

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** LEYIL **STATE:** ND **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 461609.85N/0983959.41W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:** **HOLDING TYPE OF ACTION:**

**REMARKS:**  
PRECISE FIX COORDINATES SUBMITTED FROM IPDS TO THE ENTERPRISE: 461609.854N/0983959.412W.

| <b>FIX USE:</b> | <b>USE TITLE</b>  | <b>FAC</b> | <b>PAT</b> | <b>AIRPORT IDENT</b> | <b>CITY</b> | <b>STATE</b> |
|-----------------|-------------------|------------|------------|----------------------|-------------|--------------|
| <b>USE TYPE</b> |                   |            |            |                      |             |              |
| IAP             | RNAV (GPS) RWY 32 |            |            | 51D                  | EDGELEY     | ND (US)      |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 08/20/2015

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

**DEVELOPED BY:** **DATE:** 07/21/2014 **OFFICE:** AJV-353 **NAME:** DANIEL OLSON

**APPROVED BY:** **DATE:** 07/07/2015 **OFFICE:** AJV-353 **NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY:  
OTHER: AMGR

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ONACI **STATE:** ND **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 462953.18N/0985152.33W **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   | NW  |       | WP   | 324.00      | 144.00         | R                | 4                      | 3600           | 6000                 | 5 6                  |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|---------|-------------|------------------------|-----------|---------------|
| 1   | 200     | AAO         | 463542.00N/0990306.00W | 2287      | 4B            |

**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 14 |     | 1   | 51D           | EDGELEY | ND (US) |
| IAP      | RNAV (GPS) RWY 32 |     | 1   | 51D           | EDGELEY | ND (US) |

**REQUIRED CHARTING:** IAP, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 01/22/2026

**REASON FOR REVISION:**

CHANGED CONTROLLING OBSTACLE AC FROM 5E TO 4B.  
CHANGED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER LOW.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A33 **NAME:** TIMOTHY DUNN

**APPROVED BY:** **DATE:** 12/18/2025 **OFFICE:** AJV-A33 **NAME:** KYLE THOMPSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** THERM **STATE:** ND **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 461154.30N/0983619.52W **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 INBOUND | TURN (L OR R) | LEG LENGTH TIME DME | HOLDING MIN | ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|-----|-----|-------|------|-------------|-------------|---------------|---------------------|-------------|---------------|---------------|---------------|
| 1   | SE  |       | WP   | 144.18      | 324.18      | R             | 4                   | 3600        | 6000          | 5             | 6             |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1   | 200      | TOWER (38-000748) | 461106.76N/0983605.14W | 1859      | 2C            |

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED. PRECISE FIX COORDINATES SUBMITTED FROM IPDS TO THE ENTERPRISE:461154.300N/0983619.520W.

**FIX USE:**

| USE TYPE | USE TITLE         | FAC | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|-------------------|-----|-----|---------------|---------|---------|
| IAP      | RNAV (GPS) RWY 14 |     | 1   | 51D           | EDGELEY | ND (US) |
| IAP      | RNAV (GPS) RWY 32 |     | 1   | 51D           | EDGELEY | ND (US) |

**REQUIRED CHARTING:** IAP, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 01/22/2026

**REASON FOR REVISION:**

CHANGED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER LOW.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A33 **NAME:** TIMOTHY DUNN

**APPROVED BY:** **DATE:** 12/18/2025 **OFFICE:** AJV-A33 **NAME:** KYLE THOMPSON

**SIGNATURE:**