

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: CBABY

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420046.71N/0711325.32W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX RESTRICTIONS:
SPECIAL ONLY

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
SPECIAL IAP

USE TITLE

COPTER RNAV (GPS) M 139

FAC

PAT

AIRPORT IDENT

1B9

CITY

MANSFIELD

STATE

MA (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

02/19/26: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/22/26.

1. FIX MOVED 2.29 FT NORTHEAST, FROM 420046.69N/0711325.34W TO 420046.71N/0711325.32W.

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:



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 420006.71N/0711201.43W **TYPE:** CNF

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

FIX RESTRICTIONS:
SPECIAL ONLY

HOLDING: **HOLDING TYPE OF ACTION:**

REMARKS:
FIX CREATED TO DOCUMENT FICTITIOUS HELIPOINT (FHP) ON COPTER RNAV (GPS) M 139 AT 1B9. NOT INTENDED FOR CHARTING ON PROCEDURE.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
SPECIAL IAP	COPTER RNAV (GPS) M 139			1B9	MANSFIELD	MA (US)

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:

02/19/26: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/22/26.
1. FIX MOVED 0.12 NM SOUTHEAST, FROM 420010.62N/0711209.74W TO 420006.71N/0711201.43W.

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:		



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 420126.66N/0711449.18W **TYPE:** WP

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

FIX RESTRICTIONS:
SPECIAL ONLY

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
SPECIAL IAP	COPTER RNAV (GPS) M 139			1B9	MANSFIELD	MA (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/14/2026

REASON FOR REVISION:

1. FIX MOVED 1610.50 FEET NORTHWEST, FROM 420118.07N/0711431.22W TO 420126.66N/0711449.18W.
2. FIX RESTRICTIONS: ADDED SPECIAL ONLY.
3. FIX USE: DELETED COPTER RNAV (GPS) Y RWY 14 AT 1B9.
4. FIX USE: ADDED SPECIAL IAP COPTER RNAV (GPS) M 139 AT 1B9.
5. REQUIRED CHARTING: DELETED IAP AND 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:



RADIO FIX AND HOLDING DATA RECORD

NAME: MILIS STATE: MA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420618.59N/0711841.62W TYPE: WP, INT, 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		239.60	223.60	20.86	20.86		2000	17500
2	GARDNER	GDM	VOR/DME	VL	142.25	128.25		42.46		2000	6300

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GDM	VOR/DME	R-142	43	2000	6300

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SECTIONAL ADDED PER ATC REQUEST

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				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24 DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES, FAC 2: CHANGED MAA FROM 17500 TO 6300.
2. EXPANDED SERVICE VOLUME (ESV): GDM, CORRECTED MAX ALTITUDE FROM 17500 TO 6300.
3. REMARKS: DELETED "PRECIPITOUS TERRAIN EVALUATION COMPLETE."
4. FIX USE: ADDED SPECIAL IAP COPTER RNAV (GPS) M 139 AT 1B9.
5. FIX USE: DELETED COPTER RNAV (GPS) Y RWY 14 AT 1B9.
6. REQUIRED CHARTING: DELETED IAP AND 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:



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 420020.54N/0711230.44W **TYPE:** WP

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

FIX RESTRICTIONS:
SPECIAL ONLY

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE SPECIAL IAP	COPTER RNAV (GPS) M 139			1B9	MANSFIELD	MA (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:

02/19/26: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/22/26.
1. FIX MOVED 0.12 NM SOUTHEAST, FROM 420024.46N/0711238.75W TO 420020.54N/0711230.44W.

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:



RADIO FIX AND HOLDING DATA RECORD

NAME: WAXAL

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420059.85N/0712126.30W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX RESTRICTIONS:
SPECIAL ONLY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
SPECIAL IAP

USE TITLE

COPTER RNAV (GPS) M 139

FAC

PAT

AIRPORT IDENT
1B9

CITY

MANSFIELD

STATE

MA (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

1. FIX MOVED 1.18 NM NORTHWEST, FROM 420023.55N/0712004.89W TO 420059.85N/0712126.30W. FIX NAME WAXAL RETAINED FOR OPERATIONAL REQUIREMENTS.
2. FIX RESTRICTIONS: ADDED SPECIAL ONLY.
3. FIX USE: DELETED COPTER RNAV (GPS) Y RWY 14 AT 1B9.
4. FIX USE: ADDED SPECIAL IAP COPTER RNAV (GPS) M 139 AT 1B9.
5. REQUIRED CHARTING: DELETED IAP AND 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:



RADIO FIX AND HOLDING DATA RECORD

NAME: ZODED STATE: MA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420243.50N/0711730.49W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX RESTRICTIONS:
SPECIAL ONLY

HOLDING: HOLDING TYPE OF ACTION: ESTABLISH

PATTERNS:		IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES		TEMPLATES	
PAT	DIR							MIN	MAX	MIN	MAX
1	NW		WP	318.56	138.56	R	4	1700	3000	4	4

CONTROLLING OBSTRUCTIONS:			COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION			
1	200	AAO	420154.00N/0712415.00W	683	4B

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:
1000 AIRSPACE ADJUSTMENT APPLIED IN HOLDING.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	COPTER RNAV (GPS) M 139		1	1B9	MANSFIELD	MA (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 05/14/2026

REASON FOR REVISION:
1. FIX MOVED 2181.70 FEET SOUTHEAST, FROM 420255.24N/0711754.74W TO 420243.50N/0711730.49W.
2. FIX RESTRICTIONS: ADDED SPECIAL ONLY.
3. HOLDING: ADDED PAT 1 AND ASSOCIATED DATA.
4. FIX USE: DELETED COPTER RNAV (GPS) Y RWY 14 AT 1B9.
5. FIX USE: ADDED SPECIAL IAP COPTER RNAV (GPS) M 139 AT 1B9.
6. REQUIRED CHARTING: DELETED IAP AND ADDED SPECIAL IAP.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
		AJV-A422	RICHARD BRUCE
OFFICE OF PRIMARY RESPONSIBILITY:			
APPROVED BY:	DATE: 04/09/2026	OFFICE: AJV-A420	NAME: BEV L BORDY
	SIGNATURE:		

