

# RADIO FIX AND HOLDING DATA RECORD

NAME: WAXEN

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423504.42N/0705446.69W

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 | FEET | MRA  | MAA   |
|-----|--------|-------|---------|-------|---------|----------|-------|------------------|------|------|-------|
| 1   | BOSTON | BOS   | VOR/DME | VH    | 029.99  | 013.99   | 14.04 | 14.04            |      | 3000 | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

| PAT | DIR | IDENT | TYPE    | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG TIME | LENGTH DME | HOLDING ALTITUDES MIN | MAX  | TEMPLATES MIN | MAX |
|-----|-----|-------|---------|-------------|-------------|---------------|----------|------------|-----------------------|------|---------------|-----|
| 1   | NE  | BOS   | VOR/DME | 029.99      | 209.99      | L             | 1        |            | 3000                  | 8000 | 5             | 9   |
| 2   | NE  |       | WP      | 028.99      | 208.99      | L             |          | 4          | 3000                  | 8000 | 5             | 9   |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 200      | AAO         | 424218.00N/0705333.00W | 499       | 3E            |
| 2   | 200      | AAO         | 424218.00N/0705333.00W | 499       | 3E            |

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC APPROVED  
PAT 2 ATC REQUESTED

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## REMARKS:

BOSTON (FAC 1) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ATC REQUESTS CHARTING ON ENROUTE/CONTROLLER LOW CHART

## FIX USE:

| USE TYPE | USE TITLE                 | FAC | PAT | AIRPORT IDENT | CITY   | STATE   |
|----------|---------------------------|-----|-----|---------------|--------|---------|
| IAP      | ILS OR LOC RWY 33L        | 1   | 1   | KBOS          | BOSTON | MA (US) |
| IAP      | ILS OR LOC RWY 33L        | 1   | 1   | KBOS          | BOSTON | MA (US) |
| IAP      | ILS OR LOC RWY 4R         | 1   | 1   | KBOS          | BOSTON | MA (US) |
| IAP      | ILS RWY 33L (CAT II-III)  | 1   | 1   | KBOS          | BOSTON | MA (US) |
| IAP      | ILS RWY 33L (SA CAT I)    | 1   | 1   | KBOS          | BOSTON | MA (US) |
| IAP      | ILS RWY 4R (CAT II - III) | 1   | 1   | KBOS          | BOSTON | MA (US) |
| IAP      | ILS RWY 4R (SA CAT I)     | 1   | 1   | KBOS          | BOSTON | MA (US) |
| IAP      | RNAV (GPS) RWY 04R        |     | 2   | KBOS          | BOSTON | MA (US) |
| IAP      | RNAV (GPS) RWY 4R         |     | 2   | KBOS          | BOSTON | MA (US) |
| IAP      | RNAV (GPS) Z RWY 33L      |     | 2   | KBOS          | BOSTON | MA (US) |
| IAP      | RNAV (RNP) X RWY 33L      |     | 2   | KBOS          | BOSTON | MA (US) |
| OTHER    | ATC COORDINATION FIX      |     |     |               |        | (US)    |

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

REMOVED KBOS VOR-A FROM FIX USE.  
DELETED HOLDING PATTERN 3, MHT VOR/DME AND ALL ASSOCIATED DATA AND NOTES.  
DELETED FAC 2 MHT VOR/DME.  
DELETED INT FROM FIX TYPE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TIMOTHY JOHNSON

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE: