

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FENIP

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420502.68N/0712224.02W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) Z RWY 14

FAC

PAT

AIRPORT IDENT
1B9

CITY
MANSFIELD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/01/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RALPH DUMAR

APPROVED BY:

DATE: 09/08/2022

OFFICE: AJV-5420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOTVU

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420915.85N/0711847.55W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) Z RWY 14

FAC

PAT

AIRPORT IDENT
1B9

CITY
MANSFIELD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/01/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RALPH DUMAR

APPROVED BY:

DATE: 09/08/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: JOMGO **STATE:** MA **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 420051.18N/0711334.77W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

| FIX USE: | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|-----------------|---------------------|------------|------------|----------------------|-------------|--------------|
| USE TYPE | | | | | | |
| IAP | RNAV (GPS) Z RWY 14 | | | 1B9 | MANSFIELD | MA (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 06/12/2025

REASON FOR REVISION:
1. RELOCATED FIX 558 FEET NW FROM "420048.22N/0711328.54W" TO "420051.18N/0711334.77W".

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** DANIEL JOHNSEN

APPROVED BY: **DATE:** 05/08/2025 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: STIME

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420221.64N/0711644.84W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) Z RWY 14

FAC

PAT

AIRPORT IDENT
1B9

CITY
MANSFIELD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/01/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RALPH DUMAR

APPROVED BY:

DATE: 09/08/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WOONS **STATE:** RI **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 415702.07N/0713025.34W **TYPE:** WP, INT, 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 | NORWICH | ORW | VOR/DME | L | 056.92 | 042.92 | 32.37 | 32.37 | 2500 | 17500 |
| 2 | PUTNAM | PUT | VOR/DME | H | 105.00 | 091.00 | 15.09 | 15.09 | 2000 | 17500 |
| 3 | BOSTON | BOS | VOR/DME | VH | 239.60 | 223.60 | 33.60 | 33.60 | 2000 | 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 | SW | BOS | VOR/DME | 239.60 | 059.60 | L | 1 | 3000 10000 | 6 11 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 200 | TOWER (44-000083) | 415032.57N/0714011.29W | 1069 | 2C |

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC SEPARATION FROM PVD AIRSPACE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

NORWICH (FAC 1) AND PUTNAM (FAC 2) USED TO ESTABLISH FIX COORDINATES.
SECTIONAL ADDED PER ATC REQUEST
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|-------------|-------------------------|---------|-----|---------------|------------|---------|
| SPECIAL IAP | COPTER RNAV (GPS) M 139 | | | 1B9 | MANSFIELD | MA (US) |
| EN ROUTE | T224 | | | | | (US) |
| EN ROUTE | V3 | 1, 2, 3 | 1 | | | (US) |
| IAP | RNAV (GPS) RWY 4L | | | KBOS | BOSTON | MA (US) |
| IAP | RNAV (GPS) RWY 32 | | | KBOS | BOSTON | MA (US) |
| IAP | RNAV (GPS) RWY 32 | | | 1B9 | MANSFIELD | MA (US) |
| IAP | RNAV (GPS) Z RWY 14 | | | 1B9 | MANSFIELD | MA (US) |
| IAP | RNAV (GPS) RWY 35 | | | KOWD | NORWOOD | MA (US) |
| IAP | RNAV (GPS) RWY 16 | | | KPVD | PROVIDENCE | RI (US) |
| STAR | WOONS | 1, 2, 3 | 1 | BOS | BOSTON | MA (US) |
| STAR | WOONS | 1, 2, 3 | 1 | 1B9 | MANSFIELD | MA (US) |
| STAR | WOONS | 1, 2, 3 | 1 | GHG | MARSHFIELD | MA (US) |
| STAR | WOONS | 1, 2, 3 | 1 | OWD | NORWOOD | MA (US) |

REQUIRED CHARTING: SECTIONAL, STAR, IAP, AREA, EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 **DATE OF REVISION:** 05/14/2026

REASON FOR REVISION:

1. AIRSPACE DOCKET: DELETED 21-ANE-5.
2. FIX USE: ADDED SPECIAL IAP COPTER RNAV (GPS) M 139 AT 1B9.
3. FIX USE: DELETED IAP COPTER RNAV (GPS) Y RWY 14 AT 1B9.
4. FIX USE: STAR WOONS, ALL ENTRIES, ADDED FAC 3.
5. REQUIRED CHARTING: ADDED SPECIAL IAP.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** RICHARD BRUCE

APPROVED BY: **DATE:** 04/09/2026 **OFFICE:** AJV-A420 **NAME:** BEV L BORDY

SIGNATURE: