY 25 |     |     | KCMX          | HANCOCK | MI (US) |
| IAP      | RNAV (GPS) RWY 31 |     |     | KCMX          | HANCOCK | MI (US) |
| IAP      | RNAV (GPS) RWY 7  |     |     | KCMX          | HANCOCK | MI (US) |
| IAP      | VOR RWY 25        |     | 2   | KCMX          | HANCOCK | MI (US) |

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 03/31/2016

## REASON FOR REVISION:

REMOVED KCMX - VOR RWY 13 FROM FIX USE.

DEVELOPED BY:

DATE: 01/11/2016

OFFICE: AJV-5421

NAME: JACOB POWERS (MEGAN CHAPMAN)

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JAYME

STATE: WI

COUNTRY: US

LATITUDE/LONGITUDE: 455052.11N/0891931.12W

TYPE: WP, 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 | FAC FEET | MRA  | MAA   |
|-----|-------------|-------|--------|-------|---------|----------|-------|------------------|----------|------|-------|
| 1   | RHINELANDER | RHI   | VORTAC | L     | 021.38  | 023.38   | 14.00 | 14.00            |          | 3500 | 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   | RHI   | VORTAC | 021.38      | 021.38      | R             |                 | 4   | 3500                  | 10000 | 4             | 9   |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION     | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-----------------|------------------------|-----------|---------------|
| 1   | 200      | TOWER (50-0675) | 454630.00N/0891455.00W | 2179      | 5D            |

## REMARKS:

HOLDING LIMITED TO ESTABLISHED PATTERN.  
JAYME WP COLLOCATED WITH JAYME DME FIX.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

| USE TYPE | USE TITLE         | FAC | PAT | AIRPORT IDENT | CITY         | STATE   |
|----------|-------------------|-----|-----|---------------|--------------|---------|
| EN ROUTE | V63               | 1   |     |               |              | (US)    |
| IAP      | VOR/DME RWY 4     |     |     | KEGV          | EAGLE RIVER  | WI (US) |
| IAP      | RNAV (GPS) RWY 14 |     |     | KLNL          | LAND O LAKES | WI (US) |
| IAP      | RNAV (GPS) RWY 32 |     |     | KLNL          | LAND OLAKES  | WI (US) |

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

REMOVED TOLOY FROM FIX MAKE-UP FACILITIES.  
ADDED DIST FROM FAC TO RHI VTAC IN FIX MAKE-UP FACILITIES.  
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO REMARKS.  
UPDATED FIX USE.  
REMOVED CHI FROM FPO, AND ADDED CEN.

DEVELOPED BY:

DATE: 09/08/2015

OFFICE: AJV-5421

NAME: ADRIAN BLAND

APPROVED BY:

DATE:

OFFICE: AJV-5421

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: RHINELANDER VORTAC

STATE: WI

COUNTRY: US

LATITUDE/LONGITUDE: 453801.59N/0892728.04W

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   | RHINELANDER | RHI   | 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   | W   | RHI   | VORTAC | 260.57      | 080.57      | R             | 1               |     | 3200                  | 6000 | 4             | 5   |
| 2   | NE  | RHI   | VORTAC | 054.00      | 234.00      | R             | 1               |     | 3200                  | 6000 | 4             | 5   |
| 3   | W   | RHI   | VORTAC | 281.00      | 101.00      | R             | 1               |     | 3900                  | 6000 | 4             | 5   |
| 4   | S   | RHI   | VORTAC | 201.38      | 021.38      | L             | 1               |     | 3500                  | 6000 | 4             | 5   |
| 5   | SW  | WP    | WP     | 205.29      | 025.29      | R             |                 | 4   | 3500                  | 6000 | 5             | 6   |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1   | 200      | TOWER (55-000040) | 453807.00N/0892243.00W | 1963      | 1C            |
| 2   | 200      | TOWER (55-000939) | 454336.00N/0892446.00W | 2026      | 3C            |
| 3   | 200      | TOWER (55-000040) | 453807.00N/0892243.00W | 1963      | 1C            |
| 4   | 200      | AAO               | 453157.00N/0892757.00W | 1969      | 4E            |
| 5   | 200      | AAO               | 453157.00N/0892757.00W | 1969      | 4E            |

## REASON FOR NONSTANDARD HOLDING:

PAT 4 AIR TRAFFIC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

| USE TYPE | USE TITLE          | FAC | PAT | AIRPORT IDENT | CITY              | STATE   |
|----------|--------------------|-----|-----|---------------|-------------------|---------|
| EN ROUTE | V191               |     |     |               |                   | (US)    |
| EN ROUTE | V217               |     |     |               |                   | (US)    |
| EN ROUTE | V493               |     |     |               |                   | (US)    |
| EN ROUTE | V63                |     |     |               |                   | (US)    |
| EN ROUTE | V78                |     |     |               |                   | (US)    |
| IAP      | LOC/DME RWY 4      |     |     | KEGV          | EAGLE RIVER       | WI (US) |
| IAP      | RNAV (GPS) RWY 22  |     | 5   | KEGV          | EAGLE RIVER       | WI (US) |
| IAP      | RNAV (GPS) RWY 4   |     |     | KEGV          | EAGLE RIVER       | WI (US) |
| IAP      | VOR/DME RWY 4      |     | 4   | KEGV          | EAGLE RIVER       | WI (US) |
| IAP      | RNAV (GPS) RWY 32  |     |     | KD25          | MANITOWISH WATERS | WI (US) |
| IAP      | LOC RWY 36         |     |     | KARV          | MINOCQUA-WOODRUFF | WI (US) |
| IAP      | NDB RWY 28         |     |     | KARV          | MINOCQUA-WOODRUFF | WI (US) |
| IAP      | RNAV (GPS) RWY 28  |     |     | KARV          | MINOCQUA-WOODRUFF | WI (US) |
| IAP      | RNAV (GPS) RWY 36  |     |     | KARV          | MINOCQUA-WOODRUFF | WI (US) |
| IAP      | RNAV (GPS) RWY 36  |     |     | KPKF          | PARK FALLS        | WI (US) |
| IAP      | ILS OR LOC RWY 9   |     | 1   | KRHI          | RHINELANDER       | WI (US) |
|          | (ALTERNATE MISSED) |     |     |               |                   |         |
| IAP      | RNAV (GPS) RWY 15  |     |     | KRHI          | RHINELANDER       | WI (US) |
| IAP      | RNAV (GPS) RWY 27  |     |     | KRHI          | RHINELANDER       | WI (US) |
| IAP      | RNAV (GPS) RWY 33  |     |     | KRHI          | RHINELANDER       | WI (US) |
| IAP      | RNAV (GPS) RWY 9   |     |     | KRHI          | RHINELANDER       | WI (US) |
| IAP      | VOR RWY 9          |     | 1   | KRHI          | RHINELANDER       | WI (US) |
| IAP      | VOR/DME RWY 27     |     | 3   | KRHI          | RHINELANDER       | WI (US) |
| IAP      | RNAV (GPS) RWY 27  |     |     | KTKV          | TOMAHAWK          | WI (US) |

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

UPDATED FIX USE.

DEVELOPED BY:

DATE: 09/08/2015

OFFICE: AJV-5421

NAME: ADRIAN BLAND

QUALITY  
3  
CHECKED

APPROVED BY:

DATE:

OFFICE: AJV-5421

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WAUSAU VORTAC

**STATE:** WI

**COUNTRY:** US

**LATITUDE/LONGITUDE:** 445048.40N/0893511.68W

**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 | FAC FEET | MRA | MAA   |
|-----|--------|-------|--------|-------|---------|----------|-----|------------------|----------|-----|-------|
| 1   | WAUSAU | AUW   | VORTAC | L     |         |          |     |                  |          |     | 17500 |

**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   | N   | AUW   | VORTAC | 013.46      | 193.46      | R             | 1                   | 3000 6000                 | 4 5               |
| 2   | NE  | AUW   | VORTAC | 037.00      | 217.00      | R             | 1                   | 3500 6000                 | 4 5               |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| UPN | 200      | TOWER (55-000039) | 445514.00N/0894129.00W | 2549      | 4D            |
| 1   | 200      | AAO               | 445515.00N/0894103.00W | 1982      | 4E            |
| 2   | 200      | TOWER (55-000283) | 445316.00N/0893905.00W | 1840      | 2C            |

**HOLDING RESTRICTIONS:**

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3600.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE         | FAC | PAT | AIRPORT IDENT | CITY          | STATE   |
|----------|-------------------|-----|-----|---------------|---------------|---------|
| DP       | TAKE-OFF MINIMUMS |     |     | KCWA          | MOSINEE       | WI (US) |
| EN ROUTE | V177              |     |     |               |               | (US)    |
| EN ROUTE | V26               |     |     |               |               | (US)    |
| EN ROUTE | V63               |     |     |               |               | (US)    |
| IAP      | RNAV (GPS) RWY 21 |     |     | KATW          | APPLETON      | WI (US) |
| IAP      | RNAV (GPS) RWY 27 |     |     | KMDZ          | MEDFORD       | WI (US) |
| IAP      | RNAV (GPS) RWY 25 |     |     | KRRL          | MERRILL       | WI (US) |
| IAP      | RNAV (GPS) RWY 7  |     |     | KRRL          | MERRILL       | WI (US) |
| IAP      | VOR OR GPS-A      |     | 2   | KCWA          | MOSINEE       | WI (US) |
| IAP      | ILS OR LOC RWY 21 |     | 1   | KSTE          | STEVENS POINT | WI (US) |

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

**COMPULSORY REPORTING POINT:** LOW

**RECORD REVISION NUMBER:** 15

**DATE OF REVISION:** 05/26/2016

**REASON FOR REVISION:**

1. READDED FIX USE KCWA VOR OR GPS-A.
2. READDED PAT 2.
3. DELETED FIX USE KSTE VOR/DME RWY 21.

**DEVELOPED BY:** **DATE:** 09/09/2015

**OFFICE:** AJV-5421

**NAME:** ADRIAN BLAND

**APPROVED BY:** **DATE:**

**OFFICE:** AJV-5421

**NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:**

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: YANUT

STATE: WI

COUNTRY: US

LATITUDE/LONGITUDE: 452044.76N/0893019.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
IAP  
IAP

USE TITLE  
RNAV (GPS) RWY 25.  
RNAV (GPS) RWY 33

FAC PAT

AIRPORT IDENT  
KRRL  
KRHI

CITY  
MERRILL  
RHINELANDER

STATE  
WI (US)  
WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/26/2016

**REASON FOR REVISION:**

REMOVED DME FROM FIX TYPE.  
DELETED WAUSAU (AUW) VTAC AS FIX MAKE-UP FACILITY.  
DELETED CONTROLLER, EN ROUTE LOW FROM REQUIRED CHARTING.

DEVELOPED BY:

DATE: 09/09/2015

OFFICE: AJV-5421

NAME: ADRIAN BLAND

APPROVED BY:

DATE:

OFFICE: AJV-5421

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: ZUPIG

STATE: WI

COUNTRY: US

LATITUDE/LONGITUDE: 450940.89N/0893207.96W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS<br>INBOUND | TURN<br>(L OR R) | LEG LENGTH<br>TIME DME | HOLDING<br>MIN | ALTITUDES<br>MAX | TEMPLATES<br>MIN | MAX |
|-----|-----|-------|------|-------------|----------------|------------------|------------------------|----------------|------------------|------------------|-----|
| 1   | S   |       | WP   | 189.55      | 009.55         | R                | 4                      | 4000           | 6000             | 5                | 6   |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1   | 200      | TOWER (55-001449) | 450322.00N/0892754.00W | 2485      | 5D            |

## 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 13 |     | 1   | KAUW          | WAUSAU | WI (US) |
| IAP      | RNAV (GPS) RWY 31 |     | 1   | KAUW          | WAUSAU | WI (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

REMOVED DME FROM FIX TYPE.  
DELETED WAUSAU (AUW) VTAC AS A FIX MAKE-UP FACILITY.  
REMOVED CONTROLLER AND EN ROUTE LOW FROM REQUIRED CHARTING.  
UPDATED FIX USE.

DEVELOPED BY:

DATE: 09/09/2015

OFFICE: AJV-5421

NAME: ADRIAN BLAND

APPROVED BY:

DATE:

OFFICE: AJV-5421

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED