

# RADIO FIX AND HOLDING DATA RECORD

NAME: FANUM

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 460742.23N/0902442.13W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## 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   | N   |       | WP   | 003.34      | 183.34         | R                | 4                      | 3400 10000                   | 5 10                 |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 200      | AAO         | 461439.00N/0902115.00W | 2074      | 4B            |

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

| USE TYPE | USE TITLE         | FAC | PAT | AIRPORT IDENT | CITY       | STATE   |
|----------|-------------------|-----|-----|---------------|------------|---------|
| IAP      | RNAV (GPS) RWY 18 |     | 1   | PKF           | PARK FALLS | WI (US) |
| IAP      | RNAV (GPS) RWY 36 |     | 1   | PKF           | PARK FALLS | WI (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/14/2026

## REASON FOR REVISION:

REMOVED FAC 1 KPKF R18 FROM FIX MAKE-UP FACILITIES.  
CHANGED PAT 1 RAD/CRS/BRG FROM 003.93 TO 003.34, CRS INBOUND FROM 183.93 TO 183.34, MIN HOLDING ALTITUDE FROM 3300 TO 3400 AND MAX TEMPLATES FROM 7 TO 10 IN FIX HOLDING.  
CHANGED PAT 1 OBSTACLE FROM "200' AAO" TO "AAO", COORDINATES FROM "461003.00N/0902000.00W" TO "461439.00N/0902115.00W", ELEVATION FROM 1959 TO 2074 AND ACCURACY CODE FROM 4D TO 4B.  
MOVED "HOLDING LIMITED TO ESTABLISHED PATTERN" TO HOLDING RESTRICTIONS.  
ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETE" TO REMARKS.  
UPDATED IAP RNAV (GPS) RWY 18 TO CORRECT FIX TITLE IN FIX USE.  
ADDED IAP RNAV (GPS) RWY 36 FOR PKF AIRPORT IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 04/09/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: FARIM

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 454655.18N/0902613.32W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## 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>MIN MAX | TEMPLATES<br>MIN MAX |
|-----|-----|-------|------|-------------|----------------|------------------|------------------------|----------------|----------------------|----------------------|
| 1   | S   |       | WP   | 183.30      | 003.30         | R                | 4                      | 3200           | 10000                | 5 10                 |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|---------|-------------------|------------------------|-----------|---------------|
| 1   | 200     | TOWER (55-000941) | 453838.64N/0902333.74W | 1944      | 1A            |

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

| USE TYPE | USE TITLE         | FAC | PAT | AIRPORT IDENT | CITY       | STATE   |
|----------|-------------------|-----|-----|---------------|------------|---------|
| IAP      | RNAV (GPS) RWY 18 |     | 1   | PKF           | PARK FALLS | WI (US) |
| IAP      | RNAV (GPS) RWY 36 |     | 1   | PKF           | PARK FALLS | WI (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/14/2026

## REASON FOR REVISION:

REMOVED FAC 1 KPKF R36 FROM FIX MAKE-UP FACILITIES.  
CHANGED PAT 1 RAD/CRS/BRG FROM 183.91 TO 183.30, CRS INBOUND FROM 003.91 TO 003.30 AND MAX TEMPLATE FROM 7 TO 10 IN FIX HOLDING.  
CHANGED PAT 1 OBSTACLE FROM "TOWER (50-0941)" TO "TOWER (55-000941)", COORDINATES FROM "453839.00N/0902335.00W" TO "453838.64N/0902333.74W", ELEVATION FROM 1937 TO 1944 AND ACCURACY CODE FROM 5D TO 1A.  
MOVED "HOLDING LIMITED TO ESTABLISHED PATTERN" TO HOLDING RESTRICTIONS.  
ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETE" TO REMARKS.  
UPDATED IAP RNAV (GPS) RWY 18 TO CORRECT FIX TITLE IN FIX USE.  
ADDED IAP RNAV (GPS) RWY 36 FOR PKF AIRPORT IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 04/09/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: RHINELANDER VOR/DME

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 453801.64N/0892728.01W

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   | RHINELANDER | RHI   | VOR/DME | VL    |         |          |     |                          |     | 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   | W   | RHI   | VOR/DME | 260.57      | 080.57         | R                | 1                      | 3500 6000                    | 4 5                  |
| 2   | W   | RHI   | VOR/DME | 281.00      | 101.00         | R                | 1                      | 3900 6000                    | 4 5                  |
| 3   | S   | RHI   | VOR/DME | 201.38      | 021.38         | L                | 1                      | 3500 6000                    | 4 5                  |
| 4   | S   |       | WP      | 201.22      | 021.22         | 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 (55-000040) | 453807.00N/0892243.00W | 1963      | 1C            |
| 3   | 200      | AAO               | 453157.00N/0892757.00W | 1969      | 4E            |
| 4   | 200      | AAO               | 452739.00N/0892830.00W | 1982      | 4B            |

REASON FOR NONSTANDARD HOLDING:

PAT 3 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: 2E (1965).

FIX USE:

| USE TYPE | USE TITLE                                    | FAC | PAT | AIRPORT IDENT | CITY              | STATE   |
|----------|----------------------------------------------|-----|-----|---------------|-------------------|---------|
| EN ROUTE | V191                                         |     |     |               |                   | (US)    |
| EN ROUTE | V217                                         |     |     |               |                   | (US)    |
| EN ROUTE | V63                                          |     |     |               |                   | (US)    |
| EN ROUTE | V78                                          |     |     |               |                   | (US)    |
| IAP      | LOC/DME RWY 4                                |     |     | KEGV          | EAGLE RIVER       | WI (US) |
| IAP      | RNAV (GPS) RWY 22                            |     |     | KEGV          | EAGLE RIVER       | WI (US) |
| IAP      | RNAV (GPS) RWY 4                             |     |     | KEGV          | EAGLE RIVER       | WI (US) |
| IAP      | VOR/DME RWY 4                                |     | 3   | KEGV          | EAGLE RIVER       | WI (US) |
| IAP      | RNAV (GPS) RWY 32                            |     |     | D25           | MANITOWISH WATERS | 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 (ALTERNATE MISSED APPROACH) |     | 1   | KRHI          | RHINELANDER       | WI (US) |
| 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/DME RWY 27                               |     |     | KRHI          | RHINELANDER       | WI (US) |
| IAP      | RNAV (GPS) RWY 27                            |     |     | KTKV          | TOMAHAWK          | WI (US) |

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

1. FIX USE: REMOVED DUPLICATE "IAP RNAV (GPS) RWY 22" AT KEGV AND "IAP VOR/DME RWY 27" AT KRHI.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: RUSSH

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 455247.79N/0904036.50W

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 | MRA  | MAA   |
|-----|------------|-------|---------|-------|---------|----------|-------|------------------|------|-------|
| 1   | EAU CLAIRE | EAU   | VORTAC  | L     | 025.62  | 029.62   | 68.00 | 68.00            | 6000 | 17500 |
| 2   | IRONWOOD   | IWD   | VOR/DME | L     | 209.59  | 210.59   | 45.39 | 45.39            | 8000 | 17500 |

## EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| EAU       | VORTAC   | R-026          | 68       | 6000         | 17500        |
| IWD       | VOR/DME  | R-210          | 46       | 8000         | 18000        |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| UPN | 230      | TOWER (55-000484) | 455642.50N/0901622.50W | 3049      | 4D            |

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 8000.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

| USE TYPE | USE TITLE         | FAC  | PAT | AIRPORT IDENT | CITY       | STATE   |
|----------|-------------------|------|-----|---------------|------------|---------|
| EN ROUTE | V413              | 1, 2 |     |               |            | (US)    |
| IAP      | RNAV (GPS) RWY 21 |      |     | KHYR          | HAYWARD    | WI (US) |
| IAP      | RNAV (GPS) RWY 36 |      |     | KPKF          | PARK FALLS | WI (US) |
| IAP      | RNAV (GPS) RWY 24 |      |     | KPBH          | PHILLIPS   | WI (US) |
| IAP      | RNAV (GPS) RWY 6  |      |     | KPBH          | PHILLIPS   | WI (US) |

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 04/25/2019

## REASON FOR REVISION:

REMOVED KPKF NDB RWY 36 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5432

NAME: CHRISTINE BAYSE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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