

# RADIO FIX AND HOLDING DATA RECORD

NAME: GARDNER VOR/DME STATE: MA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423245.32N/0720329.48W 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   | GARDNER | GDM   | VOR/DME | L     |         |          |     |                          |     | 17500 |

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   | NW  | GDM   | VOR/DME | 298.00      | 118.00         | L                | 1                      | 4000 17500                   | 4 16                 |
| 2   | W   | GDM   | VOR/DME | 276.81      | 096.81         | R                | 1                      | 3300 6000                    | 4 13                 |
| 3   | SW  |       | WP      | 202.91      | 022.91         | R                |                        | 3000 6000                    | 5 6                  |
| 4   | E   | GDM   | VOR/DME | 112.13      | 292.13         | R                | 1                      | 3500 6000                    | 4 13                 |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 200      | AAO         | 423245.00N/0721018.00W | 1595      | 4E            |
| 2   | 200      | AAO         | 423245.00N/0721018.00W | 1595      | 4E            |
| 2   | 310      | AAO         | 422921.00N/0715315.00W | 2205      | 4B            |
| 3   | 200      | AAO         | 423057.00N/0720248.00W | 1569      | 4E            |
| 4   | 200      | AAO         | 422930.03N/0715323.30W | 2130      | 2C            |
| 4   | 310      | AAO         | 422921.15N/0715311.99W | 2200      | 2C            |

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY    | STATE   |
|-----|-----------------|---------------|---------|---------|
| 2   | VOR-A           | KGDM          | GARDNER | MA (US) |
| 4   | VOR-A           | KORE          | ORANGE  | MA (US) |

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
FACILITY MAGVAR: W14/1970.

## FIX USE:

| USE TYPE | USE TITLE                 | FAC | PAT | AIRPORT IDENT | CITY                  | STATE   |
|----------|---------------------------|-----|-----|---------------|-----------------------|---------|
| DP       | BRADLEY                   |     |     | KBDL          | WINDSOR LOCKS         | CT (US) |
| DP       | TAKEOFF MINIMUMS          |     |     | KAFN          | JAFFREY               | NH (US) |
| DP       | MANCHESTER                |     |     | KMHT          | MANCHESTER            | NH (US) |
| DP       | PEASE                     |     |     | KPSM          | PORTSMOUTH            | NH (US) |
| DP       | TANKER                    |     |     | KPSM          | PORTSMOUTH            | NH (US) |
| DP       | ALBANY                    |     |     | KALB          | ALBANY                | NY (US) |
| EN ROUTE | Q935                      |     |     |               |                       | (US)    |
| EN ROUTE | T314                      |     |     |               |                       | (US)    |
| EN ROUTE | T315                      |     |     |               |                       | (US)    |
| EN ROUTE | T320                      |     |     |               |                       | (US)    |
| EN ROUTE | T393                      |     |     |               |                       | (US)    |
| EN ROUTE | T608                      |     |     |               |                       | (US)    |
| EN ROUTE | V431                      |     |     |               |                       | (US)    |
| IAP      | ILS OR LOC RWY 11         |     |     | KBED          | BEDFORD               | MA (US) |
| IAP      | ILS OR LOC RWY 29         |     |     | KBED          | BEDFORD               | MA (US) |
| IAP      | ILS OR LOC RWY 15R        |     |     | KBOS          | BOSTON                | MA (US) |
| IAP      | ILS OR LOC RWY 27         |     |     | KBOS          | BOSTON                | MA (US) |
| IAP      | RNAV (GPS) RWY 15R        |     |     | KBOS          | BOSTON                | MA (US) |
| IAP      | RNAV (GPS) RWY 14         |     |     | KFIT          | FITCHBURG             | MA (US) |
| IAP      | VOR-A                     |     | 2   | KGDM          | GARDNER               | MA (US) |
| IAP      | LOC RWY 35                |     |     | KOWD          | NORWOOD               | MA (US) |
| IAP      | VOR-A                     |     | 4   | KORE          | ORANGE                | MA (US) |
| IAP      | RNAV (GPS) RWY 21         |     |     | 6B6           | STOW                  | MA (US) |
| IAP      | ILS OR LOC RWY 20         |     |     | KBAF          | WESTFIELD/SPRINGFIELD | MA (US) |
| IAP      | ILS OR LOC RWY 11         |     |     | KORH          | WORCESTER             | MA (US) |
| IAP      | ILS OR LOC RWY 29         |     |     | KORH          | WORCESTER             | MA (US) |
| IAP      | ILS RWY 11 (CAT II & III) |     |     | KORH          | WORCESTER             | MA (US) |
| IAP      | RNAV (GPS) RWY 33         |     |     | KORH          | WORCESTER             | MA (US) |
| IAP      | VOR/DME RWY 33            |     |     | KORH          | WORCESTER             | MA (US) |
| IAP      | RNAV (GPS)- B             |     | 3   | KAFN          | JAFFREY               | NH (US) |
| IAP      | VOR-A                     |     |     | KAFN          | JAFFREY               | NH (US) |
| IAP      | ILS OR LOC RWY 2          |     |     | KEEN          | KEENE                 | NH (US) |
| IAP      | ILS OR LOC RWY 6          |     |     | KMHT          | MANCHESTER            | NH (US) |
| IAP      | ILS OR LOC RWY 14         |     |     | KASH          | NASHUA                | NH (US) |

QUALITY  
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CHECKED

|       |                      |   |      |           |         |
|-------|----------------------|---|------|-----------|---------|
| OTHER | ATC COORDINATION FIX | 1 |      |           | (US)    |
| STAR  | GRAYM                |   | KBED | BEDFORD   | MA (US) |
| STAR  | GRAYM                |   | KBVY | BEVERLY   | MA (US) |
| STAR  | GRAYM                |   | KFIT | FITCHBURG | MA (US) |
| STAR  | GRAYM                |   | KLWM | LAWRENCE  | MA (US) |

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 38

**DATE OF REVISION:** 04/17/2025

**REASON FOR REVISION:**

1. PATTERNS: CHANGED PAT 2 MIN HOLDING ALTITUDE FROM "3000" TO "3300".
2. CONTROLLING OBSTRUCTIONS: CHANGED PAT 2 310 OBSTRUCTION FROM "AAO 422921.00N/0715312.00W 2215 4E" TO "AAO 422921.00N/0715315.00W 2205 4B".

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A431                      **NAME:** EMMANUEL GONZALES

**APPROVED BY:**                      **DATE:** 03/13/2025                      **OFFICE:** AJV-A431                      **NAME:** ERIC N SUSKI

**SIGNATURE:**

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 28, 2025

QUALITY  
13  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: MACXE

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423259.35N/0720100.41W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

| FAC | NAME    | IDENT | TYPE    | CLASS | MAG<br>BRG | TRUE<br>BRG | DME  | DIST FROM FAC<br>NM | FAC<br>FEET | MRA  | MAA   |
|-----|---------|-------|---------|-------|------------|-------------|------|---------------------|-------------|------|-------|
| 1   | GARDNER | GDM   | VOR/DME | L     | 096.78     | 082.78      | 1.85 | 1.85                |             | 1920 | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|-----------|-----|-----|---------------|---------|---------|
| IAP      | VOR-A     | 1   |     | KGDM          | GARDNER | MA (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/17/2025

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: GARDNER MRA CHANGED FROM "1660" TO "1920".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: EMMANUEL GONZALES

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

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*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 28, 2025

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